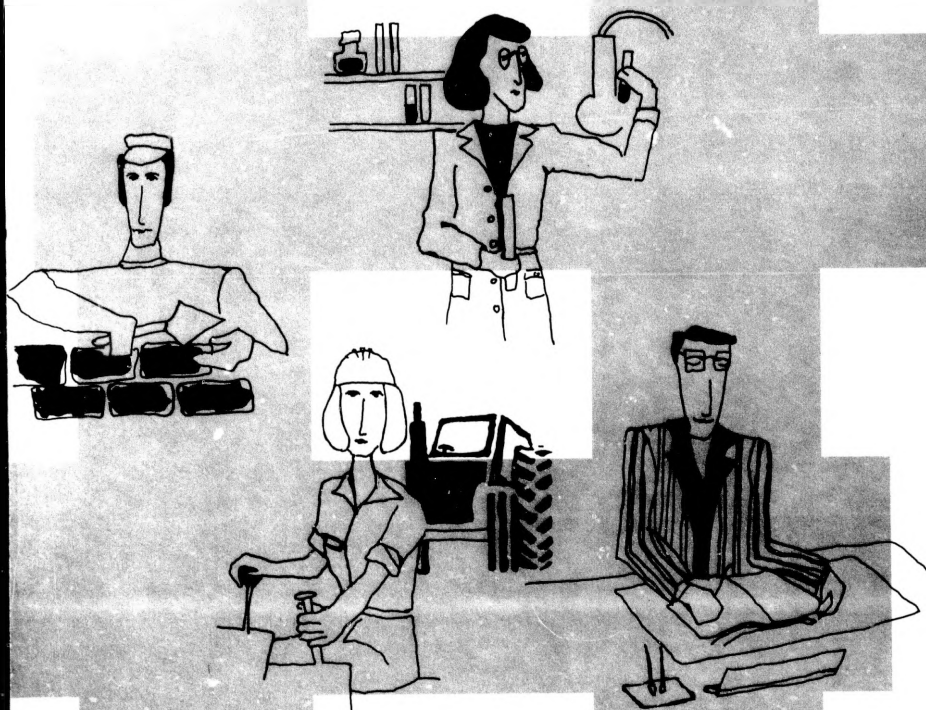


First Edition

STATISTICAL CLASSIFICATION

AUSTRALIAN BUREAU OF STATISTICS



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ASCO PUBLICATIONS AND DOCUMENTS

INTRODUCTION TO ASCO PUBLICATIONS (FIRST EDITION)

STATISTICAL CLASSIFICATION

The Conceptual Basis of ASCO

Structure and Group Definitions

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PREFACE

This document is one of a series which presents the first edition of the Australian Standard Classification of Occupations (ASCO). This new classification is the product of an extensive work programme undertaken by a joint project team from the Department of Employment and Industrial Relations (DEIR) and the Australian Bureau of Statistics (ABS).

In the 1970s it became clear that the occupational classifications then in use in Australia suffered from a number of deficiencies which led to widespread criticism, as for example in the Norgard Report on Review of the Commonwealth Employment Service (June 1973) and the Crawford Report on Structural Adjustment (March 1979). Against this background, DEIR and ABS established a joint project in 1978 to develop a new standard classification of occupations.

Research into the needs of the user community and consideration of the relevant technical and conceptual issues led to the conclusion that the structure of the new classification should be based on kind of work, defined primarily in terms of skill level and skill specialisation. Following this, the new structure was constructed on the basis of information on occupational characteristics gathered from an extensive program of field work and statistical feasibility testing.

Progressively, from the first release of this publication (September 1986), ASCO will be used in the presentation of ABS statistics, starting with the Labour Force Survey, Survey of Employee Earnings and Hours and the 1986 Population Census.

The background work leading to the final definition of this important new classification would not have been possible without the co-operation and assistance of many organisations and individuals. Those who have assisted are too numerous by far to list individually, but ABS and DEIR would like to express their appreciation of organisations of industry and commerce, trades unions and other employee representative organisations, State and Commonwealth Government departments and instrumentalities, higher education institutions, community organisations, academics and many private individuals.

Further releases of this document will be issued, as appropriate and in the light of practical experience gained from the use of the classification in ABS activities and from feedback from the user community at large.

IAN CASTLES
Australian Statistician

September 1986

ASCO

STATISTICAL CLASSIFICATION

PART 1

THE CONCEPTUAL BASIS OF ASCO

THE CONCEPTUAL BASIS OF ASCO

Introduction

ASCO is a skill-based classification of occupations developed in Australia as a national standard for the production and analysis of labour force statistics, human resources management, education planning, the listing of job applicants and vacancies, the provision of occupational information and for vocational guidance.

The development of ASCO was a response to a strong user demand for a skill-based classification suitable for adoption as an Australian standard. This demand presented a significant challenge in so far as the term 'skill' is a concept capable of being interpreted in a wide variety of ways.

The starting point for developing the concept of skill in relation to an occupation was to examine the intended applications of the classification and then to develop a conceptual approach which would result in a structure suitable for these applications. This led to a dialogue with potential users of ASCO and to the publication of alternative structures, as the basis for further discussion. The discussions culminated in a second user requirements survey in 1983-84. The information from this survey played a significant role in the development of the final structure.

The concept of skill is represented in ASCO by two distinct criteria: skill level and skill specialisation. The skill level of an occupation is a function of the amount of formal education, on-the-job training and previous experience usually necessary before an individual can satisfactorily perform the set of tasks involved. The skill specialisation of an occupation is a function of the field of knowledge required, tools or equipment used, materials worked on and goods and services produced in relation to the tasks performed. Further discussion of these concepts will be found later in this introduction.

Both of these criteria are defined in terms of necessary requirements for the performance of a set of tasks for a given occupation.

ASCO has four distinct levels of aggregation: at the base level, there are 1079 distinct occupations covering all jobs in the Australian labour force; at the next level of aggregation there are 282 unit groups each containing a number of occupations; at the third level of aggregation there are 52 minor groups each containing a number of unit groups; and at the fourth level there are eight major groups.

At one stage in the development of ASCO it was planned to produce, as a final classification, two distinct structures. Both were to be based on a common set of building blocks at the Unit Group level (the level at which statistical collections such as the Population Census were coded). However, one would be designated as the 'skill structure' and the other the 'type of work' structure. This decision was made, partly because of initial doubts about the feasibility of developing a skill-based classification and partly because of concern that a significantly different occupation classification might not find ready acceptance from many users.

The definition of type of work originally adopted for the development of ASCO defined the concept as being concerned with what a person did in a job, how he or she did it and, in some cases, why it was being done. It was stated that type of work may involve the identification of materials worked on (if any), products or services produced, and machines, tools or work aids used.

The difficulties with this approach were ultimately traced to the absence of a suitable operational definition of type of work. Further research enabled a definition to be developed but it then became clear that to discuss type of work as a classification criterion distinct from any skill criterion was misconceived. (An account of this research was presented as a paper to the Sociology Section, Conference of the Australian and New Zealand Association for the Advancement of Science, Perth 1983. The paper was entitled 'The Classification of Occupations According to their Intrinsic Properties'.)

In ASCO, the concept of 'type of work performed' is now interpreted in terms of the set of tasks that workers in an occupation are required to perform. As explained above, these sets of tasks are in turn classified in terms of the variables skill level and skill specialisation. ASCO groups occupations into successively broader groups on the basis of their similarity in terms of these criteria. Moreover the two criteria are correlated and the application of either of these criteria at any given level of the classification usually constrains the range of variation in the other.

In summary, the structure developed for the first edition of ASCO is based on a conceptual model which is a significant departure from previous approaches to the classification of occupations. The model incorporates operationally feasible criteria which have been applied as consistently as possible throughout the classification. What follows is a detailed description of this conceptual model.

Definition of a Classification

A classification defines a particular relation of similarity between all members of a class of objects.

The principal purpose of classification is to simplify the real world and enhance the understanding of it. The desire for understanding is usually directed towards some particular purpose and this purpose guides the choice of what attributes of the objects to abstract and what to discard as irrelevant. The complexity of the real world is reduced by studying only a relatively small number of selected attributes of the objects concerned and grouping those objects into categories that are useful in furthering analysis and understanding.

To develop a classification it is necessary first to identify the objects to be classified; then to select those attributes of the objects which are relevant; to define the objects precisely in terms of those attributes; and to define a relation of similarity between the objects in terms of those attributes. This relation must then be used to group the objects into successively broader categories.

The purpose of ASCO is to identify a set of occupations covering all jobs in the Australian economy; to define those occupations in terms of a number of selected attributes; and to group those occupations on the basis of their similarity into successively broader categories for purposes of statistical description and analysis. The individual objects to be classified are jobs and to begin the construction of the conceptual model it is necessary to define the concept of job in terms of the attributes of interest. An occupation is then defined as a set of jobs which are identical in terms of those attributes. A relation of similarity between any pair of occupations is defined in terms of these attributes so as to enable them to be grouped into successively broader categories.

The Concept of Job

A job in any given establishment is a set of tasks designed to be performed by one individual.

Any particular job will typically involve a particular individual working for a particular employer at a particular location and undertaking a particular set of tasks in return for a wage or salary. Of course, some people may work for themselves but they are still regarded as having a job and belonging to the labour force. The description of the particular tasks will usually involve the identification of any tools or equipment used, materials worked on and goods or services produced.

The Concept of Occupation

An occupation is a set of jobs with identical sets of tasks.

Of course, every job is a little different. In practice, an occupation is a collection of

jobs sufficiently similar in their main tasks to be grouped together for classification purposes. The ASCO occupation definitions list the set of tasks which are common to all jobs in any given occupation. These tasks are referred to as the primary tasks of the particular occupation. The occupation definitions also list any more specific tasks which are attributes of the specialisation titles identified for that occupation.

The above definitions of the concepts of job and occupation are consistent with those adopted either implicitly or explicitly by other national and international occupation classifications e.g.

- International Standard Classification of Occupations (ISCO), published by the International Labour Office, Geneva
- Classification of Occupations and Directory of Occupational Titles (CODOT), published by the Department of Employment, United Kingdom
- Canadian Classification and Dictionary of Occupations (CCDO), published by Department of Employment and Immigration, Canada
- Dictionary of Occupation Titles (DOT), published by Department of Labor, United States of America.

The point of departure of ASCO from international practice begins with the interpretation of the concept of type of work in terms of the set of tasks involved and continues with the definition of the degree of similarity between two occupations on the basis of the degree of similarity between the sets of tasks involved.

The Concept of Similarity in Type of Work

The commonly accepted definitions of the terms 'job' and 'occupation' and the generally accepted procedure for moving from the concept of job to the concept of occupation provide the intuitive basis for a definition of the degree of similarity in type of work between any pair of occupations.

The degree of similarity in type of work between two occupations varies directly as the degree of similarity between the sets of tasks involved in each occupation.

In comparing two occupations with very similar sets of tasks the degree of similarity can be assessed simply by a direct comparison of the tasks involved. If the two occupations have few or no tasks in common there is then a need for some criteria for assessing the similarity of sets of tasks.

The following criteria have been adopted for assessing the similarity of disjoint sets of tasks:

- range and complexity
- field of knowledge required
- tools and equipment used
- materials worked on
- goods and services produced

These criteria have been combined into the two broader concepts of skill level and skill specialisation (defined below). Hence, by definition, the degree of similarity between two occupations is a function of the values of the skill level and skill specialisation variables associated with the sets of tasks involved in each occupation.

The Concept of Skill Level

The skill level of an occupation is a function of the range and complexity of the set of

tasks involved. The greater the range and complexity of the set of tasks the greater the skill level of the occupation.

An occupation that involves more complex tasks than another will have a greater skill level than the other. Further, an occupation which requires the performance of a wide range of tasks has a higher skill level than an occupation which requires the performance of a subset of those same tasks.

The above definition of skill level captures an intuitive understanding of the concept. However, it is difficult to use it to compare any pair of occupations in the labour force. A more operational definition is required.

In general, the greater the range and complexity of the set of tasks involved, the greater will be the amount of formal education, on-the-job training and experience required before an individual can perform that set of tasks satisfactorily. For example, the occupation of engineer typically requires an individual to undertake 12 years of primary and secondary education, and a 4 year degree or diploma combined with significant practical experience before he or she is able to perform the set of tasks involved satisfactorily. Similarly, the occupation of fitter and turner typically requires an individual to undertake 10 years of primary and secondary education and a 4 year apprenticeship before he or she is able to perform the tasks satisfactorily. On this basis, it could be concluded that the occupation of engineer has a higher skill level than that of fitter and turner.

Hence, the following operational measure of this important concept has been adopted:

The skill level of an occupation is a function of the amount of formal education, on-the-job training and previous experience usually necessary before an individual can perform the set of tasks involved satisfactorily.

A number of aspects of this definition require comment. Skill level is an attribute of occupations and not an attribute of particular individuals in the labour force. For example, to classify the occupation of motor mechanic to a major group in the ASCO structure it is necessary to examine the amount of formal education, on-the-job training and previous experience that an individual usually requires in order to perform the set of tasks involved satisfactorily. The relevant values of these variables are given in all ASCO occupation and group definitions.

In coding jobs to the ASCO structure, it is not relevant whether any particular individual working as a motor mechanic has this amount of training. It is not relevant whether any particular individual is an extremely competent, an average or an extremely poor motor mechanic. The individual's job would be classified to the occupation of motor mechanic and the job would be assigned an ASCO code based on the location of that occupation in the structure.

The three variables used in the measurement of skill level - formal education, on-the-job training and previous experience - require definition themselves. They are defined with specific reference to the Australian institutional structure.

Formal education consists of three types: primary, secondary and tertiary education. Primary and secondary education are measured in years of schooling. The number of years of secondary education is expressed as the total number of years of primary and secondary schooling e.g. in most Australian States, year 12 represents 6 years of primary education plus 6 years of secondary education. Tertiary education is divided into categories consistent with those recognized by the Australian Council of Awards in Advanced Education (ACAAE) and the Technical and Further Education Advisory Council (TAFEAC). When practical training is incorporated as a necessary component of formal education it is not separately identified.

On-the-job training is defined as training given to a worker after he or she has been employed in the job in question. It is usually not supervised by recognized educational institutions. It is measured in weeks, months or years as appropriate.

Previous experience for a given occupation is defined as the number of years of experience required in other occupations before an individual can satisfactorily perform the tasks of the occupation in question.

Obviously, the determination of the skill level of each occupation in the classification involves some subjective judgement. This is particularly so with respect to judgements about the amount of on-the-job training and previous experience necessary for an individual to perform the tasks satisfactorily. In practice, current labour market requirements for entry into a job in a given occupation were often used as an indicator.

The relevant data was sought from employer groups, trade unions, educational institutions and well informed individuals. There was some variation in the relevant data supplied from the various sources particularly across industries and across States. Often there are a number of possible routes of entry to any given occupation. Only the most common routes of entry are listed in the occupation and group definitions and only the most common formal route of entry is used for classification purposes. The data given in the occupation and group definitions represents the best judgement of the ASCO Project Team but should not be interpreted as authoritative.

The principal use of the skill level criterion in ASCO is for the purpose of defining the major groups. Table 1 lists the eight major groups in the classification and their appropriate values on each of the variables which collectively define skill level.

Table 1: The Skill Level of ASCO Major Groups

MAJOR GROUP	SECONDARY EDUCATION	TERTIARY EDUCATION	ON-THE-JOB TRAINING	RELEVANT EXPERIENCE
Managers and Administrators	12	degree/diploma	-----	7 years
Professionals	12	degree/diploma	-----	-----
Para-professionals	12	associate diploma	6 months	-----
Tradespersons	10	apprenticeship	-----	-----
Clerks	11	-----	6 months	-----
Salespersons and Personal Service Workers	10	-----	3 months	-----
Plant and Machine Operators, and Drivers	--	-----	1 year	-----
Labourers and Related Workers	--	-----	3 months	-----

Individual occupations in each of these groups may vary significantly from the typical pattern. This occurs in those segments of the classification where the correlation between skill level and skill specialisation is less marked than elsewhere.

An example will illustrate the point. Managers of small establishments are classified in the major group Managers and Administrators but those occupations do not require a degree or diploma for satisfactory performance of the set of tasks involved. They were included in that major group on the basis of the skill specialisation criterion. Conversely, a few occupations classified in the major group Salespersons and Personal Service Workers typically require a degree or diploma for satisfactory performance. Again, these occupations were included in that major group on the basis of the skill specialisation criterion.

There are other instances of lack of skill level homogeneity at major group level. Some general explanations for these variations will be given in the section entitled

Application of the Criteria and more specific explanations are given in the relevant group definitions. However, most of these problems disappear at the minor group level as a result of the stronger correlation between the skill level criterion and the skill specialisation criterion at that level of disaggregation.

Although the principal application of the skill level criterion is at the major group level of the classification, it is used at the occupation level to distinguish trainee occupations (e.g. apprentices) from those occupations which require training as a prerequisite. Skill level is also used at the occupation level to distinguish supervisory occupations from the occupations supervised. As explained in the section entitled Design Constraints, these distinctions are made at occupation level for reasons of statistical feasibility.

The Concept of Skill Specialisation

The skill specialisation of an occupation is a function of the field of knowledge required, tools and equipment used, materials worked on, and goods and services produced in relation to the tasks performed.

These terms are defined below:

Field of knowledge required: This variable indicates the subject matter which is essential to the tasks performed.

Tools or equipment used: This variable indicates the plant, machinery or hand tools used in the performance of the tasks.

The term plant is used to describe mobile or stationary equipment which is large in size, performs several related functions, and is usually controlled by an internally located operator. The term machinery is used to describe stationary equipment which is not as large as plant, performs one processing function and is usually controlled by an externally located operator. The term hand tools is used to describe equipment which is small enough to be moved and operated by one person.

Materials worked on: This variable indicates the materials which are extracted, processed, refined or fabricated as an essential part of the tasks performed.

Goods or services produced: This variable indicates the goods or services produced as a result of the performance of the tasks.

The skill specialisations identified within each of a set of broad skill levels have been determined by an examination of the primary tasks of all occupations within each skill level. This procedure has led to the empirical determination of unique clusters of primary tasks and the resultant grouping of the relevant occupations into appropriate cells. This approach was assisted by the existence of widely recognised categories of occupations such as machine operators, plant operators, trades assistants, natural scientists, teachers, sales representatives, technicians, etc.

The procedure has been supplemented by an examination of the frequency distribution of occupation responses obtained in censuses and surveys. A keyword search of these responses yielded large clusters of occupation titles such as plant operator, machine operator, factory hand, labourer, trades assistant, salesman, clerk, manager, etc. The lists of tasks given as the main tasks of these occupations were analysed in conjunction with the relevant titles. It was then found that the most frequently occurring clusters of tasks corresponded well with the clusters of primary tasks obtained as a result of the content analysis of the ASCO occupation descriptions.

Hence the specific variables used to measure skill specialisation are similar to those traditionally used in the development of occupation classifications. The approach used in ASCO is essentially to extract the skill level dimension first and then to classify occupations within skill levels on the basis of skill specialisation interpreted in an

appropriate manner for each particular skill level. An examination of the ASCO structure will reveal the obvious correlation between skill level and the particular interpretation of skill specialisation.

For example, occupations in Major Group 2, Professionals, are classified into minor groups on the basis of field of knowledge required for the performance of the tasks: Natural Scientists, Building Professionals and Engineers, Health Diagnosis and Treatment Practitioners, etc. Occupations in Minor Group 21, Natural Scientists, are classified into unit groups on the basis of more specific categories of field of knowledge: Chemists, Geologists and Geophysicists, Physicists, Life Scientists, Medical Testing Professionals, and Other Natural Scientists.

On the other hand, occupations in Major Group 7, Plant and Machine Operators and Drivers, are classified into minor groups on the basis of the tools or equipment used or operated in the performance of the tasks: Road and Rail Transport Drivers, Mobile Plant Operators (except Transport), Stationary Plant Operators, and Machine Operators. Occupations in Minor Group 71, Road and Rail Transport Drivers, are classified into unit groups on the basis of more specific categories of tools or equipment used or operated: Bus and Tram Drivers, Automobile Drivers, Truck Drivers, and Locomotive Drivers.

The Application of the Criteria

Although the selection and operational definition of the classification criteria provides the basis for the construction of the classification there is considerable scope for debate on the relative emphasis to be given to skill level and skill specialisation at each level of the classification.

To solve this problem, two quantitative measures were developed that can be used to assess the degree to which a particular structure achieves the basic objective.

The two measures are defined as properties of the cells of the classification so that they can be applied at unit, minor and major group levels. They are defined as follows:

A task is primary to a cell if it is listed in the cell description.

Cell homogeneity is the ratio of the number of occupations in a given cell whose primary tasks are primary to the cell to the total number of occupations in the cell.

Cell coverage is the ratio of the number of occupations in a given cell whose primary tasks are primary to the cell to the total number of occupations having the same primary tasks.

The following example will illustrate the simplicity of the above concepts. Suppose there exist a number of occupations whose primary tasks involve selling and suppose there exists a major group entitled Salespersons. To maximise cell homogeneity would require that the majority of occupations classified to the major group Salespersons would list selling as their primary task. Similarly, to maximise cell coverage, would require that the majority of occupations whose primary tasks are selling should be classified in the Sales major group.

The quantitative evaluation of the classification in terms of these concepts has had to await the development of the occupation and group definitions to a sufficient standard of completeness and consistency. To date, this form of evaluation has only been undertaken in an intuitive way but it will provide a framework for future review and possible revision.

The major groups of the classification are distinguished principally on the basis of the skill level criterion. However, at this very broad level of aggregation, it is difficult to design groups which are as homogeneous as some users might wish. The minor groups are distinguished from each other principally on the basis of a broad band of values of the skill specialisation criterion; the unit groups and occupations are

distinguished principally on the basis of a progressively narrower range of values of the same criterion.

Design Constraints

ASCO was developed for the specific practical applications outlined in the opening paragraph. Although the structure is based on the conceptual model described above, it was constrained by practical considerations such as the framework of Australian economic and social institutions, the relative significance of particular occupations in the Australian labour force, data collection possibilities in statistical censuses and surveys, and user demand for statistics on particular categories of occupations. It was also constrained by the need for the structure to have sufficient intuitive appeal to provide the basis for its acceptance as a national standard classification.

The structure of some major groups in the classification has been constrained by the Australian institutional framework. The most notable example is Major Group 4, Tradespersons. ASCO has closely followed an existing and widely accepted classification of tradespersons used by all State Apprenticeship Committees. While it may have been possible to develop a conceptually superior classification of occupations in this major group, it was decided that the advantages of incorporating an existing standard were more important. Further, during the design of the structure, specific reference was made to the existence of trades courses in the majority of the States before it was decided to classify occupations to this major group rather than another. There are some exceptions to this rule where occupations have been classified as trades although no trades courses yet exist, e.g. sheep shearers.

Another factor which influenced the final structure of the classification was the design objective of producing a structure which is statistically balanced. For example, since there are eight major groups in the classification, the average size of a major group is 12.5% of the labour force. A group which is smaller than 5% of the labour force is not by definition a 'major' group. In practice, the approximate size of the major groups ranges from 5.5% to 18%. A similar design constraint was imposed at all levels of the classification.

Hence, the occupations defined in the classification have been identified on the basis of their significance in the Australian labour force. A somewhat arbitrary limit of 300 was set as the minimum number of jobs in a group before it was given the status of a principal occupation in ASCO. Groups of jobs smaller than this are given the status of specialisations of the principal occupations.

The nicety of the classification has also been compromised by limitations imposed by data collection possibilities in statistical censuses and surveys. An extensive program of operational testing was conducted by the ABS to ensure the statistical feasibility of categories defined at all levels of the structure. When prototype structures for the classification were first developed, they were extensively tested on data obtained in regular ABS collections such as the Labour Force Survey and the Employer Survey. They were also tested in the extensive development program for the 1986 Census of Population and Housing.

At the same time, a very significant research program was conducted to improve the quality of data obtained in all major ABS collections. Significant improvements in data quality were achieved in all these collections and this reduced the need to compromise the structure of the classification. However, when particular segments of the structure still posed problems in a number of different collections there was no choice but to modify the classification. In general, distinctions between categories which proved difficult to draw on the basis of available data were relegated to the lower levels of the classification.

A number of examples will illustrate the significant effect which this has had on the structure of ASCO. Operational testing revealed that it was not possible to distinguish reliably between apprentices and tradespersons without asking a number of additional questions just on this issue. Similarly, it was found that it was not possible to distinguish between supervisors and the workers they supervise without asking a number of additional questions on the specific issue of supervision.

In order to minimize the imposition on respondents, the ABS limits the number of questions which can be devoted to any one topic in any given collection. Since the classification was designed so that the unit group level would be the principal statistical collection level, both of these distinctions are now made only at the occupation level of the structure.

Another constraint on the nicety of the classification has been imposed by the requirements of significant users for a particular set of occupations to be grouped together (or otherwise) for statistical purposes. For example, there was a strong user demand for all tertiary teachers to be classified together as teachers rather than as economists, political scientists, engineers, carpenters, welders, plumbers etc. This demand was reinforced by the results of feasibility testing which revealed that, when tertiary teachers were asked about their occupation, most of them did not state their field of specialisation. In short, the only feasible solution was to classify them simply as tertiary teachers.

Lastly, the structure has been constrained by the design objective of producing major and minor groups which have some intuitive appeal and some minimum level of comparability with other major national and international occupation classifications. A number of prototype structures were developed on the basis of a more strict application of the ASCO criteria but these were not intuitively appealing. They were discarded as unlikely to provide the basis for a widely accepted national standard classification.

Thus, although the structure is based on the conceptual model outlined in this section, the reader will note some instances where the classification criteria have been applied with less precision. Most of these instances can be explained by the operation of some of the constraints mentioned above.

ASCO

STATISTICAL CLASSIFICATION

PART 2

STRUCTURE AND GROUP DEFINITIONS

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SUMMARY OF ASCO CRITERIA

The structure of ASCO is based on kind of work, defined in terms of two broad criteria - skill level and skill specialisation.

SKILL LEVEL

The skill level of an occupation is a function of the range and complexity of the set of tasks involved.

It is measured by the amount of formal education, on-the-job training and previous experience usually necessary for the satisfactory performance of the set of tasks.

Formal education consists of three types - primary, secondary and tertiary education. Secondary education is measured as the combined total of years of primary and secondary schooling. Tertiary education is divided into categories consistent with those recognized by the Australian Council of Awards in Advanced Education and the Technical and Further Education Advisory Council.

On-the-job training is defined as training received after employment in the job and is measured in weeks, months or years.

Previous experience for a given occupation is defined as the number of years of experience gained in other occupations which contribute to the satisfactory performance of the set of tasks.

SKILL SPECIALISATION

This criterion is used to group occupations according to type, rather than level, of skill.

It is measured by:

- . field of knowledge;
- . tools or equipment used;
- . materials worked on;
- . goods or services produced.

(1) Field of knowledge

This variable indicates the subject matter which is essential to the tasks performed.

(2) Tools or equipment used

This variable indicates the plant, machinery or hand tools used in the performance of the tasks.

The terms 'plant', 'machinery' and 'hand tools' are defined as follows:

- . plant - mobile or stationary equipment, which is large in size, performs several related functions, and is usually controlled by an internally located operator;
- . machinery - usually stationary equipment, which is not as large as plant, performs one processing function and is usually controlled by an externally located operator;
- . hand tools - equipment which is small enough to be moved and operated by one person.

(3) Materials worked on

This variable indicates the materials which are processed, refined or fabricated as an essential part of the tasks performed.

(4) Goods or services produced

This variable indicates the goods or services which are produced as a result of the tasks performed.

PROFILE OF THE ASCO STRUCTURE

LEVELS IN THE STRUCTURE

The structure of ASCO has four levels:

- . major group
- . minor group
- . unit group
- . occupation.

Major Groups are:

- . the broadest level of the classification
- . denoted by 1-digit codes
- . distinguished from each other on the basis of skill level.

There are 8 Major Groups.

Minor Groups are:

- . subdivisions of the major groups
- . denoted by 2-digit codes (the relevant major group code, plus an additional digit)
- . distinguished from other minor groups in the same major group on the basis of broadly stated skill specialisation

There are 52 Minor Groups.

Unit Groups are:

- . subdivisions of the minor groups
- . denoted by 4-digit codes (the relevant minor group code, plus 2 additional digits)
- . distinguished from other unit groups in the same minor group on the basis of a finer degree of skill specialisation

There are 282 Unit Groups.

Occupations are:

- . subdivisions of the unit groups;
- . denoted by 6-digit codes (the relevant unit group code, plus a hyphen and 2 additional digits);
- . distinguished from other occupations in the same unit group on the basis of detailed skill level and specialisation
- . sets of jobs which involve the performance of a common set of tasks.

There are 1079 Occupations.

The following example illustrates these conventions:

LEVEL	CODE	TITLE
Major group	2	Professionals
Minor group	28	Artists and Related Professionals
Unit group	2805	Designers and Illustrators
Occupation	2805-13	Graphic Designer

RESERVED CODES

Occupation and unit group codes in ASCO end in odd digits to allow for future expansion without need for substantial re-numbering.

Certain codes are reserved for residual categories and for supervisory and trainee occupations.

Residual Categories

A set of codes is reserved for residual categories at the minor group, unit group and occupation levels. These categories cover elements not included in substantive categories at various levels in the classification.

The reserved codes are:

- M9uu-oo at minor group level
- Mm99-oo at unit group level
- Mmuu-99 at occupation level

(where Mmuu is the unit group code and Mmuu-oo the occupation code)

Most groups in ASCO contain a number of substantive subsets at the next lower level. Each subset was created by selecting occupations or groups of occupations which are similar in terms of the classification criteria. In many cases, however, some occupations remain which have nothing in common except that they all belong to the same broader group. As a result, the substantive subsets together do not correspond to the entire group. For example, not everything in the Minor Group

82 Agricultural Labourers and Related Workers

is covered by the substantive Unit Groups

- 8201 Farm Hands and Assistants
- 8203 Forestry Labourers
- and
- 8205 Nursery and Garden Labourers.

Consequently categories have been created to cover the remaining elements. These are called 'residual categories'. In the above example, the residual Unit Group

8299 Other Agricultural Labourers and Related Workers

was created to cover the balance of Minor Group 82.

ASCO uses several terms to indicate residual categories - 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories are less homogeneous than other groups at the same level, but are required to ensure that the structure is exhaustive at all levels.

Reserved Codes at Occupation Level

At the occupation level there are two sets of reserved codes - those for supervisors, and those for trainees.

Supervisory codes have a zero in the first column following the hyphen. They range from Mmuu-01 to Mmuu-09.

The term 'supervisor' covers foremen/women, superintendents, overseers and other workers who both supervise and participate in the work of a team of Clerks, Salespersons and Personal Service Workers, Tradespersons, Plant and Machine Operators and Drivers and/or Labourers and Related Workers.

Trainee codes have a nine in the first column following the hyphen. They range from Mmuu-91 to Mmuu-97.

The term 'trainee' covers employed persons undertaking a period of on-the-job training, whether or not in conjunction with formal study for a particular occupation. They may or may not be apprenticed or otherwise indentured.

SUPPLEMENTARY CODES

Supplementary codes are used to process inadequately described responses in statistical collections. The codes are of two types - those commencing with '9' and those ending with one or more zeros.

Codes commencing with '9' are used to process responses which do not provide sufficient information to be coded to any level of the structure. They may also be used to process responses which are not covered by the current definition of the labour force (as defined by the International Labour Office) and are thus not contained within the structure, for example, 'housewife', 'pensioner' and 'student'.

Codes ending in one or more zeros are used to process responses which do not provide sufficiently detailed information to be coded to the level of the structure adopted for the collection, but which do provide enough information to be coded to a higher level of the structure. Thus, for example, responses which are codable only at the major or minor group levels can be processed within a collection coded at the unit group level. The following table details the use of these codes for relevant levels of the structure.

COLLECTION CODED TO	CODE	RESPONSE CODABLE ONLY TO
minor group	M0	major group
unit group	M000 Mm00	major group minor group
occupation	M000-00 Mm00-00 Mmuu-00	major group minor group unit group

(Where M is a major group code, Mm is a minor group code, and Mmuu is a unit group code.)

NAMING CONVENTIONS

1. Titles at all levels are designed to illustrate the mutually exclusive nature of the groups and occupations. For this reason most titles are unique to one group or occupation. However, there are some groups which contain only one subset, and therefore possess exactly the same title as that subset.

2. All substantive terms in ASCO titles appear as nouns rather than adjectives.

3. At major, minor and unit group levels titles are in plural form, but occupation titles, including alternative and specialisation titles, are in singular form.

4. ASCO uses three terms to indicate residual categories: 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories always occur at the end of lists and their codes end in '9' as described above in the section, Reserved Codes.

5. Gender-neutral terms have been used in all titles, with the exception of some titles used by the Defence Forces.

6. Some commonly-used terms have restricted meanings in ASCO. These are defined above in Summary of ASCO Criteria, and in specific group definitions.

DISTRIBUTION OF MAJOR, MINOR, UNIT GROUPS AND OCCUPATIONS

MAJOR GROUPS	MINOR GROUPS	UNIT GROUPS	OCCUPATIONS
1. Managers and Administrators	6	21	60
2. Professionals	9	62	191
3. Para-professionals	6	22	113
4. Tradespersons	9	60	275
5. Clerks	7	23	72
6. Salespersons and Personal Service Workers	6	20	82
7. Plant and Machine Operators, and Drivers	4	40	162
8. Labourers and Related Workers	5	34	124

MAJOR GROUPS

- 1 MANAGERS AND ADMINISTRATORS**
- 2 PROFESSIONALS**
- 3 PARA-PROFESSIONALS**
- 4 TRADESPERSONS**
- 5 CLERKS**
- 6 SALESPERSONS AND PERSONAL SERVICE WORKERS**
- 7 PLANT AND MACHINE OPERATORS, AND DRIVERS**
- 8 LABOURERS AND RELATED WORKERS**

- 1 **MANAGERS AND ADMINISTRATORS**
- 11 Legislators and Government Appointed Officials
- 12 General Managers
- 13 Specialist Managers
- 14 Farmers and Farm Managers
- 15 Managing Supervisors (Sales and Service)
- 16 Managing Supervisors (Other Business)

2 PROFESSIONALS

- 21 Natural Scientists
- 22 Building Professionals and Engineers
- 23 Health Diagnosis and Treatment Practitioners
- 24 School Teachers
- 25 Other Teachers and Instructors
- 26 Social Professionals
- 27 Business Professionals
- 28 Artists and Related Professionals
- 29 Miscellaneous Professionals

3 PARA-PROFESSIONALS

- 31 Medical and Science Technical Officers and Technicians
- 32 Engineering and Building Associates and Technicians
- 33 Air and Sea Transport Technical Workers
- 34 Registered Nurses
- 35 Police
- 39 Miscellaneous Para-Professionals

4 TRADESPERSONS

- 41 Metal Fitting and Machining Tradespersons
- 42 Other Metal Tradespersons
- 43 Electrical and Electronics Tradespersons
- 44 Building Tradespersons
- 45 Printing Tradespersons
- 46 Vehicle Tradespersons

- 47 Food Tradespersons
- 48 Amenity Horticultural Tradespersons
- 49 Miscellaneous Tradespersons

5 CLERKS

- 51 Stenographers and Typists
- 52 Data Processing and Business Machine Operators
- 53 Numerical Clerks
- 54 Filing, Sorting and Copying Clerks
- 55 Material Recording and Despatching Clerks
- 56 Receptionists, Telephonists and Messengers
- 59 Miscellaneous Clerks

6 SALESPERSONS AND PERSONAL SERVICE WORKERS

- 61 Investment, Insurance and Real Estate Salespersons
- 62 Sales Representatives
- 63 Sales Assistants
- 64 Tellers, Cashiers and Ticket Salespersons
- 65 Miscellaneous Salespersons
- 66 Personal Service Workers

7 PLANT AND MACHINE OPERATORS, AND DRIVERS

- 71 Road and Rail Transport Drivers
- 72 Mobile Plant Operators (except Transport)
- 73 Stationary Plant Operators
- 74 Machine Operators

8 LABOURERS AND RELATED WORKERS

- 81 Trades Assistants and Factory Hands
- 82 Agricultural Labourers and Related Workers
- 83 Cleaners
- 84 Construction and Mining Labourers
- 89 Miscellaneous Labourers and Related Workers

1	MANAGERS AND ADMINISTRATORS	2101	Chemists
11	LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS	2103	Geologists and Geophysicists
1101	Parliamentarians, Councillors and Government Representatives	2105	Physicists
1103	Judges, Magistrates and Mediators	2107	Life Scientists
12	GENERAL MANAGERS	2109	Medical Testing Professionals
1201	General Managers	2199	Other Natural Scientists
13	SPECIALIST MANAGERS	22	BUILDING PROFESSIONALS AND ENGINEERS
1301	Finance Managers	2201	Architects and Landscape Architects
1303	Sales and Marketing Managers	2203	Quantity Surveyors
1305	Production Managers	2205	Cartographers and Surveyors
1307	Supply and Distribution Managers	2207	Chemical Engineers
1309	Personnel and Industrial Relations Managers	2209	Civil Engineers
1311	Data Processing Managers	2211	Electrical and Electronics Engineers
1313	Public Policy Managers	2213	Mechanical Engineers
1315	Directors of Nursing	2215	Mining Engineers
1317	Education Managers	2217	Metallurgists and Materials Scientists
1319	Commissioned Officers (Management)	2219	Other Engineers
1399	Other Specialist Managers	23	HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS
14	FARMERS AND FARM MANAGERS	2301	General Medical Practitioners
1401	Farmers and Farm Managers	2303	Specialist Medical Practitioners
15	MANAGING SUPERVISORS (SALES AND SERVICE)	2305	Dental Practitioners
1501	Shop Managers	2307	Pharmacists
1503	Restaurant and Catering Managing Supervisors	2309	Occupational Therapists
1505	Accommodation and Tavern Managing Supervisors	2311	Optometrists
1507	Financial Institution Branch Managers	2313	Physiotherapists
1599	Other Managing Supervisors (Sales and Service)	2315	Speech Pathologists
16	MANAGING SUPERVISORS (OTHER BUSINESS)	2317	Chiropractors and Osteopaths
1601	Managing Supervisors (Other Business)	2319	Podiatrists
2	PROFESSIONALS	2321	Radiographers
21	NATURAL SCIENTISTS	2323	Veterinarians
		2399	Other Health Diagnosis and Treatment Practitioners
		24	SCHOOL TEACHERS
		2401	Pre-Primary School Teachers
		2403	Primary School Teachers
		2405	Secondary School Teachers
		2407	Special Education Teachers

UNIT GROUPS

ASCO STRUCTURE

25 OTHER TEACHERS AND INSTRUCTORS

- 2501 University and CAE Teachers
 2503 TAFE Teachers
 2505 Extra-Systemic Teachers and Instructors

26 SOCIAL PROFESSIONALS

- 2601 Social Workers
 2603 Counsellors
 2605 Lawyers
 2607 Ministers of Religion

27 BUSINESS PROFESSIONALS

- 2701 Accountants
 2703 Public Relations Officers
 2705 Personnel Specialists
 2707 Computing Professionals
 2799 Other Business Professionals

28 ARTISTS AND RELATED PROFESSIONALS

- 2801 Painters, Sculptors and Related Professionals
 2803 Photographers
 2805 Designers and Illustrators
 2807 Journalists
 2809 Authors and Related Professionals
 2811 Film, Television and Stage Directors
 2813 Dancers and Choreographers
 2815 Musicians, Composers and Related Professionals
 2817 Actors and Related Professionals
 2819 Announcers

29 MISCELLANEOUS PROFESSIONALS

- 2901 Economists
 2903 Psychologists
 2905 Education Researchers and Related Professionals
 2907 Other Social Scientists
 2909 Mathematicians, Statisticians and Actuaries
 2911 Librarians
 2999 Other Professionals

3 PARA-PROFESSIONALS**31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS**

- 3101 Medical Technical Officers and Technicians
 3103 Science Technical Officers and Technicians

32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

- 3201 Electrical and Electronic Engineering Associates and Technicians
 3203 Civil Engineering Associates and Technicians
 3205 Mechanical Engineering Associates and Technicians
 3207 Building, Architectural and Surveying Associates and Technicians
 3299 Other Engineering and Building Associates and Technicians

33 AIR AND SEA TRANSPORT TECHNICAL WORKERS

- 3301 Aircraft Pilots
 3303 Air Transport Operating Support Workers
 3305 Ship's Pilots and Deck Officers
 3307 Marine Engineers and Surveyors

34 REGISTERED NURSES

- 3401 Registered Nurses

35 POLICE

- 3501 Police

39 MISCELLANEOUS PARA-PROFESSIONALS

- 3901 Welfare Para-Professionals
 3903 Performing Arts Support Workers
 3905 Inspectors and Regulatory Officers
 3907 Child Care Co-Ordinators
 3909 Ambulance Officers
 3911 Prison Officers
 3913 Procurement Officers
 3915 Sportspersons and Related Workers
 3999 Other Para-Professionals

4 TRADESPERSONS

ASCO STRUCTURE

UNIT GROUPS

41 METAL FITTING AND MACHINING TRADESPERSONS

- 4101 Toolmakers
- 4103 Metal Fitters and Machinists

42 OTHER METAL TRADESPERSONS

- 4201 Forging Tradespersons
- 4203 Sheetmetal Tradespersons
- 4205 Structural Steel, Boilermaking and Welding Tradespersons
- 4207 Metal Casting Tradespersons
- 4209 Metal Finishing Tradespersons
- 4211 Aircraft Maintenance Engineers
- 4213 Precision Metal Tradespersons

43 ELECTRICAL AND ELECTRONICS TRADESPERSONS

- 4301 Electrical Powerline Tradespersons
- 4303 Electrical Fitters
- 4305 Automotive Electricians
- 4307 Refrigeration and Air-Conditioning Mechanics
- 4309 Electrical Mechanics
- 4311 Communications Equipment Tradespersons
- 4313 Radio and Television Servicers
- 4315 Office Equipment and Computer Servicers
- 4399 Other Electrical and Electronics Tradespersons

44 BUILDING TRADESPERSONS

- 4401 Carpenters and Joiners
- 4403 Bricklayers
- 4405 Painters, Decorators and Signwriters
- 4407 Plasterers
- 4409 Plumbers
- 4411 Roof Slaters and Tilers
- 4413 Wall and Floor Tilers

45 PRINTING TRADESPERSONS

- 4501 Compositors
- 4503 Graphic Reproduction Tradespersons
- 4505 Printing Machinists
- 4507 Binders and Finishers
- 4509 Stereotypers and Electrottypers

- 4511 Screen Printers

46 VEHICLE TRADESPERSONS

- 4601 Vehicle Mechanics
- 4603 Panel Beaters
- 4605 Vehicle Painters
- 4607 Vehicle Body Makers
- 4609 Vehicle Trimmers

47 FOOD TRADESPERSONS

- 4701 Meat Tradespersons
- 4703 Bakers and Pastrycooks
- 4705 Cooks
- 4799 Other Food Tradespersons

48 AMENITY HORTICULTURAL TRADESPERSONS

- 4801 Nurserymen/women
- 4803 Greenkeepers
- 4805 Gardeners

49 MISCELLANEOUS TRADESPERSONS

- 4901 Wood Machinists and Turners
- 4903 Cabinetmakers
- 4905 Other Wood Tradespersons
- 4907 Marine Construction Tradespersons
- 4909 Blasting Tradespersons
- 4911 Garment Tradespersons
- 4913 Upholsterers and Bedding Tradespersons
- 4915 Shoemaking and Repairing Tradespersons
- 4917 Other Leather and Canvas Tradespersons
- 4919 Floor Coverers
- 4921 Glass Tradespersons
- 4923 Jewellery and Precious Metalware Tradespersons
- 4925 Craftworkers
- 4927 Hairdressers
- 4929 Sheep Shearers
- 4931 Animal Trainers
- 4999 Other Tradespersons

5 CLERKS

UNIT GROUPS

ASCO STRUCTURE

51	STENOGRAPHERS AND TYPISTS
5101	Office Secretaries and Stenographers
5103	Typists and Typist-Clerks
5105	Word Processing Operators
52	DATA PROCESSING AND BUSINESS MACHINE OPERATORS
5201	Data Processing Machine Operators
5203	Business Machine Operators
53	NUMERICAL CLERKS
5301	Accounting Clerks
5303	Insurance and Broking Clerks
5305	Statistical and Actuarial Clerks
54	FILING, SORTING AND COPYING CLERKS
5401	Library and Filing Clerks
5403	Mail Sorters
5499	Other Filing, Sorting and Copying Clerks
55	MATERIAL RECORDING AND DESPATCHING CLERKS
5501	Production Recording Clerks
5503	Transport Recording and Despatching Clerks
5505	Stock and Purchasing Clerks
56	RECEPTIONISTS, TELEPHONISTS AND MESSENGERS
5601	Receptionists and Information Clerks
5603	Telephonists
5605	Messengers and Delivery Officers
59	MISCELLANEOUS CLERKS
5901	Collection Clerks
5903	Teachers' Aides
5905	Personnel Clerks
5907	Legal and Related Clerks
5909	Postal Clerks and Officers
5999	Other Clerks
6	SALESPERSONS AND PERSONAL SERVICE WORKERS

61	INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS
6101	Securities and Finance Dealers
6103	Insurance Brokers and Agents
6105	Real Estate Salespersons and Property Managers
6199	Other Investment, Insurance and Real Estate Salespersons
62	SALES REPRESENTATIVES
6201	Sales Representatives
63	SALES ASSISTANTS
6301	Sales Assistants
64	TELLERS, CASHIERS AND TICKET SALESPERSONS
6401	Tellers
6403	Cashiers
6405	Ticket Salespersons
65	MISCELLANEOUS SALESPERSONS
6501	Street Vendors, Canvassers and Sales Drivers
6503	Bar Attendants
6505	Waiters and Waitresses
6507	Travel Agents
6599	Other Salespersons
66	PERSONAL SERVICE WORKERS
6601	Child Care, Refuge and Related Workers
6603	Enrolled Nurses
6605	Dental Nurses
6607	Home Companions and Aides
6609	Travel Stewards
6699	Other Personal Service Workers
7	PLANT AND MACHINE OPERATORS, AND DRIVERS
71	ROAD AND RAIL TRANSPORT DRIVERS
7101	Bus and Tram Drivers
7103	Automobile Drivers
7105	Truck Drivers
7107	Locomotive Drivers

ASCO STRUCTURE

UNIT GROUPS

72 MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

7201	Excavating and Earthmoving Plant Operators
7203	Forklift and Related Drivers
7205	Logging Plant Operators
7207	Paving and Surfacing Plant Operators
7209	Agricultural Plant Operators
7211	Fire Fighters
7299	Other Mobile Plant Operators (except Transport)

73 STATIONARY PLANT OPERATORS

7301	Power Generation Plant Operators
7303	Engine and Boiler Operators (except Power Generation)
7305	Chemical Plant Operators
7307	Petroleum and Gas Plant Operators
7309	Bulk Materials Handling Plant Operators
7311	Crane Operators
7313	Hoist, Winch and Lift Operators
7315	Furnace and Kiln Operators
7317	Drilling Plant Operators
7399	Other Stationary Plant Operators

74 MACHINE OPERATORS

7401	Basic Metal Products Machine Operators
7403	Metal Press Operators
7405	Other Metal Products Machine Operators
7407	Plastics Production Machine Operators
7409	Rubber Production Machine Operators
7411	Chemical Production Machine Operators
7413	Wood Processing Machine Operators
7415	Paper and Paper Products Machine Operators
7417	Glass Production Machine Operators
7419	Clay and Stone Processing Machine Operators
7421	Yarn Production Machine Operators
7423	Hide and Skin Processing Machine Operators

7425	Fabric Production Machine Operators
7427	Textile Sewing Machinists
7429	Shoemaking Machine Operators
7431	Food Processing Machine Operators
7433	Packaging Machine Operators
7435	Photographic Products Machine Operators
7499	Other Machine Operators

8 LABOURERS AND RELATED WORKERS

81 TRADES ASSISTANTS AND FACTORY HANDS

8101	Trades Assistants
8103	Assemblers
8105	Hand Packers
8107	Industrial Spray Painters
8109	Quality Controllers
8199	Other Trades Assistants and Factory Hands

82 AGRICULTURAL LABOURERS AND RELATED WORKERS

8201	Farm Hunds and Assistants
8203	Forestry Labourers
8205	Nursery and Garden Labourers
8299	Other Agricultural Labourers and Related Workers

83 CLEANERS

8301	Cleaners
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84 CONSTRUCTION AND MINING LABOURERS

8401	Installation Workers
8403	Concrete Workers
8405	Structural Steel and Related Construction Labourers
8407	Earthmoving Labourers
8409	Paving and Surfacing Labourers
8411	Survey Hands
8413	Railway Labourers
8415	Mining and Mineral Ore Treating Labourers
8499	Other Construction and Mining Labourers

UNIT GROUPS**ASCO STRUCTURE**

89	MISCELLANEOUS LABOURERS AND RELATED WORKERS
8901	Ushers and Door Attendants
8903	Luggage Porters
8905	Garbage Collectors
8907	Storemen/women
8909	Freight and Furniture Handlers
8911	Guards and Security Officers
8913	Caretakers
8915	Housekeepers
8917	Laundry Workers
8919	Kitchenhands
8921	Ward Helpers
8923	Vehicle Accessories Fitters
8925	Fishermen/women, Deckhands and Seamen/women
8999	Other Labourers and Related Workers

1	MANAGERS AND ADMINISTRATORS	1309	PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS
		1309-11	Personnel and Industrial Relations Manager
11	LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS	1311	DATA PROCESSING MANAGERS
		1311-11	Data Processing Manager
1101	PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES	1313	PUBLIC POLICY MANAGERS
1101-11	Member of Parliament	1313-11	Public Policy Manager
1101-99	Parliamentarians, Councillors and Government Representatives nec	1315	DIRECTORS OF NURSING
		1315-11	Director of Nursing
1103	JUDGES, MAGISTRATES AND MEDIATORS	1317	EDUCATION MANAGERS
1103-11	Coroner	1317-11	School Principal
1103-13	Judge	1317-99	Education Managers nec
1103-15	Magistrate		
1103-17	Administrative Appeals Tribunal Member	1319	COMMISSIONED OFFICERS (MANAGEMENT)
1103-19	Industrial Tribunal Member	1319-11	Commissioned Police Officer
		1319-13	Commissioned Fire Officer
12	GENERAL MANAGERS	1319-15	Commissioned Defence Force Officer (Management)
		1319-91	Trainee Officer (Defence Forces)
1201	GENERAL MANAGERS	1399	OTHER SPECIALIST MANAGERS
1201-11	General Manager	1399-11	Engineering Manager
		1399-13	Research Manager
		1399-99	Specialist Managers nec
13	SPECIALIST MANAGERS	14	FARMERS AND FARM MANAGERS
1301	FINANCE MANAGERS	1401	FARMERS AND FARM MANAGERS
1301-11	Finance Manager	1401-11	Grain, Oilseed and Pasture Grower
		1401-13	Sugar Cane Grower
1303	SALES AND MARKETING MANAGERS	1401-15	Tobacco Grower
1303-11	Sales and Marketing Manager	1401-17	Beef Cattle Farmer
		1401-19	Dairy Farmer
1305	PRODUCTION MANAGERS	1401-21	Sheep Farmer
1305-11	Production Manager (Manufacturing and Mining)	1401-23	Pig Farmer
1305-13	Producer (Media)		
1307	SUPPLY AND DISTRIBUTION MANAGERS		
1307-11	Supply and Distribution Manager		

OCCUPATIONS

ASCO STRUCTURE

1401-25	Poultry Farmer
1401-27	Horse Breeder
1401-29	Mixed Farmer
1401-31	Fruit and Nut Grower
1401-33	Vegetable Grower
1401-35	Apiarist
1401-91	Trainee Farmer
1401-99	Farmers and Farm Managers nec
15	MANAGING SUPERVISORS (SALES AND SERVICE)
1501	SHOP MANAGERS
1501-11	Shop Manager
1503	RESTAURANT AND CATERING MANAGING SUPERVISORS
1503-11	Restaurant and Catering Managing Supervisor
1505	ACCOMMODATION AND TAVERN MANAGING SUPERVISORS
1505-11	Hotel/Motel Manager
1505-13	Caravan Park Manager
1505-99	Accommodation and Tavern Managing Supervisors nec
1507	FINANCIAL INSTITUTION BRANCH MANAGERS
1507-11	Financial Institution Branch Manager
1599	OTHER MANAGING SUPERVISORS (SALES AND SERVICE)
1599-11	Hairdressing Establishment Managing Supervisor
1599-13	Sports Centre Manager
1599-15	Postmaster/mistress
1599-17	Real Estate Agency Manager
1599-19	Bookmaker
1599-21	Railway Station Master/Mistress
1599-99	Managing Supervisors (Sales and Service) nec

16	MANAGING SUPERVISORS (OTHER BUSINESS)
1601	MANAGING SUPERVISORS (OTHER BUSINESS)
1601-11	Importer-Exporter
1601-13	Professional Builder
1601-15	Building Contractor
1601-17	Wholesaler
1601-19	Manufacturer
1601-99	Managing Supervisors (Other Business) nec

2 PROFESSIONALS

21 NATURAL SCIENTISTS

2101 CHEMISTS

2101-11 Chemist

2103 GEOLOGISTS AND GEOPHYSICISTS

2103-11 Geologist

2103-13 Geophysicist

2105 PHYSICISTS

2105-11 Physicist

2107 LIFE SCIENTISTS

2107-11 Anatomist

2107-13 Physiologist

2107-15 Biochemist

2107-17 Biophysicist

2107-19 Botanist

2107-21 Ecologist

2107-23 Zoologist

2107-25 Forester

2107-27 Agricultural Extension Officer

2107-99 Life Scientists nec

2109 MEDICAL TESTING PROFESSIONALS

2109-11 Medical Laboratory Scientist

2109-13 Clinical Physical Scientist

2199 OTHER NATURAL SCIENTISTS

2199-11 Environmental Scientist

2199-13 Soil Scientist

2199-15 Meteorologist

22 BUILDING PROFESSIONALS AND ENGINEERS

2201 ARCHITECTS AND LANDSCAPE ARCHITECTS

2201-11 Architect

2201-13 Landscape Architect

2203 QUANTITY SURVEYORS

2203-11 Quantity Surveyor

2205 CARTOGRAPHERS AND SURVEYORS

2205-11 Cartographer

2205-13 Surveyor

2207 CHEMICAL ENGINEERS

2207-11 Chemical Engineer

2209 CIVIL ENGINEERS

2209-11 Civil Engineer

2211 ELECTRICAL AND ELECTRONICS ENGINEERS

2211-11 Electrical Engineer

2211-13 Electronics Engineer

2213 MECHANICAL ENGINEERS

2213-11 Mechanical Engineer

2215 MINING ENGINEERS

2215-11 Mining Engineer (except Petroleum)

2215-13 Petroleum Engineer

2217 METALLURGISTS AND MATERIALS SCIENTISTS

2217-11 Extractive Metallurgist

2217-13 Physical Metallurgist

2217-15 Materials Engineer

2217-17 Materials Scientist

2219 OTHER ENGINEERS

2219-11 Aeronautical Engineer

2219-13 Agricultural Engineer

2219-15 Naval Architect

2219-17 Industrial Engineer

2219-99 Engineers nec

OCCUPATIONS

ASCO STRUCTURE

23 HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS**2301 GENERAL MEDICAL PRACTITIONERS**

2301-11 General Medical Practitioner

2303 SPECIALIST MEDICAL PRACTITIONERS

2303-11 Anaesthetist

2303-13 Cardiologist

2303-15 Obstetrician and Gynaecologist

2303-17 Ophthalmologist

2303-19 Orthopaedic Specialist

2303-21 Psychiatrist

2303-23 Radiologist

2303-25 Paediatrician

2303-27 Thoracic Specialist

2303-29 Dermatologist

2303-31 Otorhinolaryngologist

2303-33 Urologist

2303-35 Surgeon

2303-37 Pathologist

2303-39 Specialist in Rehabilitation Medicine

2303-41 Specialist Physician

2303-99 Specialist Medical Practitioners nec

2305 DENTAL PRACTITIONERS

2305-11 Dentist

2305-13 Dental Specialist

2307 PHARMACISTS

2307-11 Hospital Pharmacist

2307-13 Industrial Pharmacist

2307-15 Retail Pharmacist

2309 OCCUPATIONAL THERAPISTS

2309-11 Occupational Therapist

2311 OPTOMETRISTS

2311-11 Optometrist

2313 PHYSIOTHERAPISTS

2313-11 Physiotherapist

2315 SPEECH PATHOLOGISTS

2315-11 Speech Pathologist

2317 CHIROPRACTORS AND OSTEOPATHS

2317-11 Chiropractor

2317-13 Osteopath

2319 PODIATRISTS

2319-11 Podiatrist

2321 RADIOGRAPHERS

2321-11 Medical Diagnostic Radiographer

2321-13 Medical Therapeutic Radiographer

2321-15 Nuclear Medicine Technologist

2323 VETERINARIANS

2323-11 Veterinarian

2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

2399-11 Audiologist

2399-13 Dietitian

2399-15 Orthoptist

2399-99 Health Diagnosis and Treatment Practitioners nec

24 SCHOOL TEACHERS**2401 PRE-PRIMARY SCHOOL TEACHERS**

2401-11 Pre-Primary School Teacher

2403 PRIMARY SCHOOL TEACHERS

2403-01 Senior Teacher, Infant-Primary School

2403-11 Primary School Teacher

2405 SECONDARY SCHOOL TEACHERS

ASCO STRUCTURE

OCCUPATIONS

2405-01 Senior Teacher, Secondary School

2405-11 Secondary School Teacher

2407 SPECIAL EDUCATION TEACHERS

2407-11 Resource Teacher

2407-13 Teacher of Disabled or Gifted Students

2407-99 Special Education Teachers nec

25 OTHER TEACHERS AND INSTRUCTORS

2501 UNIVERSITY AND CAE TEACHERS

2501-11 University or CAE Lecturer

2501-13 University or CAE Tutor

2503 TAFE TEACHERS

2503-01 Head of School (TAFE)

2503-11 TAFE Teacher (Trades)

2503-13 TAFE Teacher (General Education)

2505 EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS

2505-11 Art Teacher (Private)

2505-13 Music Teacher (Private)

2505-15 Dance Teacher (Private)

2505-17 Drama Teacher (Private)

2505-19 Driving Instructor

2505-21 Flying Instructor

2505-23 Ground School Instructor

2505-25 Nurse Educator

2505-99 Extra-Systemic Teachers and Instructors nec

26 SOCIAL PROFESSIONALS

2601 SOCIAL WORKERS

2601-11 Social Planner and Administrator

2601-13 Community Social Worker

2601-15 Social Case Worker

2603 COUNSELLORS

2603-11 Rehabilitation Counsellor

2603-13 Marriage Counsellor

2603-15 Family Court Counsellor

2603-17 Careers Counsellor and Adviser

2603-99 Counsellors nec

2605 LAWYERS

2605-11 Barrister

2605-13 Solicitor

2605-91 Articled Clerk

2605-99 Lawyers nec

2607 MINISTERS OF RELIGION

2607-11 Minister of Religion

27 BUSINESS PROFESSIONALS

2701 ACCOUNTANTS

2701-11 Accountant

2701-91 Trainee Accountant

2703 PUBLIC RELATIONS OFFICERS

2703-11 Public Relations Officer

2705 PERSONNEL SPECIALISTS

2705-11 Personnel Officer

2705-13 Training Officer

2705-15 Staff Development Officer

2707 COMPUTING PROFESSIONALS

2707-11 Applications Programmer

2707-13 Systems Programmer

2707-15 Analyst Programmer

2707-17 Computer Systems Analyst

2707-19 Software Engineer

2707-21 Database Administrator

2707-23 Computer Scientist

2707-25 EDP Auditor

OCCUPATIONS

ASCO STRUCTURE

- 2799 OTHER BUSINESS PROFESSIONALS**
- 2799-11 Medical Record Administrator
- 2799-13 Industrial Relations Officer
- 2799-15 Organisation and Methods Analyst
- 2799-99 Business Professionals nec

28 ARTISTS AND RELATED PROFESSIONALS

2801 PAINTERS, SCULPTORS AND RELATED PROFESSIONALS

- 2801-11 Painter (Artistic)
- 2801-13 Sculptor
- 2801-99 Painters, Sculptors and Related Professionals nec

2803 PHOTOGRAPHERS

- 2803-11 Photographer

2805 DESIGNERS AND ILLUSTRATORS

- 2805-11 Fashion Designer
- 2805-13 Graphic Designer
- 2805-15 Industrial Designer
- 2805-17 Interior Designer
- 2805-19 Illustrator

2807 JOURNALISTS

- 2807-01 Associate Editor
- 2807-11 Sub-editor
- 2807-13 Reporter
- 2807-15 Copy-writer
- 2807-91 Cadet Journalist
- 2807-99 Journalists nec

2809 AUTHORS AND RELATED PROFESSIONALS

- 2809-11 Author
- 2809-13 Book Editor
- 2809-15 Script Editor

2811 FILM, TELEVISION AND STAGE DIRECTORS

- 2811-11 Art Director (Television, Film or Stage)
- 2811-13 Casting Director
- 2811-15 Director (Film or Stage)
- 2811-17 Director of Photography
- 2811-19 Film Editor
- 2811-21 Stage Manager
- 2811-23 Director (Radio or Television)
- 2811-25 Technical Producer

2813 DANCERS AND CHOREOGRAPHERS

- 2813-11 Choreographer
- 2813-13 Dancer

2815 MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS

- 2815-11 Music Director
- 2815-13 Concert and Opera Singer
- 2815-15 Popular Singer
- 2815-17 Instrumental Musician
- 2815-19 Composer
- 2815-99 Musicians, Composers and Related Professionals nec

2817 ACTORS AND RELATED PROFESSIONALS

- 2817-11 Actor
- 2817-13 Variety Artist
- 2817-99 Actors and Related Professionals nec

2819 ANNOUNCERS

- 2819-11 Announcer

29 MISCELLANEOUS PROFESSIONALS

2901 ECONOMISTS

- 2901-11 Economist

2903 PSYCHOLOGISTS

- 2903-11 Clinical Psychologist
- 2903-13 Educational Psychologist

ASCO STRUCTURE**OCCUPATIONS**

2903-15 Occupational Psychologist

**2905 EDUCATION RESEARCHERS AND
RELATED PROFESSIONALS**

2905-11 Curriculum Development Officer

2905-13 Education Officer

2907 OTHER SOCIAL SCIENTISTS

2907-11 Urban and Regional Planner

2907-13 Geographer

2907-15 Historian

2907-99 Social Scientists nec

**2909 MATHEMATICIANS, STATISTICIANS
AND ACTUARIES**

2909-11 Mathematician

2909-13 Statistician

2909-15 Actuary

2911 LIBRARIANS

2911-11 Librarian

2999 OTHER PROFESSIONALS

2999-11 Conservator

2999-13 Archivist

2999-15 Research Workers nec

2999-17 Recreation Officer

2999-19 Interpreter

2999-21 Translator

2999-23 Intelligence Officer

2999-99 Professionals nec

3 PARA-PROFESSIONALS

**31 MEDICAL AND SCIENCE
TECHNICAL OFFICERS AND
TECHNICIANS**

**3101 MEDICAL TECHNICAL OFFICERS AND
TECHNICIANS**

3101-11 Medical Laboratory Technical Officer

3101-13 Medical Laboratory Technician

3101-15 Dental Therapist

3101-99 Medical Technical Officers and
Technicians nec

**3103 SCIENCE TECHNICAL OFFICERS AND
TECHNICIANS**

3103-11 Chemistry Technical Officer

3103-13 Chemistry Technician

3103-15 Earth Science Technical Officer

3103-17 Earth Science Technician

3103-19 Physics Technical Officer

3103-21 Physics Technician

3103-23 Textiles Technical Officer

3103-25 Life Science Technical Officer

3103-27 Life Science Technician

3103-29 Agricultural Technical Officer

3103-31 Agricultural Technician

**32 ENGINEERING AND
BUILDING ASSOCIATES AND
TECHNICIANS**

**3201 ELECTRICAL AND ELECTRONIC
ENGINEERING ASSOCIATES AND
TECHNICIANS**

3201-11 Electrical Engineering Associate

3201-13 Electrical Engineering Technician

3201-15 Electronics Engineering Associate

3201-17 Electronics Engineering Technician

**3203 CIVIL ENGINEERING ASSOCIATES
AND TECHNICIANS**

3203-11 Civil Engineering Associate

3203-13 Civil Engineering Technician

**3205 MECHANICAL ENGINEERING
ASSOCIATES AND TECHNICIANS**

3205-11 Mechanical Engineering Associate

3205-13 Mechanical Engineering Technician

**3207 BUILDING, ARCHITECTURAL AND
SURVEYING ASSOCIATES AND
TECHNICIANS**

3207-11 Building Technician

3207-13 Architectural Associate

3207-15 Surveying Associate

**3299 OTHER ENGINEERING AND
BUILDING ASSOCIATES AND
TECHNICIANS**

3299-11 Metallurgical Technician

3299-99 Engineering and Building Associates
and Technicians nec

**33 AIR AND SEA TRANSPORT
TECHNICAL WORKERS**

3301 AIRCRAFT PILOTS

3301-11 Aircraft Pilot

**3303 AIR TRANSPORT OPERATING
SUPPORT WORKERS**

3303-11 Air Traffic Controller

3303-13 Flight Service Officer

3303-15 Flight Engineer

3303-17 Airways Surveyor

3303-19 Airworthiness Surveyor

3303-21 Examiner of Flightcrew

3303-23 Aircraft Navigator

3303-25 Aircraft Crewman/woman (Military
and Rescue)

3303-27 Loadmaster

3303-91 Trainee Air Traffic Controller

3303-93 Trainee Flight Service Officer

3303-99 Air Transport Operating Support
Workers nec

OCCUPATIONS

ASCO STRUCTURE

3305 SHIP'S PILOTS AND DECK OFFICERS

- 3305-11 Ship's Captain
- 3305-13 Ship's Officer
- 3305-15 Master Fisherman/woman
- 3305-91 Cadet Deck Officer

3307 MARINE ENGINEERS AND SURVEYORS

- 3307-11 Marine Engineer
- 3307-13 Marine Engineer Surveyor
- 3307-15 Marine Surveyor
- 3307-91 Trainee Marine Engineer

34 REGISTERED NURSES**3401 REGISTERED NURSES**

- 3401-01 Nursing Supervisor
- 3401-11 Registered General Nurse
- 3401-13 Registered Community Health Nurse
- 3401-15 Registered Midwife
- 3401-17 Registered Mental Retardation Nurse
- 3401-19 Registered Psychiatric Nurse
- 3401-91 Student Registered Nurse
- 3401-99 Registered Nurses nec

35 POLICE**3501 POLICE**

- 3501-01 Police Supervisor
- 3501-11 Policeman/woman
- 3501-13 Detective

39 MISCELLANEOUS PARA-PROFESSIONALS**3901 WELFARE PARA-PROFESSIONALS**

- 3901-11 Community Worker
- 3901-13 Parole Officer
- 3901-15 Welfare Officer
- 3901-17 Youth Worker

3903 PERFORMING ARTS SUPPORT WORKERS

- 3903-01 Supervisor, Performing Arts Support Workers
- 3903-11 Sound Technician
- 3903-13 Motion Picture Camera Operator
- 3903-15 Television Equipment Operator
- 3903-17 Broadcast Transmitter Operator
- 3903-19 Light Technician
- 3903-99 Performing Arts Support Workers nec

3905 INSPECTORS AND REGULATORY OFFICERS

- 3905-01 Supervisor, Inspectors and Regulatory Officers
- 3905-11 Building Inspector
- 3905-13 Safety Inspector
- 3905-15 Primary Products Inspector
- 3905-17 Train Examiner
- 3905-19 Customs Investigator
- 3905-21 Health Inspector
- 3905-23 Arbitration Inspector
- 3905-25 Water Usage Inspector
- 3905-27 Corporate Safety Officer
- 3905-29 Insurance Assessor (except Health)
- 3905-31 Traffic Inspector
- 3905-99 Inspectors and Regulatory Officers nec

3907 CHILD CARE CO-ORDINATORS

- 3907-11 Child Care Co-ordinator

3909 AMBULANCE OFFICERS

- 3909-11 Ambulance Officer

3911 PRISON OFFICERS

- 3911-01 Chief Prison Officer
- 3911-11 Prison Officer

3913 PROCUREMENT OFFICERS

ASCO STRUCTURE**OCCUPATIONS**

3913-11 Purchasing Officer

3913-13 Commodities Buyer

3913-15 Retail Buyer

3915 SPORTSPERSONS AND RELATED WORKERS

3915-11 Coach (Sport)

3915-13 Jockey

3915-15 Other Sportspersons

3915-17 Racecourse Official

3915-19 Referee

3915-91 Apprentice Jockey

3999 OTHER PARA-PROFESSIONALS

3999-01 Supervisor, Other Para-Professionals

3999-11 Radio Telegraphist

3999-13 Museum and Art Gallery Technician

3999-15 Library Technician

3999-17 Layout Artist

3999-19 Window Dresser

3999-21 Interior Decorator

3999-23 Photographic Studio Assistant

3999-25 Photograph Retoucher

3999-27 Forms Analyst and Designer

3999-29 Credit and Loans Analyst

3999-31 Park Ranger

3999-33 Military Disciplinary Supervisor

3999-35 Wool Classer

3999-37 Hide and Skin Classer

3999-99 Para-Professionals nec

4 TRADESPERSONS

41 METAL FITTING AND MACHINING TRADESPERSONS

4101 TOOLMAKERS

4101-01 Supervisor, Toolmakers

4101-11 Toolmaker

4101-91 Apprentice Toolmaker

4103 METAL FITTERS AND MACHINISTS

4103-01 Supervisor, Metal Fitters and Machinists

4103-11 Fitter

4103-13 Metal Machinist (First Class)

4103-15 Textile Mechanic

4103-17 Die Setter

4103-19 Metal Machinist (Second Class)

4103-21 Metal Machinist (Third Class)

4103-91 Apprentice Metal Fitter and Machinist

42 OTHER METAL TRADESPERSONS

4201 FORGING TRADESPERSONS

4201-01 Supervisor, Forging Tradespersons

4201-11 Blacksmith

4201-13 Farrier

4201-91 Apprentice Forging Tradesperson

4203 SHEETMETAL TRADESPERSONS

4203-01 Supervisor, Sheetmetal Tradespersons

4203-11 Sheetmetal Worker (First Class)

4203-13 Coppersmith

4203-15 Metal Spinner

4203-17 Sheetmetal Worker (Second Class)

4203-91 Apprentice Sheetmetal Tradesperson

4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS

4205-01 Supervisor, Structural Steel, Boilermaking and Welding Tradespersons

4205-11 Metal Fabricator

4205-13 Structural Steel Tradesperson

4205-15 Pressure Welder

4205-17 Welder (First Class)

4205-19 Welder (Second Class)

4205-21 Welder (Third Class)

4205-91 Apprentice Structural Steel, Boilermaking and Welding Tradesperson

4207 METAL CASTING TRADESPERSONS

4207-01 Supervisor, Metal Casting Tradespersons

4207-11 Metal Casting Patternmaker

4207-13 Moulder and Coremaker

4207-91 Apprentice Metal Casting Tradesperson

4209 METAL FINISHING TRADESPERSONS

4209-01 Supervisor, Metal Finishing Tradespersons

4209-11 Metal Polisher

4209-13 Electroplater (First Class)

4209-15 Electroplater (Second Class)

4209-17 Electroplater (Third Class)

4209-91 Apprentice Metal Finishing Tradesperson

4211 AIRCRAFT MAINTENANCE ENGINEERS

4211-01 Supervisor, Aircraft Maintenance Engineers

4211-11 Aircraft Maintenance Engineer (Engines)

4211-13 Aircraft Maintenance Engineer (Airframes)

4211-15 Aircraft Maintenance Engineer (Electrical)

4211-17 Aircraft Maintenance Engineer (Radio)

OCCUPATIONS

ASCO STRUCTURE

4211-19 Aircraft Maintenance Engineer (Instruments)
 4211-91 Apprentice Aircraft Maintenance Engineer

4213 PRECISION METAL TRADESPERSONS

4213-01 Supervisor, Precision Metal Tradespersons
 4213-11 Precision Instrument Maker and Repairer
 4213-13 Watch and Clock Maker and Repairer
 4213-15 Locksmith
 4213-17 Saw Maker and Repairer
 4213-19 Gunsmith
 4213-21 Engraver
 4213-91 Apprentice Precision Metal Tradesperson

43 ELECTRICAL AND ELECTRONICS TRADESPERSONS

4301 ELECTRICAL POWERLINE TRADESPERSONS

4301-01 Supervisor, Electrical Powerline Tradespersons
 4301-11 Electrical Linesman/woman
 4301-13 Electrical Cable Joiner
 4301-91 Apprentice Electrical Powerline Tradesperson

4303 ELECTRICAL FITTERS

4303-01 Supervisor, Electrical Fitters
 4303-11 Electrical Equipment Fitter
 4303-13 Electrical Appliance Servicer
 4303-91 Apprentice Electrical Fitter

4305 AUTOMOTIVE ELECTRICIANS

4305-01 Supervisor, Automotive Electricians
 4305-11 Automotive Electrician
 4305-91 Apprentice Automotive Electrician

4307 REFRIGERATION AND AIR-CONDITIONING MECHANICS

4307-01 Supervisor, Refrigeration and Air-Conditioning Mechanics
 4307-11 Air-Conditioning Mechanic
 4307-13 Refrigeration Mechanic
 4307-91 Apprentice Refrigeration and Air-Conditioning Mechanic

4309 ELECTRICAL MECHANICS

4309-01 Supervisor, Electrical Mechanics
 4309-11 Electrical Mechanic
 4309-13 Electrician (Special Class)
 4309-91 Apprentice Electrical Mechanic

4311 COMMUNICATIONS EQUIPMENT TRADESPERSONS

4311-01 Supervisor, Communications Equipment Tradespersons
 4311-11 Broadcasting Tradesperson
 4311-13 Telecommunications Tradesperson
 4311-15 Telecommunications Line Serviceman/woman
 4311-91 Trainee Communications Equipment Tradesperson
 4311-99 Communications Equipment Tradespersons nec

4313 RADIO AND TELEVISION SERVICERS

4313-01 Supervisor, Radio and Television Servicers
 4313-11 Radio and Television Servicer
 4313-91 Apprentice Radio and Television Servicer

4315 OFFICE EQUIPMENT AND COMPUTER SERVICERS

4315-01 Supervisor, Office Equipment and Computer Servicers
 4315-11 Office Equipment Servicer
 4315-13 Computer Servicer
 4315-91 Trainee Office Equipment and Computer Servicer

4399 OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS

4399-01 Supervisor, Other Electrical and Electronics Tradespersons

ASCO STRUCTURE**OCCUPATIONS**

- 4399-11 Lift Mechanic
4399-13 Vending Machine Servicer
4399-99 Electrical and Electronics
Tradespersons nec

44 BUILDING TRADESPERSONS**4401 CARPENTERS AND JOINERS**

- 4401-01 Supervisor, Carpenters and Joiners
4401-11 Carpenter
4401-13 Joiner
4401-91 Apprentice Carpenter and Joiner

4403 BRICKLAYERS

- 4403-01 Supervisor, Bricklayers
4403-11 Bricklayer
4403-91 Apprentice Bricklayer

4405 PAINTERS, DECORATORS AND SIGNWRITERS

- 4405-01 Supervisor, Painters, Decorators and Signwriters
4405-11 Painter and Decorator
4405-13 Paperhanger
4405-15 Signwriter
4405-91 Apprentice Painter, Decorator and Signwriter

4407 PLASTERERS

- 4407-01 Supervisor, Plasterers
4407-11 Solid Plasterer
4407-13 Fibrous Plasterer
4407-91 Apprentice Plasterer

4409 PLUMBERS

- 4409-01 Supervisor, Plumbers
4409-11 Plumber (General)
4409-13 Gasfitter
4409-15 Drainer
4409-91 Apprentice Plumber

4411 ROOF SLATERS AND TILERS

- 4411-01 Supervisor, Roof Slaters and Tilers
4411-11 Roof Slater and Tiler
4411-91 Apprentice Roof Slater and Tiler

4413 WALL AND FLOOR TILERS

- 4413-01 Supervisor, Wall and Floor Tilers
4413-11 Wall and Floor Tiler
4413-91 Apprentice Wall and Floor Tiler

45 PRINTING TRADESPERSONS**4501 COMPOSITORS**

- 4501-01 Supervisor, Compositors
4501-11 Compositor
4501-91 Apprentice Compositor

4503 GRAPHIC REPRODUCTION TRADESPERSONS

- 4503-01 Supervisor, Graphic Reproduction Tradespersons
4503-11 Plate Preparer (Printing)
4503-13 Cylinder Preparer (Printing)
4503-15 Image Preparer (Printing)
4503-91 Apprentice Graphic Reproduction Tradesperson

4505 PRINTING MACHINISTS

- 4505-01 Supervisor, Printing Machinists
4505-11 Letterpress Printing Machinist
4505-13 Lithographic Printing Machinist
4505-15 Flexographic or Gravure Printing Machinist
4505-17 Newspaper Press Machinist (Metropolitan)
4505-19 Small Offset Printing Machinist
4505-91 Apprentice Printing Machinist

4507 BINDERS AND FINISHERS

- 4507-01 Supervisor, Binders and Finishers
4507-11 Binder and Finisher

OCCUPATIONS

ASCO STRUCTURE

4507-91 Apprentice Binder and Finisher

4509 STEREOTYPERS AND ELECTROTYPERS

4509-01 Supervisor, Stereotypers and Electrotypers

4509-11 Stereotyper and Electrotypist

4509-91 Apprentice Stereotyper and Electrotypist

4511 SCREEN PRINTERS

4511-01 Supervisor, Screen Printers

4511-11 Screen Printer

4511-91 Apprentice Screen Printer

46 VEHICLE TRADESPERSONS**4601 VEHICLE MECHANICS**

4601-01 Supervisor, Vehicle Mechanics

4601-11 Motor Mechanic

4601-13 Small Engine Mechanic

4601-91 Apprentice Motor Mechanic

4603 PANEL BEATERS

4603-01 Supervisor, Panel Beaters

4603-11 Panel Beater

4603-91 Apprentice Panel Beater

4605 VEHICLE PAINTERS

4605-01 Supervisor, Vehicle Painters

4605-11 Vehicle Painter

4605-91 Apprentice Vehicle Painter

4607 VEHICLE BODY MAKERS

4607-01 Supervisor, Vehicle Body Makers

4607-11 Vehicle Body Maker

4607-91 Apprentice Vehicle Body Maker

4609 VEHICLE TRIMMERS

4609-01 Supervisor, Vehicle Trimmers

4609-11 Vehicle Trimmer

4609-91 Apprentice Vehicle Trimmer

47 FOOD TRADESPERSONS**4701 MEAT TRADESPERSONS**

4701-01 Supervisor, Meat Tradespersons

4701-11 Butcher

4701-13 Smallgoods Maker

4701-15 Slaughterman/woman

4701-91 Apprentice Meat Tradesperson

4703 BAKERS AND PASTRYCOOKS

4703-01 Supervisor, Bakers and Pastrycooks

4703-11 Pastrycook

4703-13 Baker

4703-15 Biscuit Maker

4703-91 Apprentice Baker and Pastrycook

4705 COOKS

4705-01 Supervisor, Cooks

4705-11 Chef

4705-13 Qualified Cook

4705-91 Apprentice Cook

4705-99 Cooks nec

4799 OTHER FOOD TRADESPERSONS

4799-01 Supervisor, Other Food Tradespersons

4799-11 Miller

4799-13 Buttermaker

4799-15 Cheesemaker

4799-17 Confectioner

4799-91 Apprentice, Other Food Trades

4799-93 Trainee Miller

48 AMENITY HORTICULTURAL TRADESPERSONS**4801 NURSERYMEN/WOMEN**

4801-01 Supervisor, Nurserymen/women

ASCO STRUCTURE

OCCUPATIONS

4801-11 Nurseryman/woman
4801-91 Apprentice Nurseryman/woman

4803 GREENKEEPERS

4803-01 Head Greenkeeper
4803-11 Greenkeeper
4803-91 Apprentice Greenkeeper

4805 GARDENERS

4805-01 Head Gardener
4805-11 Gardener (General)
4805-13 Landscape Gardener
4805-15 Tree Surgeon
4805-91 Apprentice Gardener

49 MISCELLANEOUS TRADESPERSONS

4901 WOOD MACHINISTS AND TURNERS

4901-01 Supervisor, Wood Machinists and Turners
4901-11 Wood Machinist (A-Grade)
4901-13 Wood Turner
4901-15 Wood Machinist (B-Grade)
4901-17 Wood Machinist (C-Grade)
4901-91 Apprentice Wood Machinist
4901-93 Apprentice Wood Turner

4903 CABINETMAKERS

4903-01 Supervisor, Cabinetmakers
4903-11 Cabinetmaker
4903-91 Apprentice Cabinetmaker

4905 OTHER WOOD TRADESPERSONS

4905-01 Supervisor, Other Wood Tradespersons
4905-11 Wood Carver
4905-13 Picture Framer
4905-15 Cooper
4905-17 Cane Furniture Maker

4905-19 Furniture Finisher
4905-21 Model Maker
4905-91 Apprentice, Other Wood Trades

4907 MARINE CONSTRUCTION TRADESPERSONS

4907-01 Supervisor, Marine Construction Tradespersons
4907-11 Shipwright
4907-13 Boat Builder and Repairer
4907-91 Apprentice Marine Construction Tradesperson

4909 BLASTING TRADESPERSONS

4909-01 Supervisor, Blasting Tradespersons
4909-11 Shot-firer
4909-13 Stope Miner

4911 GARMENT TRADESPERSONS

4911-01 Supervisor, Garment Tradespersons
4911-11 Tailor
4911-13 Dressmaker
4911-15 Apparel Cutter
4911-17 Furrier
4911-19 Patternmaker-Grader (Textiles)
4911-21 Hat Maker
4911-91 Apprentice Garment Tradesperson

4913 UPHOLSTERERS AND BEDDING TRADESPERSONS

4913-01 Supervisor, Upholsterers and Bedding Tradespersons
4913-11 Furniture Upholsterer
4913-13 Bedding and Mattress Maker
4913-91 Apprentice Upholsterer and Bedding Tradesperson

4915 SHOEMAKING AND REPAIRING TRADESPERSONS

4915-01 Supervisor, Shoemaking and Repairing Tradespersons
4915-11 Shoemaker

OCCUPATIONS

ASCO STRUCTURE

4915-13 Shoe Repairer
 4915-91 Apprentice Shoemaker and Repairer

4917 OTHER LEATHER AND CANVAS TRADESPERSONS

4917-01 Supervisor, Other Leather and Canvas Tradespersons
 4917-11 Leather Goods Maker
 4917-13 Canvas Goods Maker
 4917-15 Sailmaker
 4917-91 Apprentice, Other Leather and Canvas Trades

4919 FLOOR COVERERS

4919-01 Supervisor, Floor Coverers
 4919-11 Floor Coverer
 4919-91 Apprentice Floor Coverer

4921 GLASS TRADESPERSONS

4921-01 Supervisor, Glass Tradespersons
 4921-11 Flat Glass Tradesperson
 4921-13 Glass Blower
 4921-91 Apprentice Flat Glass Tradesperson
 4921-93 Trainee Glass Blower

4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS

4923-01 Supervisor, Jewellery and Precious Metalware Tradespersons
 4923-11 Jeweller
 4923-13 Gem Cutter and Polisher
 4923-15 Precious Metal Smith
 4923-91 Apprentice Jewellery and Precious Metalware Tradesperson

4925 CRAFTWORKERS

4925-01 Supervisor, Craftworkers
 4925-11 Piano Tuner
 4925-13 Potter
 4925-91 Apprentice Craftworker
 4925-99 Craftworkers nec

4927 HAIRDRESSERS

4927-01 Supervisor, Hairdressers
 4927-11 Hairdresser
 4927-91 Apprentice Hairdresser

4929 SHEEP SHEARERS

4929-01 Overseer, Shearing Shed
 4929-03 Shearing Shed Expert
 4929-11 Shearer

4931 ANIMAL TRAINERS

4931-11 Horse Breaker
 4931-99 Animal Trainers nec

4999 OTHER TRADESPERSONS

4999-01 Supervisor, Other Tradespersons
 4999-11 Dental Technician
 4999-13 Optical Mechanic
 4999-15 Stonemason
 4999-17 Motion Picture Projectionist
 4999-18 Saturation Technician
 4999-21 Offshore Diver
 4999-23 Onshore Diver
 4999-25 Florist
 4999-27 Aircraft Safety Equipment Worker
 4999-29 Military Explosives Technician
 4999-91 Apprentice, Other Trades
 4999-99 Tradespersons nec

5 CLERKS

51 STENOGRAPHERS AND TYPISTS

5101 OFFICE SECRETARIES AND STENOGRAPHERS

5101-01 Supervisor, Office Secretaries and Stenographers

5101-11 Office Secretary

5101-13 Office Stenographer

5101-15 Court and Hansard Reporter

5103 TYPISTS AND TYPIST-CLERKS

5103-01 Supervisor, Typists and Typist-Clerks

5103-11 Typist-Clerk

5103-13 Typist

5105 WORD PROCESSING OPERATORS

5105-01 Supervisor, Word Processing Operators

5105-11 Word Processing Operator

52 DATA PROCESSING AND BUSINESS MACHINE OPERATORS

5201 DATA PROCESSING MACHINE OPERATORS

5201-01 Supervisor, Data Processing Machine Operators

5201-11 Computer Operator

5201-13 Data Entry Operator

5201-15 Data Transceiver Operator

5201-99 Data Processing Machine Operators nec

5203 BUSINESS MACHINE OPERATORS

5203-01 Supervisor, Business Machine Operators

5203-11 Business Machine Operator

53 NUMERICAL CLERKS

5301 ACCOUNTING CLERKS

5301-01 Supervisor, Accounting Clerks

5301-11 Bookkeeper

5301-13 Accounts Clerk

5301-15 Payroll Clerk

5301-17 Branch Accountant (Financial Institution)

5301-19 Credit Officer

5301-21 Cost Clerk

5303 INSURANCE AND BROKING CLERKS

5303-01 Supervisor, Insurance and Broking Clerks

5303-11 Insurance Clerk

5303-13 Stockbroking Clerk

5305 STATISTICAL AND ACTUARIAL CLERKS

5305-01 Supervisor, Statistical and Actuarial Clerks

5305-11 Statistical Clerk

5305-13 Actuarial Clerk

54 FILING, SORTING AND COPYING CLERKS

5401 LIBRARY AND FILING CLERKS

5401-01 Supervisor, Library and Filing Clerks

5401-11 Library Assistant

5401-13 Filing Clerk

5403 MAIL SORTERS

5403-01 Supervisor, Mail Sorters

5403-11 Mail Sorter

5499 OTHER FILING, SORTING AND COPYING CLERKS

5499-11 Other Filing, Sorting and Copying Clerks

55 MATERIAL RECORDING AND DESPATCHING CLERKS

5501 PRODUCTION RECORDING CLERKS

OCCUPATIONS

ASCO STRUCTURE

5501-01 Supervisor, Production Recording Clerks

5501-11 Production Scheduling Clerk

5501-13 Production Tally Clerk

5503 TRANSPORT RECORDING AND DESPATCHING CLERKS

5503-01 Supervisor, Transport Recording and Despatching Clerks

5503-11 Receiving and Despatching Clerk

5503-13 Import-Export Clerk

5503-15 Radio Despatcher

5503-99 Transport Recording and Despatching Clerks nec

5505 STOCK AND PURCHASING CLERKS

5505-01 Supervisor, Stock and Purchasing Clerks

5505-11 Stock Clerk

5505-13 Purchasing Clerk

5505-15 Order Clerk

56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS**5601 RECEPTIONISTS AND INFORMATION CLERKS**

5601-11 Receptionist

5601-13 Inquiry Clerk

5601-15 Admissions Clerk

5603 TELEPHONISTS

5603-01 Supervisor, Telephonists

5603-11 Telephonist

5605 MESSENGERS AND DELIVERY OFFICERS

5605-01 Supervisor, Messengers and Delivery Officers

5605-11 Messenger

5605-13 Postman/woman

59 MISCELLANEOUS CLERKS**5901 COLLECTION CLERKS**

5901-11 Debt Collector

5901-99 Collection Clerks nec

5903 TEACHERS' AIDES

5903-11 Teachers' Aide

5905 PERSONNEL CLERKS

5905-11 Personnel Records Clerk

5905-13 Employment Office Clerk

5907 LEGAL AND RELATED CLERKS

5907-11 Clerk of Court

5907-13 Law Clerk

5907-15 Court Orderly

5907-99 Legal and Related Clerks nec

5909 POSTAL CLERKS AND OFFICERS

5909-11 Postal Clerk

5909-13 Postal Officer

5999 OTHER CLERKS

5999-11 Meter Reader

5999-13 Proof Reader

5999-15 Classified Advertising Clerk

5999-17 Bookmaker's Clerk

5999-19 Market Research Interviewer

5999-99 Clerks nec

ASCO STRUCTURE

OCCUPATIONS

6 SALESPERSONS AND PERSONAL SERVICE WORKERS

61 INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

6101 SECURITIES AND FINANCE DEALERS

6101-11 Stock Exchange Dealer

6101-99 Securities and Finance Dealers nec

6103 INSURANCE BROKERS AND AGENTS

6103-01 Supervisor, Insurance Brokers and Agents

6103-11 Insurance Agent

6103-13 Insurance Broker

6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS

6105-11 Real Estate Salesperson

6105-13 Real Estate Property Manager

6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

6199-11 Commodities Broker

6199-13 Valuer

62 SALES REPRESENTATIVES

6201 SALES REPRESENTATIVES

6201-11 Sales Representative (Chemical Products)

6201-13 Sales Representative (EDP Equipment)

6201-15 Sales Representative (Medical, Dental and Veterinary Equipment)

6201-17 Sales Representative (Electronic Equipment except EDP)

6201-19 Sales Representative (Toys and Sporting Goods)

6201-21 Sales Representative (Business Services)

6201-23 Sales Representative (Books and Paper Products)

6201-25 Sales Representative (Builders' Hardware)

6201-27 Sales Representative (Floor Coverings and Furniture)

6201-29 Sales Representative (Food, Drink and Tobacco Products)

6201-31 Sales Representative (Household Goods and Domestic Hardware)

6201-33 Sales Representative (Toiletries)

6201-35 Sales Representative (Pharmaceuticals)

6201-37 Sales Representative (Textiles, Clothing and Footwear)

6201-99 Sales Representatives nec

63 SALES ASSISTANTS

6301 SALES ASSISTANTS

6301-01 Supervisor, Sales Assistants

6301-11 Sales Assistant (Hardware and Gardening Supplies)

6301-13 Sales Assistant (Fabrics, Clothing and Footwear)

6301-15 Sales Assistant (Food and Drink Products)

6301-17 Sales Assistant (Furniture, Floor Coverings and Household Goods)

6301-19 Sales Assistant (Caravans and Motor Vehicles)

6301-21 Sales Assistant (Stationery, Newspapers and Books)

6301-23 Sales Assistant (Pharmaceutical Products and Toiletries)

6301-25 Sales Assistant (Vehicle Parts and Accessories)

6301-99 Sales Assistants nec

64 TELLERS, CASHIERS AND TICKET SALESPERSONS

6401 TELLERS

6401-01 Supervisor, Tellers

6401-11 Teller

6403 CASHIERS

6403-01 Supervisor, Cashiers

6403-11 Checkout Operator

OCCUPATIONS

ASCO STRUCTURE

6403-13 Office Cashier

6405 TICKET SALESPERSONS

6405-11 Ticket Seller

6405-13 Transport Conductor

65 MISCELLANEOUS SALESPERSONS**6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS**

6501-01 Supervisor, Street Vendors, Canvassers and Sales Drivers

6501-11 Scrap Merchant

6501-13 Cash Van Salesperson

6501-15 Door-to-Door Salesperson

6501-17 Street Vendor

6503 BAR ATTENDANTS

6503-01 Supervisor, Bar Attendants

6503-11 Bar Attendant

6505 WAITERS AND WAITRESSES

6505-01 Supervisor, Waiters and Waitresses

6505-11 Formal Service Waiter/Waitress

6505-13 Drink Waiter/Waitress

6505-15 Waiter/Waitress (General)

6507 TRAVEL AGENTS

6507-11 Travel Agent (Commercial)

6507-13 Tourist Officer

6599 OTHER SALESPERSONS

6599-11 Auctioneer

6599-13 Auction Room Attendant

6599-15 Sales Demonstrator

6599-17 Rental Salesperson

6599-19 Service Counter Clerk

6599-21 Service Station Attendant

6599-99 Salespersons nec

66 PERSONAL SERVICE WORKERS**6601 CHILD CARE, REFUGE AND RELATED WORKERS**

6601-11 Pre-School Aide

6601-13 Child Care Aide

6601-15 Child Care Attendant

6601-17 Hostel Parent

6601-19 Child Care Group Worker

6601-21 Refuge Worker

6601-99 Child Care, Refuge and Related Workers nec

6603 ENROLLED NURSES

6603-11 Enrolled Nurse

6603-91 Student Enrolled Nurse

6605 DENTAL NURSES

6605-11 Dental Nurse

6607 HOME COMPANIONS AND AIDES

6607-11 Home Companion

6607-13 Family Aide

6609 TRAVEL STEWARDS

6609-01 Supervisor, Travel Stewards

6609-11 Flight Attendant

6609-13 Marine Steward

6609-15 Railway Steward

6699 OTHER PERSONAL SERVICE WORKERS

6699-11 Funeral Director

6699-13 Tourist Guide

6699-15 Beauty Therapist

6699-17 Masseuse/Masseur

6699-99 Personal Service Workers nec

7	PLANT AND MACHINE OPERATORS, AND DRIVERS	7201-91	Trainee Excavating and Earthmoving Plant Operator
71	ROAD AND RAIL TRANSPORT DRIVERS	7203	FORKLIFT AND RELATED DRIVERS
7101	BUS AND TRAM DRIVERS	7203-11	Forklift Driver
7101-11	Bus Driver	7203-13	Straddle Carrier Operator
7101-13	Tram Driver	7205	LOGGING PLANT OPERATORS
7103	AUTOMOBILE DRIVERS	7205-11	Logging Plant Operator
7103-11	Automobile Driver	7207	PAVING AND SURFACING PLANT OPERATORS
7105	TRUCK DRIVERS	7207-01	Supervisor, Paving and Surfacing Plant Operators
7105-11	Delivery Driver	7207-11	Paving Plant Operator
7105-13	Heavy Truck Driver	7207-13	Road Roller Operator
7105-15	Furniture Removalist-Driver	7209	AGRICULTURAL PLANT OPERATORS
7107	LOCOMOTIVE DRIVERS	7209-11	Farm Machinery Operator
7107-01	Supervisor, Locomotive Drivers	7209-13	Amenity Horticulture Machine Operator
7107-11	Locomotive Driver	7211	FIRE FIGHTERS
7107-91	Trainee Locomotive Driver	7211-01	Supervisor, Fire Fighters
72	MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)	7211-11	Fire Fighter
7201	EXCAVATING AND EARTHMOVING PLANT OPERATORS	7299	OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)
7201-01	Supervisor, Excavating and Earthmoving Plant Operators	7299-11	Railway Track Repair Machine Operator
7201-11	Bulldozer Operator	7299-99	Mobile Plant Operators nec
7201-13	Scraper Operator (Earthmoving)	73	STATIONARY PLANT OPERATORS
7201-15	Back-hoe Operator	7301	POWER GENERATION PLANT OPERATORS
7201-17	Trench-digging Machine Operator	7301-01	Supervisor, Power Generation Plant Operators
7201-19	Loader Operator (Earthmoving)	7301-11	Power Generation Plant Operator
7201-21	Open Cut Mining Plant Operator	7303	ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)
7201-23	Underground Plant Operator	7303-11	Stationary Engine and Boiler Operator
7201-25	Dredge Operator		
7201-27	Grader Operator		
7201-29	Excavator Operator		

OCCUPATIONS

ASCO STRUCTURE

7303-13	Marine Engine and Boiler Operator
7305	CHEMICAL PLANT OPERATORS
7305-01	Supervisor, Chemical Plant Operators
7305-11	Chemical Plant Operator
7305-91	Trainee Chemical Plant Operator
7307	PETROLEUM AND GAS PLANT OPERATORS
7307-01	Supervisor, Petroleum and Gas Plant Operators
7307-11	Petroleum and Gas Refining and Pumping Operator
7307-13	Oil and Gas Well Treatment Operator
7307-15	Oil, Gas and Pipe Tester
7309	BULK MATERIALS HANDLING PLANT OPERATORS
7309-01	Supervisor, Bulk Materials Handling Plant Operators
7309-11	Bulk Materials Handling Plant Operator
7311	CRANE OPERATORS
7311-01	Supervisor, Crane Operators
7311-11	Crane Operator
7313	HOIST, WINCH AND LIFT OPERATORS
7313-01	Supervisor, Hoist, Winch and Lift Operators
7313-11	Hoist, Winch and Lift Operator
7315	FURNACE AND KILN OPERATORS
7315-01	Supervisor, Furnace and Kiln Operators
7315-11	Metals Furnace Operator
7315-13	Heat Treatment Furnace Operator
7315-15	Kiln Operator
7315-17	Incinerator Plant Operator
7317	DRILLING PLANT OPERATORS
7317-01	Supervisor, Drilling Plant Operators

7317-11	Drilling Plant Operator
7399	OTHER STATIONARY PLANT OPERATORS
7399-01	Supervisor, Other Stationary Plant Operators
7399-11	Mineral Ore Treating Plant Operator
7399-13	Metal Rolling Mill Operator
7399-15	Paper Pulp Preparation Plant Operator
7399-17	Wood Chipping and Particleboard Plant Operator
7399-19	Railway Switching and Signalling Operator
7399-21	Timber Treatment Plant Operator
7399-23	Concrete Pump Operator
7399-25	Insulation Maker
7399-27	Cement Production Plant Operator
7399-29	Water Supply and Treatment Plant Operator
7399-31	Electrolytic Cell Operator
7399-33	Carbon Plant Worker
7399-35	Concrete Batching Plant Operator
7399-99	Stationary Plant Operators nec

74 MACHINE OPERATORS

7401	BASIC METAL PRODUCTS MACHINE OPERATORS
7401-01	Supervisor, Basic Metal Products Machine Operators
7401-11	Machine Moulder
7401-13	Casting Machine and Ladle Operator
7401-15	Wire Drawing Machine Operator
7401-17	Metal Extrusion Press Operator
7403	METAL PRESS OPERATORS
7403-11	Metal Press Operator
7405	OTHER METAL PRODUCTS MACHINE OPERATORS
7405-11	Other Metal Products Machine Operators

ASCO STRUCTURE

OCCUPATIONS

7407	PLASTICS PRODUCTION MACHINE OPERATORS	7413-99	Wood Processing Machine Operators nec
7407-01	Supervisor, Plastics Production Machine Operators	7415	PAPER AND PAPER PRODUCTS MACHINE OPERATORS
7407-11	Plastics Production Machine Setter	7415-01	Supervisor, Paper and Paper Products Machine Operators
7407-13	Plastics Extruding Machine Operator	7415-11	Wet End Papermaking Machine Operator
7407-15	Plastics Moulding Machine Operator	7415-13	Dry End Papermaking Machine Operator
7407-17	Cellular Plastics Machine Operator	7415-15	Paper Products Machine Operator
7407-19	Plastics Sheet Press Operator	7417	GLASS PRODUCTION MACHINE OPERATORS
7407-21	Plastics Blending Machine Operator	7417-01	Supervisor, Glass Production Machine Operators
7407-23	Gun Hand (Plastics)	7417-11	Glass Production Machine Operator
7407-25	Sheathing Extruder	7419	CLAY AND STONE PROCESSING MACHINE OPERATORS
7409	RUBBER PRODUCTION MACHINE OPERATORS	7419-01	Supervisor, Clay and Stone Processing Machine Operators
7409-01	Supervisor, Rubber Production Machine Operators	7419-11	Concrete Products Machine Operator
7409-11	Tyre Production Machine Operator	7419-13	Clay Products Machine Operator
7409-99	Rubber Production Machine Operators nec	7419-15	Stone Processing Machine Operator
7411	CHEMICAL PRODUCTION MACHINE OPERATORS	7419-17	Porcelain Turner
7411-01	Supervisor, Chemical Production Machine Operators	7419-19	Plasterboard Maker
7411-11	Pharmaceuticals and Toiletries Production Machine Operator	7419-21	Fibre-Cement Machine Operator
7411-13	Explosives Production Machine Operator	7419-99	Clay and Stone Processing Machine Operators nec
7411-99	Chemical Production Machine Operators nec	7421	YARN PRODUCTION MACHINE OPERATORS
7413	WOOD PROCESSING MACHINE OPERATORS	7421-01	Supervisor, Yarn Production Machine Operators
7413-01	Supervisor, Wood Processing Machine Operators	7421-11	Yarn Carding and Spinning Machine Operator
7413-11	Head Sawyer	7421-13	Cotton Ginner
7413-13	Resawyer	7421-15	Wool Scouring Operator
7413-15	Dockerman/woman	7423	HIDE AND SKIN PROCESSING MACHINE OPERATORS
7413-17	Timber Stock Cutter	7423-01	Supervisor, Hide and Skin Processing Machine Operators
7413-19	Veneer Production Machine Operator		
7413-21	Plywood Production Machine Operator		
7413-23	Wood Laminating Press Operator		

OCCUPATIONS

ASCO STRUCTURE

7423-11 Hide and Skin Processing Machine Operator

7425 FABRIC PRODUCTION MACHINE OPERATORS

7425-01 Supervisor, Fabric Production Machine Operators

7425-11 Warp Machine Operator

7425-13 Weaver

7425-15 Textile Knitting Machine Operator

7425-17 Textile Dyeing and Finishing Machine Operator

7425-19 Rope and Cord Making Machine Operator

7425-21 Textile Products Mender

7425-99 Fabric Production Machine Operators nec

7427 TEXTILE SEWING MACHINISTS

7427-01 Supervisor, Textile Sewing Machinists

7427-11 Textile Sewing Machinist (Single Needle)

7427-13 Textile Sewing Machinist (Multi Needle)

7429 SHOEMAKING MACHINE OPERATORS

7429-11 Shoemaking Machine Operator

7431 FOOD PROCESSING MACHINE OPERATORS

7431-01 Supervisor, Food Processing Machine Operators

7431-11 Grain and Cereal Processing Machine Operator

7431-13 Sugar Processing Machine Operator

7431-15 Soft Drink and Syrup Making Machine Operator (except Dairy)

7431-17 Alcoholic Beverage Machine Operator

7431-19 Meat and Fish Processing Machine Operator

7431-21 Milk Treatment Machine Operator

7431-23 Margarine Maker

7431-25 Ice-Cream Maker

7431-27 Food Factory Cook

7431-99 Food Processing Machine Operators nec

7433 PACKAGING MACHINE OPERATORS

7433-01 Supervisor, Packaging Machine Operators

7433-11 Liquide Filler

7433-99 Packaging Machine Operators nec

7435 PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS

7435-01 Supervisor, Photographic Products Machine Operators

7435-11 Photographic Developer and Printer

7435-13 Photographic Film Manufacturing Operator

7499 OTHER MACHINE OPERATORS

7499-01 Supervisor, Other Machine Operators

7499-11 Tobacco Technical Operator

7499-13 Tobacco Machine Attendant

7499-15 Dry Cleaning Machine Operator

7499-17 Laundry Machine Operator

7499-19 Military Weapons Operator

7499-21 Printing Bindery Assistant

7499-23 Printing Table Hand

7499-99 Machine Operators nec

8 LABOURERS AND RELATED WORKERS**81 TRADE ASSISTANTS AND FACTORY HANDS****8101 TRADE ASSISTANTS**

- 8101-11 Metal Trades Assistant
- 8101-13 Construction Trades Assistant
- 8101-15 Electrical and Telecommunications Trades Assistant
- 8101-99 Trades Assistants nec

8103 ASSEMBLERS

- 8103-01 Supervisor, Assemblers
- 8103-11 Metal and Metal Products Assembler
- 8103-13 Electrical and Electronic Equipment Assembler
- 8103-15 Jewellery Assembler
- 8103-17 Wood Products Assembler

8105 HAND PACKERS

- 8105-11 Meat Packer
- 8105-13 Fruit and Vegetable Packer
- 8105-99 Hand Packers nec

8107 INDUSTRIAL SPRAY PAINTERS

- 8107-11 Industrial Spray Painter

8109 QUALITY CONTROLLERS

- 8109-11 Product Grader
- 8109-13 Product Examiner
- 8109-15 Product Tester
- 8109-17 Product Weigher

8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS

- 8199-01 Supervisor, Other Trades Assistants and Factory Hands
- 8199-11 Metal Processing and Finishing Factory Hand
- 8199-13 Sawmill Labourer

- 8199-15 Wood and Wood Products Factory Hand
- 8199-17 Pulp, Papermaking and Paper Products Factory Hand
- 8199-19 Cement and Concrete Plant Labourer
- 8199-21 Clay Processing Factory Hand
- 8199-23 Chemical Plant Labourer
- 8199-25 Rubber and Plastics Factory Hand
- 8199-27 Hide and Skin Processing Labourer
- 8199-29 General Hand (Printing)
- 8199-31 Glassware Process Assistant
- 8199-33 Meatworks Labourer
- 8199-35 Meat Boner and Slicer
- 8199-37 Poultry Process Worker
- 8199-39 Fish Process Worker
- 8199-41 Baking Factory Hand
- 8199-43 Dairy Factory Hand
- 8199-45 Egg Process Worker
- 8199-47 Fruit and Vegetable Factory Hand
- 8199-99 Trades Assistants and Factory Hands nec

82 AGRICULTURAL LABOURERS AND RELATED WORKERS**8201 FARM HANDS AND ASSISTANTS**

- 8201-01 Supervisor, Farm Hands and Assistants
- 8201-11 Livestock and Field Crop Farm Hand
- 8201-13 Fruit, Vegetable and Nut Farm Hand
- 8201-15 Shearing Shed Hand
- 8201-99 Farm Hands and Assistants nec

8203 FORESTRY LABOURERS

- 8203-01 Supervisor, Forestry Labourers
- 8203-03 Supervisor, Logging Labourers
- 8203-11 Tree Feller
- 8203-13 Forestry Worker
- 8203-15 Logging Worker

OCCUPATIONS

ASCO STRUCTURE

**8205 NURSERY AND GARDEN
LABOURERS**

8205-11 Nursery Assistant (Horticulture)

8205-13 Garden Labourer

**8299 OTHER AGRICULTURAL LABOURERS
AND RELATED WORKERS**

8299-11 Shooter-Trapper

8299-99 Agricultural Labourers and Related
Workers nec**83 CLEANERS****8301 CLEANERS**

8301-01 Supervisor, Cleaners

8301-11 Industrial Cleaner

8301-13 Commercial Cleaner

8301-15 Hospital Cleaner

8301-17 Window Cleaner

8301-19 Carpet Cleaner

8301-21 Motor Vehicle Cleaner

8301-99 Cleaners nec

**84 CONSTRUCTION AND
MINING LABOURERS****8401 INSTALLATION WORKERS**

8401-11 Building Insulation Installer

8401-13 Home Improvements Installer

8403 CONCRETE WORKERS

8403-11 Concrete Worker

**8405 STRUCTURAL STEEL AND RELATED
CONSTRUCTION LABOURERS**

8405-11 Scaffolder

8405-13 Rigger (Construction)

8405-15 Steel Fixer

8405-17 Structural Steel Erector

8407 EARTHMOVING LABOURERS

8407-11 Earthmoving Labourer

**8409 PAVING AND SURFACING
LABOURERS**8409-01 Supervisor, Paving and Surfacing
Labourers

8409-11 Paving and Surfacing Labourer

8411 SURVEY HANDS

8411-11 Survey Hand

8413 RAILWAY LABOURERS

8413-01 Supervisor, Railway Labourers

8413-11 Railway Labourer

**8415 MINING AND MINERAL ORE
TREATING LABOURERS**

8415-11 Mining Labourer

8415-13 Driller's Offsider

8415-15 Mineral Ore Processing Labourer

**8499 OTHER CONSTRUCTION AND
MINING LABOURERS**

8499-11 Logger

8499-13 Crane Chaser

8499-15 Fence Erector

8499-17 Building Construction Labourer

**89 MISCELLANEOUS
LABOURERS AND RELATED
WORKERS****8901 USHERS AND DOOR ATTENDANTS**

8901-11 Door Attendant

8901-13 Entertainment Usher

8901-15 Ticket Taker

8903 LUGGAGE PORTERS

8903-01 Supervisor, Luggage Porters

8903-11 Luggage Porter

8905 GARBAGE COLLECTORS

8905-01 Supervisor, Garbage Collectors

8905-11 Garbage Collector

ASCO STRUCTURE

OCCUPATIONS

8907 STOREMEN/WOMEN

- 8907-01 Supervisor, Storemen/women
- 8907-11 Storeman/woman

8909 FREIGHT AND FURNITURE HANDLERS

- 8909-01 Supervisor, Freight and Furniture Handlers
- 8909-11 Freight Handler (Road and Rail)
- 8909-13 Furniture Packer
- 8909-15 Wharf Labourer
- 8909-17 Truck Driver's Offsider

8911 GUARDS AND SECURITY OFFICERS

- 8911-01 Supervisor, Guards and Security Officers
- 8911-11 Railway Patrol Officer
- 8911-13 Security Officer
- 8911-15 Railway Guard
- 8911-99 Guards and Security Officers nec

8913 CARETAKERS

- 8913-11 Caretaker

8915 HOUSEKEEPERS

- 8915-11 Executive Housekeeper
- 8915-13 Domestic Housekeeper

8917 LAUNDRY WORKERS

- 8917-01 Supervisor, Laundry Workers
- 8917-11 Laundry Worker

8919 KITCHENHANDS

- 8919-11 Kitchenhand

8921 WARD HELPERS

- 8921-01 Supervisor, Ward Helpers
- 8921-11 Ward Assistant
- 8921-13 Hospital Food Serviceperson
- 8921-15 Nursing Assistant

8923 VEHICLE ACCESSORIES FITTERS

- 8923-01 Supervisor, Vehicle Accessories Fitters
- 8923-11 Vehicle Accessories Fitter

8925 FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN

- 8925-01 Boatswain
- 8925-11 Seaman/woman
- 8925-13 Fisherman/woman

8999 OTHER LABOURERS AND RELATED WORKERS

- 8999-11 Animal Attendant
- 8999-13 Pest and Weed Controller
- 8999-15 Vending Machine Attendant
- 8999-17 Lampman/woman
- 8999-19 Handyman/woman
- 8999-21 Funeral Attendant
- 8999-23 Veterinary Nurse
- 8999-25 Railway Station Assistant
- 8999-27 Automotive Parts Recycler
- 8999-99 Labourers and Related Workers nec

FORMAT OF DEFINITIONS

The format of major, minor and unit group definitions varies slightly between levels, but they all contain similar elements. These elements are:

- . statement of the boundaries of the group;
- . information on skill level;
- . list of principal or indicative tasks;
- . list of lower level groups or occupations contained in the group.

The major and minor group definitions have separate paragraphs dealing with each of the above elements. They also contain paragraphs dealing with special inclusions and exclusions in cases where the reason may not be obvious.

The unit group definitions are presented in the following format:

UNIT GROUP CODE and TITLE

A lead statement specifying the boundaries of the group in terms of broadly stated tasks.

Under the heading SKILL LEVEL is a statement specifying the skill level for the unit group, expressed in terms of formal education, previous experience and on-the-job training. Special requirements, such as licensing, are also indicated under this heading.

Under the heading TASKS INCLUDE is a list of primary tasks performed in the occupations included in the unit group.

Under the heading OCCUPATIONS is a list of occupation titles included in the unit group.

There are three categories of occupation titles:

Principal Titles are the official titles used to designate occupations in ASCO. They are printed in bold type and accompanied by the occupation level code.

Alternative Titles are commonly used synonyms of the Principal Title. They are designated by (a).

Specialisation Titles are commonly occurring titles referring to a subset of jobs belonging to the occupation designated by the Principal Title. These jobs involve the performance of specialised tasks rather than the broader range of tasks usually performed in the occupation. They are designated by (s).

Under the heading RELATED OCCUPATIONS is a list of related occupations contained in other unit groups.

Under the heading COMMENTS are items of relevant information not given elsewhere.

MAJOR GROUP 1

MANAGERS AND ADMINISTRATORS

MANAGERS AND ADMINISTRATORS head government, industrial, agricultural, commercial and other establishments, organisations, or departments within such organisations. They determine the policy of the establishment, organisation or department, and direct and co-ordinate its functioning, usually through subordinate executives. These tasks require a high level of judgement and an awareness of economic, technical, legal and other factors which affect those policies.

Most occupations in this major group have a level of skill commensurate with a 3 year degree and 5-10 years experience in a relevant field or industry.

Tasks performed by Managers and Administrators typically include formulating, administering and reviewing the policy and/or legislation which determine the direction to be taken by the body they head; controlling, directing and participating in the activities of that body personally or through a hierarchy of subordinate managers and supervisors; establishing operational and administrative procedures; and controlling the selection of senior staff and the allocation of resources.

Occupations in this major group are classified into the following minor groups:

- 11 LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS**
- 12 GENERAL MANAGERS**
- 13 SPECIALIST MANAGERS**
- 14 FARMERS AND FARM MANAGERS**
- 15 MANAGING SUPERVISORS (SALES AND SERVICE)**
- 16 MANAGING SUPERVISORS (OTHER BUSINESS)**

MINOR GROUP 11 LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS

LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS represent the people, the nation or the Crown in elected bodies, courts of law and overseas diplomatic missions. They direct and participate in the operations of establishments responsible for legislation, local, state and federal government, the administration of justice and diplomatic relations.

Entry into the occupations in this minor group requires election by the constituency, or appointment by the government or the Crown. However, substantial experience in public administration or legal practice is necessary for those occupations entered by appointment.

Tasks performed by Legislators and Government Appointed Officials typically include interpreting, administering, analysing and reviewing the law and public policy; investigating, developing, formulating and presenting legislative and public policy proposals; and promoting the interests of the constituencies which they represent.

Heads of Government Departments are excluded from this minor group because, although appointed by the government, their tasks are those of a General Manager of a large organisation. They are located in Minor Group 12, General Managers.

Occupations in this minor group are classified into the following unit groups:

1101 PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES

1103 JUDGES, MAGISTRATES AND MEDIATORS

1101 PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES

PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES participate in the activities of government as elected members of parliamentary or local government constituencies, or represent the Australian Government or the Crown in the Commonwealth, a State or in an overseas country.

SKILL LEVEL

The entry requirement for this unit group is substantial experience in public life or community activities.

TASKS include:

- assisting in the moulding of government policy and in formulating, amending and repealing legislation
- attending community functions and meetings of local groups
- investigating matters of concern to the public and electorate and introducing proposals for remedial government action
- promoting the interests of Australia and assisting Australian citizens overseas
- issuing policy directions to government departments and exercising overall control over municipal authorities or diplomatic missions overseas

COMMENTS

The occupations in this unit group can only be entered by government appointment or by election.

OCCUPATIONS

- 1101-11 Member of Parliament
Government Minister (s)
Premier (s)

Prime Minister (s)
Senator (s)

- 1101-99 Parliamentarians, Councillors and Government Representatives nec
Alderman/woman (s)
Ambassador (s)
Consul-General (s)
Governor (s)
Governor-General (s)
Head of Diplomatic Mission (s)
High Commissioner (s)
Mayor/Mayorress (s)
Northern Territory Administrator (s)

1103 JUDGES, MAGISTRATES AND MEDIATORS

JUDGES, MAGISTRATES AND MEDIATORS preside over judicial proceedings and pronounce judgements in courts of law, or act, individually or as members of administrative or industrial tribunals, to resolve disputes.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree or post-graduate degree in law and at least 10 years previous experience as a legal practitioner or in public administration.

TASKS include:

- conducting trials according to Rules of Procedure
- reading, hearing and considering evidence
- instructing juries on points of law or procedure
- interpreting the law in relation to particular cases
- sentencing offenders and awarding damages

GROUP DEFINITIONS

MANAGERS AND ADMINISTRATORS

- arbitrating on issues and making awards

COMMENTS

The occupations in this unit group can only be entered by government appointment.

OCCUPATIONS

1103-11 Coroner

1103-13 Judge
Justice of the High Court (s)

1103-15 Magistrate

1103-17 Administrative Appeals Tribunal Member

1103-19 Industrial Tribunal Member
Conciliation and Arbitration Commissioner
(s)

MINOR GROUP 12 GENERAL MANAGERS

GENERAL MANAGERS head government, industrial, commercial and other organisations, directing and co-ordinating the operations of those organisations through subordinate managers. They formulate policies which determine the overall direction of the organisation, maintaining an awareness of economic, technical and other factors which affect those policies.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma and substantial previous experience in management.

Tasks performed by General Managers typically include formulating and implementing policy independently or through consultation with subordinates; analysing information and presenting reports to governing bodies; representing the organisation in relations with governing bodies and outside organisations; and controlling the allocation and use of resources and selection of senior staff.

Education Managers are excluded from this minor group, because they operate within policy and expenditure constraints imposed by a wider authority. They are located in Minor Group 13, Specialist Managers. Directors of Nursing are also located in Minor Group 13 because they are not responsible for the administration of the hospital or nursing home as a whole.

Occupations in this minor group are classified into the following unit group:

1201 GENERAL MANAGERS

1201 GENERAL MANAGERS

GENERAL MANAGERS develop and review company policy and organise and direct the major functions of an industrial, commercial, governmental or other establishment through subordinate executives.

SKILL LEVEL

The entry requirement for this unit group is a degree and 5-15 years previous experience in management or related areas.

TASKS include:

- directing the operations of a company, authority or institution
- determining policy, either independently or on the basis of consultation with subordinate managers
- analysing economic, social, technical, legal and other data or trends
- consulting with subordinates and reviewing recommendations and reports
- preparing or arranging the preparation of reports, budgets and forecasts, and presenting them to governing bodies
- representing the organisation in negotiations at conventions, seminars and official occasions, and

liaising with other organisations

- selecting or approving selection of senior staff
- authorising funds to implement policies and programmes
- co-ordinating subordinate units and staff, and instituting reporting, audit and control systems

OCCUPATIONS

- 1201-11 General Manager**
 Air Force ranks above and including Air Commodore (s)
 Army ranks above and including Brigadier (s)
 Chief Executive (s)
 Fire Commissioner (s)
 Head of Government Department (s)
 Hospital Administrator (s)
 Managing Director (s)
 Managing Editor (s)
 Medical Superintendent (s)
 Naval ranks above and including Commodore (s)
 Ombudsman/women (s)
 Police Commissioner (s)
 Regional Manager (s)
 Trade Union Secretary (s)

MINOR GROUP 13 SPECIALIST MANAGERS

SPECIALIST MANAGERS co-ordinate the administration and operation of specialised functions or fields of activity within an organisation. Under broad direction from the General Manager, they direct the work of supervisors and accept responsibility for the operation of their department.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma and substantial supervisory experience within their specialist area.

Tasks performed by Specialist Managers typically include formulating policy and plans for their area of control; establishing and directing operational and administrative procedures; controlling expenditure; monitoring the performance of staff and controlling their selection and training.

This minor group includes Directors of Nursing because they direct the function of nursing in a hospital or nursing home but are not responsible for the administration of the establishment as a whole, and Education Managers are included because they administer educational institutions within policy and expenditure constraints imposed by a wider authority.

Managers of specialist organisations are included in Minor Group 12, General Managers. The manager of a finance company, for example, is not a Finance Manager but a General Manager. Leaders of teams of professionals whose tasks are primarily of a professional nature but who perform some managerial tasks in respect of the team (eg. Chief Architect, Chief Civil Engineer) are located in Major Group 2, Professionals.

Occupations in this minor group most commonly require a level of skill equivalent to a 3 year degree and substantial experience in supervision.

Occupations in this minor group are classified into the following unit groups:

- 1301 FINANCE MANAGERS
- 1303 SALES AND MARKETING MANAGERS
- 1305 PRODUCTION MANAGERS
- 1307 SUPPLY AND DISTRIBUTION MANAGERS
- 1309 PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS
- 1311 DATA PROCESSING MANAGERS
- 1313 PUBLIC POLICY MANAGERS
- 1315 DIRECTORS OF NURSING
- 1317 EDUCATION MANAGERS
- 1319 COMMISSIONED OFFICERS (MANAGEMENT)
- 1399 OTHER SPECIALIST MANAGERS

1301 FINANCE MANAGERS

FINANCE MANAGERS administer the overall financial activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in accounting or finance.

TASKS include:

- planning the financial operations and overall financial policy of an organisation in consultation with other management
- co-ordinating the development, implementation and monitoring of financial, accounting and

administrative systems (including computerised systems)

- directing the collection of financial and accounting information and the preparation of budgets, reports and forecasts
- providing and interpreting financial information for other management
- directing and co-ordinating economic research
- assessing proposals involving financial expenditure

OCCUPATIONS

- 1301-11 Finance Manager
Finance Director (a)
Chief Accountant (s)
Company Secretary (s)
Treasurer (except government) (s)

MANAGERS AND ADMINISTRATORS

RELATED OCCUPATIONS

1201	General Managers
2701	Accountants
6101	Securities and Finance Dealers

1303 SALES AND MARKETING MANAGERS

SALES AND MARKETING MANAGERS administer the overall sales and marketing activities of organisations either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in sales, marketing or promotion.

TASKS include:

- planning the overall sales and marketing policy of an organisation in consultation with other managers
- planning and controlling sales activities, methods and arrangements
- planning and conducting marketing campaigns and promotional activities
- directing staff activities and monitoring their performance
- monitoring customer service, invoicing, payments and administration costs
- directing research work and monitoring sales and marketing activity to produce reports and recommendations

OCCUPATIONS

1303-11	Sales and Marketing Manager
	Advertising Manager (s)
	Export Manager (s)
	Merchandise Manager (s)

RELATED OCCUPATIONS

1501	Shop Managers
6201	Sales Representatives
6301-01	Supervisor, Sales Assistants

1305 PRODUCTION MANAGERS

PRODUCTION MANAGERS administer the overall production activities of organisations either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 5-10 years previous experience in production engineering or supervision.

TASKS include:

- planning details of production activity
- planning overall production policy of an organisation in consultation with other managers
- directing staff activities and monitoring their efficiency
- controlling the operation of production plant facilities, quality control procedures and the implementation of safety requirements
- monitoring production and production costs and

GROUP DEFINITIONS

controlling the preparation of production records and reports

- directing research into production methods, recommending and implementing initiatives
- informing other managers about production matters

OCCUPATIONS

1305-11	Production Manager (Manufacturing and Mining)
	Plant Manager (s)
	Quality Control Manager (s)
	Works Manager (s)

1305-13	Producer (Media)
	Executive Producer (s)
	Studio Manager (s)
	Television Producer (s)

1307 SUPPLY AND DISTRIBUTION MANAGERS

SUPPLY AND DISTRIBUTION MANAGERS administer the overall supply, storage and distribution activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in supply and distribution.

TASKS include:

- planning overall policy for the purchase, storage and distribution of goods in consultation with other managers
- planning details of purchasing, storage and distribution operations
- co-ordinating investigation of supply, distribution and storage options
- negotiating purchase contracts with suppliers, checking quality and cost of purchased goods and negotiating with suppliers concerning defects
- planning and establishing distribution systems
- directing the planning and maintenance of storage and inventory systems
- directing the recording of purchase, storage and distribution transactions
- directing and monitoring activities of supply and distribution staff

OCCUPATIONS

1307-11	Supply and Distribution Manager
	Military Supply Officer (s)
	Procurement Manager (s)
	Purchasing Manager (s)
	Shipping Manager (s)
	Supply Manager (s)
	Transport Manager (s)

RELATED OCCUPATIONS

3913	Procurement Officers
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1309 PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS

PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS

GROUP DEFINITIONS

administer the overall personnel and industrial relations activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in personnel and industrial relations administration.

TASKS Include:

- planning the overall personnel and industrial relations policy of an organisation in consultation with other managers
- controlling activities in personnel administration, staff selection and training, labour relations, wage and salary administration, health and safety, security and employee benefits
- directing personnel and industrial relations operations
- directing and monitoring activities of staff in personnel and industrial relations areas

OCCUPATIONS

- 1309-11 Personnel and Industrial Relations Manager
Manpower Manager (s)
Occupational Health and Safety Manager (s)
Organisation and Methods Manager (s)
Training Manager (s)

RELATED OCCUPATIONS

- 2705 Personnel Specialists

1311 DATA PROCESSING MANAGERS

DATA PROCESSING MANAGERS administer the overall data processing activities of an organisation either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma and 5-10 years previous experience in data processing.

TASKS Include:

- planning the overall data processing policy of an organisation in consultation with other managers
- directing the selection, installation, use and maintenance of computing equipment and software
- controlling the selection and training of programmers and operators and monitoring their performance
- directing data processing operations
- monitoring overall operations of electronic data processing to develop improvements to the systems

OCCUPATIONS

- 1311-11 Data Processing Manager
Information Systems Manager (s)
Operations Manager (Data Processing) (s)
Systems Manager (Data Processing) (s)

RELATED OCCUPATIONS

- 2707 Computing Professionals

MANAGERS AND ADMINISTRATORS

1313 PUBLIC POLICY MANAGERS

PUBLIC POLICY MANAGERS administer the policy and programme activities of a federal or state government department, either directly or through subordinates.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree and 10 years previous experience in administration.

TASKS Include:

- advising and providing information on an area of government policy
- directing and co-ordinating programme activity and policy formulation
- directing operations of administrative organisation
- implementing government directives and policies

OCCUPATIONS

- 1313-11 Public Policy Manager
Public Service Manager (s)
Section Head (Public Service) (s)

1315 DIRECTORS OF NURSING

DIRECTORS OF NURSING administer the overall nursing activities of a hospital either directly or through supervisors.

SKILL LEVEL

The entry requirement for this unit group is a 1 year post-graduate diploma in nursing administration and 2-5 years experience as a Registered Nurse. Registration as a double certificate nurse is required.

TASKS Include:

- planning nursing policies and activities
- establishing procedures and standards for nursing staff and ensuring that medical practitioners' requirements are met
- monitoring and controlling expenditure on staff, supplies, equipment and services
- directing preparation of budget information and reports
- monitoring selection and performance of nursing staff

OCCUPATIONS

- 1315-11 Director of Nursing
Matron (s)
Nurse Administrator (s)
Nursing Superintendent (s)

RELATED OCCUPATIONS

- 3401 Registered Nurses
6603 Enrolled Nurses

1317 EDUCATION MANAGERS

EDUCATION MANAGERS administer educational institutions (usually under the auspices of an external authority).

MANAGERS AND ADMINISTRATORS

GROUP DEFINITIONS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma and 5-10 years of previous experience in a relevant teaching area.

TASKS Include:

- co-ordinating the educational and administrative affairs of an educational institution
- interviewing parents and new pupils
- advising students on course requirements and regulations governing course variations
- representing an educational institution at community and administrative meetings
- supervising or authorising the work of administration or teaching staff
- preparing or directing preparation of courses (including extra-curricular courses) and course outlines

OCCUPATIONS

- 1317-11 School Principal
Headmaster/mistress (s)
- 1317-99 Education Managers nec
Dean (s)
Faculty Head (s)

1319 COMMISSIONED OFFICERS (MANAGEMENT)

COMMISSIONED OFFICERS (MANAGEMENT) administer the activities of armed services, police or fire organisations directly or through other managers or supervisors. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma and 10 years previous experience as a junior officer.

TASKS Include:

- advising and providing information on an area of defence policy
- directing and co-ordinating programme activity and policy formulation
- directing operations of administrative organisation
- implementing government directives and policies
- planning overall activities of an organisational unit in consultation with a higher authority
- planning, directing and implementing an operational

programme for a group or area

- directing and monitoring the activities of junior officers and other staff and maintaining discipline
- directing and monitoring record keeping systems and preparation of reports
- controlling expenditure and stores use
- preparing estimates and budgets
- performing ceremonial and public duties

OCCUPATIONS

- 1319-11 Commissioned Police Officer
- 1319-13 Commissioned Fire Officer
- 1319-15 Commissioned Defence Force Officer
(Management)
Captain (Defence Forces) (s)
Colonel (s)
Flight Lieutenant (s)
Group Captain (s)
Lieutenant (Navy) (s)
- 1319-91 Trainee Officer (Defence Forces)
Midshipman (s)
Officer Cadet (s)

RELATED OCCUPATIONS

- 3501 Police
7211 Fire Fighters

1399 OTHER SPECIALIST MANAGERS

This unit group covers occupations not elsewhere classified in Minor Group 13, Specialist Managers.

SKILL LEVEL

The entry requirement for this unit group is a 1-5 year certificate, degree or diploma or a higher degree and 5-10 years previous experience in a specialised area.

OCCUPATIONS

- 1399-11 Engineering Manager
- 1399-13 Research Manager
Market Research Manager (s)
Research and Development Manager (s)
- 1399-99 Specialist Managers nec
Ambulance Superintendent (s)
Library Manager (s)
Marine Engineer Superintendent (s)
Religious Administrator (s)

MINOR GROUP 14 FARMERS AND FARM MANAGERS

FARMERS AND FARM MANAGERS co-ordinate and participate in the activities of an agricultural establishment. They plan and conduct operations to obtain maximum production from the land, considering factors such as markets, climate, soil conservation, stock, crops and technological input.

Occupations in this minor group have a level of skill commensurate with 2-5 years previous experience in farming.

Tasks performed by Farmers and Farm Managers typically include directing and participating in farming operations to raise livestock and cultivate crops; controlling finances and the use of resources; hiring, training and supervising staff and contractors; maintaining and improving premises, land and equipment; monitoring prices and markets and arranging the marketing and transport of produce.

Occupations in this minor group are classified into the following unit group:

1401 FARMERS AND FARM MANAGERS

1401 FARMERS AND FARM MANAGERS

FARMERS AND FARM MANAGERS supervise and perform farming operations to raise livestock and cultivate field crops, market produce and other agricultural products.

SKILL LEVEL

The entry requirement for this unit group is 2-5 years previous experience as a farm hand or farm trainee.

TASKS Include:

- planting, spraying, fertilising and harvesting crops such as cereal grain, oilseed, protein crops, sugar cane, tobacco, and market produce
- selling or storing grain and fodder
- planning and implementing breeding and feeding programmes for livestock and poultry
- culling and selling immature or non-productive livestock or fruit
- cleaning and disinfecting buildings, sheds, pens, equipment and facilities to maintain produce quality and health standards
- organising and conducting farming operations particular to the type of farm, such as milking; shearing; collecting, grading, and packaging of produce; catching and loading livestock; exercising horses; cultivating seedlings and grafting trees.

OCCUPATIONS

- 1401-11 Grain, Oilseed and Pasture Grower
Grain, Oilseed and Pasture Farm Manager (a)
Seed Farmer (s)
Wheat Farmer (s)
- 1401-13 Sugar Cane Grower
Sugar Cane Farm Manager (a)
- 1401-15 Tobacco Grower
Tobacco Farm Manager (a)
- 1401-17 Beef Cattle Farmer
Beef Cattle Farm Manager (a)
Cattle Grazier (a)
Beef Cattle Station Manager (a)

Beef Cattle Stud Farmer (a)
Buffalo Farmer (s)

- 1401-19 Dairy Farmer
Dairy Farm Manager (a)
Dairy Cattle Stud Farmer (a)

- 1401-21 Sheep Farmer
Sheep Farm Manager (a)
Sheep Station Manager (s)
Sheep Stud Farmer (s)
Wool Grower (s)

- 1401-23 Pig Farmer
Pig Farm Manager (a)
Pig Breeder (s)

- 1401-25 Poultry Farmer
Poultry Farm Manager (a)
Chicken Meat Producer (s)
Egg Producer (a)
Hatchery Manager (s)

- 1401-27 Horse Breeder
Horse Stud Manager (a)
Horse Stud Farmer (s)
Stud Master/Mistress (s)

- 1401-29 Mixed Farmer
Mixed Farm Manager (a)

- 1401-31 Fruit and Nut Grower
Fruit and Nut Farm Manager (a)
Orchardist (a)
Viticulturist (s)

- 1401-33 Vegetable Grower
Vegetable Farm Manager (a)
Market Gardener (s)
Olericulturist (s)

- 1401-35 Apiarist
Beekeeper (a)

- 1401-91 Trainee Farmer
Trainee Farm Manager (a)
Farm Apprentice (s)
Jackaroo (s)
Jillaroo (s)

- 1401-99 Farmers and Farm Managers nec
Commercial Flower Grower (s)
Cotton Grower (s)

MANAGERS AND ADMINISTRATORS

GROUP DEFINITIONS

Fish Farmer (s)
Goat Farmer (s)
Oyster Farmer (s)

RELATED OCCUPATIONS

8201 Farm Hands and Assistants

MINOR GROUP 15 MANAGING SUPERVISORS (SALES AND SERVICE)

MANAGING SUPERVISORS (SALES AND SERVICE) head establishments too small to have a hierarchy of managers, which carry out retail trade and services to the general public. They co-ordinate all functions of such establishments, formulating policies and objectives in both general and specific terms, and ensuring that the finance, staffing, training and marketing functions operate efficiently. Their immediate subordinates are usually supervisors. (All supervisors can be found in the same unit group as the most highly skilled occupation they supervise.)

Occupations in this minor group have a level of skill commensurate with 5 years experience in retail sales or service establishments.

Tasks performed by Managing Supervisors (Sales and Service) typically include directing and participating in the operations of the establishment; promoting and advertising the products and services; controlling selection, supervision and training of staff; determining staffing and salary levels; formulating purchasing and marketing policy and setting prices; and ensuring that premises, equipment and furnishings are kept clean, well maintained and secure.

This minor group includes managers of Commonwealth Employment Service and Department of Social Security branches because they manage small establishments which provide a service to the public.

Occupations in this minor group are classified into the following unit groups:

- 1501 SHOP MANAGERS
- 1503 RESTAURANT AND CATERING MANAGING SUPERVISORS
- 1505 ACCOMMODATION AND TAVERN MANAGING SUPERVISORS
- 1507 FINANCIAL INSTITUTION BRANCH MANAGERS
- 1599 OTHER MANAGING SUPERVISORS (SALES AND SERVICE)

1501 SHOP MANAGERS

SHOP MANAGERS plan and organise the operations of a retail trading establishment.

SKILL LEVEL

The entry requirement for this unit group is 1-10 years previous experience in a sales-related position. A licence, permit or lease to operate is required by local government authorities.

TASKS include:

- planning, directing and participating in the operations of the shop
- controlling the selection and training of staff and supervising their work
- determining purchasing and marketing policies, salaries and prices
- maintaining records of stock levels and financial transactions
- displaying and selling merchandise
- providing information about merchandise to staff and customers
- ensuring that shop premises, fixtures and fittings are cleaned and maintained

OCCUPATIONS

- 1501-11 Shop Manager
Bookshop Manager (s)
Delicatessen Manager (s)
Dry Cleaning Establishment Manager (s)

General Storekeeper (s)
Greengrocery Manager (s)
Hardware Store Manager (s)
Milk Bar Manager (s)
Newsagency Manager (s)
Service Station Manager (s)
Stationer (s)
Supermarket Manager (s)
Take Away Food Outlet Manager (s)

1503 RESTAURANT AND CATERING MANAGING SUPERVISORS

RESTAURANT AND CATERING MANAGING SUPERVISORS plan and organise the provision of meals and beverages in restaurants (including cafeterias, canteens, bistros and clubs), and at public or private functions, mainly for consumption on the premises.

SKILL LEVEL

The entry requirement for this unit group is a 3 year associate diploma. 2 years on-the-job training is usual. A licence or permit to operate is required by local government authorities.

TASKS include:

- directing and participating personally in restaurant and catering operations
- planning menus in consultation with the chef

MANAGERS AND ADMINISTRATORS

- purchasing or controlling the purchase of food supplies and monitoring quality at all stages of preparation and presentation
- controlling the selection and training of staff and supervising their work
- maintaining records of stock levels and financial transactions
- determining salaries and prices
- arranging for advertising and handling public relations
- inspecting dining room, kitchen and storage facilities to ensure they meet health requirements and are clean, functional and pleasing in appearance

OCCUPATIONS

- 1503-11 Restaurant and Catering Managing Supervisor**
Canteen Manager (s)
Caterer (s)
Mess Supervisor (Defence Forces) (s)
Restaurateur (s)

1505 ACCOMMODATION AND TAVERN MANAGING SUPERVISORS

ACCOMMODATION AND TAVERN MANAGING SUPERVISORS plan and organise the operation of hotel, motel, lodging facilities and grounds at caravan and tourist parks, recreational camp sites and other accommodation establishments.

SKILL LEVEL

The entry requirement for this unit group is 1-5 years previous experience as supervisor of an accommodation establishment. A licence, permit or lease to operate is required by local government authorities.

TASKS Include:

- planning, directing and participating personally in the operations of the establishment
- controlling the selection and training of staff and supervising their work in various organisational units such as reception, dining room, kitchen, bar etc
- registering guests, assigning accommodation and showing guests the accommodation and recreation facilities
- checking rooms, collecting keys, determining and collecting payment when guests check out
- maintaining records of financial transactions
- informing guests of local tourist attractions and recreational facilities and attending to queries and complaints lodged by customers
- arranging the cleaning and maintenance of gardens, grounds, buildings and any other facilities

OCCUPATIONS

- 1505-11 Hotel/Motel Manager**
Hotelier (s)
Publican (s)
Resort Manager (s)
Tavern Manager (s)
- 1505-13 Caravan Park Manager**
- 1505-99 Accommodation and Tavern Managing Supervisors nec**

GROUP DEFINITIONS

Boarding House Manager (s)
Hostel Manager (s)

1507 FINANCIAL INSTITUTION BRANCH MANAGERS

FINANCIAL INSTITUTION BRANCH MANAGERS plan and organise the day-to-day financial activities of a branch office of a Bank, Credit Union, Building Society or other financial institution.

SKILL LEVEL

The entry requirement for occupations in this unit group is 5-15 years experience in financial institutions.

TASKS Include:

- planning, directing and participating in the operations of the institution
- implementing or adapting standard office procedures prepared by head office
- assessing and authorising loan applications
- advising clients on investment
- promoting the branch and actively developing business
- controlling the selection, training and supervision of staff
- organising staffing to ensure availability during peak periods, after hours or for priority work
- ensuring security procedures are implemented for safeguarding and moving cash and important documents

OCCUPATIONS

- 1507-11 Financial Institution Branch Manager**
Bank Manager (s)
Building Society Manager (s)
Credit Union Manager (s)

1599 OTHER MANAGING SUPERVISORS (SALES AND SERVICE)

This unit group covers occupations not elsewhere classified in Minor Groups 15, Managing Supervisors (Sales and Service).

SKILL LEVEL

There is no specific entry requirement for this unit group although some occupations may require previous experience in the relevant industry. A licence, permit or lease to operate is required by local government authorities.

OCCUPATIONS

- 1599-11 Hairdressing Establishment Managing Supervisor**
- 1599-13 Sports Centre Manager**
Sports Centre Administrator (s)
- 1599-15 Postmaster/mistress**
- 1599-17 Real Estate Agency Manager**
- 1599-19 Bookmaker**
- 1599-21 Railway Station Master/Mistress**

GROUP DEFINITIONS

MANAGERS AND ADMINISTRATORS

1599-99 Managing Supervisors (Sales and Service)
nec
Beauty Parlour Manager (s)
Licensed Club Manager (s)
Stock and Station Agency Manager (s)
Stockbroking Firm Manager (s)
TAB Manager (s)

MINOR GROUP 16 MANAGING SUPERVISORS (OTHER BUSINESS)

MANAGING SUPERVISORS (OTHER BUSINESS) head establishments too small to have a hierarchy of managers, which carry out activities other than agriculture, retail trade or services to the general public. They co-ordinate all functions of the establishment, formulating policies and objectives in both general and specific terms, and ensuring that the finance, staffing, training and marketing functions operate efficiently. Their immediate subordinates are usually supervisors. (All supervisors can be found in the same unit group as the most highly skilled occupation they supervise.)

Occupations in this minor group have a level of skill commensurate with 5-10 years experience in a relevant field or industry. However, the entry requirement for Professional Builder is a 5 year degree.

Tasks performed by Managing Supervisors (Other Business) typically include directing and participating in business operations; promoting and advertising the products and services; controlling selection, supervision and training of staff; determining staffing and salary levels; formulating purchasing and marketing policy; authorising financial arrangements with customers, suppliers and contractors; and discussing and determining customer requirements.

This minor group includes Professional Builders because they cannot reliably be distinguished in statistical collections from Building Contractors. They do not manage small businesses but direct the use of resources for government and corporate building programmes.

Occupations in this minor group are classified into the following unit group:

1601 MANAGING SUPERVISORS (OTHER BUSINESS)

1601 MANAGING SUPERVISORS (OTHER BUSINESS)

MANAGING SUPERVISORS (OTHER BUSINESS) co-ordinate the operations of relatively small businesses conducting operations in manufacturing, wholesale trade, construction and various industries other than primary production, retail trade and services

SKILL LEVEL

There is no formal entry requirement for this unit group, although Managing Supervisors may have previous experience in the relevant industry. The entry requirement for Professional Builder, however, is a 5 year degree. A licence or permit to operate is required by local government authorities.

TASKS include:

- recruiting and directing staff
- ordering products from manufacturers, importers or overseas suppliers for sale to other establishments for resale or use in those establishments
- examining market trends and formulating policies

accordingly

- liaising with customers to determine requirements for specific products or markets, and answering queries and complaints
- determining and implementing marketing strategies for products
- engaging and controlling work of sub-contractors

OCCUPATIONS

- 1601-11 Importer-Exporter
Import-Export Business Manager (s)
- 1601-13 Professional Builder
Building and Construction Manager (s)
- 1601-15 Building Contractor
Contract Builder (s)
- 1601-17 Wholesaler
- 1601-19 Manufacturer
- 1601-99 Managing Supervisors (Other Business) nec
Laundry Manager (s)

MAJOR GROUP 2

PROFESSIONALS

PROFESSIONALS perform analytical, conceptual and creative tasks requiring a high level of intellectual ability and thorough understanding of an extensive body of theoretical knowledge.

Most occupations in this major group have a level of skill commensurate with a 3 year degree or diploma, with some occupations requiring a longer basic degree and/or postgraduate qualifications.

Tasks performed by Professionals typically include conducting and analysing research to extend the body of knowledge in their discipline; developing techniques to apply this knowledge; designing products, physical structures and engineering systems; identifying and treating, or advising on, health, social and personal problems; teaching the theory and practice of one or more disciplines; developing and co-ordinating administrative programmes; and communicating ideas through language and artistic media (including in visual and performing arts).

This major group includes leaders of teams of Professionals whose tasks are primarily of a professional nature but who perform some managerial tasks in respect of the team (e.g. Chief Architect, Chief Civil Engineer).

Chief Accountant and School Principal are excluded from this major group because their tasks are primarily managerial. They are located in Major Group 1, Managers and Administrators.

Occupations in this major group are classified into the following minor groups:

- 21 NATURAL SCIENTISTS**
- 22 BUILDING PROFESSIONALS AND ENGINEERS**
- 23 HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS**
- 24 SCHOOL TEACHERS**
- 25 OTHER TEACHERS AND INSTRUCTORS**
- 26 SOCIAL PROFESSIONALS**
- 27 BUSINESS PROFESSIONALS**
- 28 ARTISTS AND RELATED PROFESSIONALS**
- 29 MISCELLANEOUS PROFESSIONALS**

MINOR GROUP 21 NATURAL SCIENTISTS

NATURAL SCIENTISTS observe, research and analyse natural phenomena; develop techniques and materials for medical, industrial, agricultural, mining and military applications; manage natural resources and advise on the cultivation of plants and animals; and provide information to Medical Practitioners on the diagnosis, treatment and prevention of disease.

Occupations in this minor group have a level of skill commensurate with a 4 year degree and some postgraduate study or training.

Tasks performed by Natural Scientists typically include conducting experiments, examinations and analyses; interpreting and analysing data and results of experiments; developing procedures and equipment for scientific research; and preparing scientific papers and reports.

Occupations in this minor group are classified into the following unit groups:

- 2101 CHEMISTS
- 2103 GEOLOGISTS AND GEOPHYSICISTS
- 2105 PHYSICISTS
- 2107 LIFE SCIENTISTS
- 2109 MEDICAL TESTING PROFESSIONALS
- 2199 OTHER NATURAL SCIENTISTS

2101 CHEMISTS

CHEMISTS analyse and research the physical and chemical properties of substances and develop chemical techniques for use in the manufacture or modification of natural substances and processed products.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- conducting experiments to identify chemical composition, energy and chemical changes in natural substances or processed materials
- developing procedures, instruments and recording and testing systems for use in experiments
- analysing results and experimental data
- testing techniques and processes under a variety of conditions to ascertain reliability
- developing quality control procedures for the manufacture of products in plants or factories
- preparing scientific papers and reports

OCCUPATIONS

- 2101-11 Chemist
Assayer (s)
Chief Chemist (s)
Food Technologist (s)

RELATED OCCUPATIONS

- 2217-17 Materials Scientist

2103 GEOLOGISTS AND GEOPHYSICISTS

GEOLOGISTS AND GEOPHYSICISTS study the nature, composition and structure of the earth and other planetary bodies and of atmospheres and hydrospheres. They use geological knowledge to locate mineral deposits, determine the flow pattern of ocean tides and currents and forecast seismic, magnetic, electrical and thermal activity.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- exploring specific areas of the earth to determine structure and type of rocks and minerals
- measuring gravitational and magnetic fields to determine size, mass and structure of the earth and planetary bodies
- determining structure of earth's mantle and crust using explosion seismology methods
- interpreting remote sensing imagery to identify rock types and structural trends which suggest the presence of features for further investigation
- examining samples (including fossils) from field studies, ground and structural trends which suggest chemical and mechanical laboratory techniques
- analysing and interpreting data derived from laboratory and field studies
- conferring with mining engineers, metallurgists and finance professionals to determine the economics of resource extraction
- preparing scientific papers and reports

OCCUPATIONS

- 2103-11 Geologist
Chief Geologist (s)
Geochemist (s)

GROUP DEFINITIONS

Mud Logger (s)

- 2103-13** Geophysicist
Hydrologist (s)
Physical Oceanographer (s)
Seismologist (s)

2105 PHYSICISTS

PHYSICISTS study structure and physical properties of matter, behaviour, relationships and interactions of matter, energy and other physical phenomena, and develop materials, products and processes using knowledge of physics.

SKILL LEVEL

The entry requirement for this unit group is an honours degree.

TASKS include:

- conducting experiments, tests and analyses in fields such as mechanics, optics, sonics, thermodynamics, electricity, electronics, magnetism and nuclear physics
- studying specific aspects of the functions and physical mechanisms of systems in living organisms
- examining physical forces involved in replication and heredity
- developing industrial, medical, military and other applications of physics
- expressing observations, formulating conclusions and illustrating hypotheses using mathematical techniques and models
- preparing scientific papers and reports

OCCUPATIONS

- 2105-11** Physicist
Astronomer (s)
Chief Physicist (s)
Cosmologist (s)
Crystallographer (s)

2107 LIFE SCIENTISTS

LIFE SCIENTISTS examine the morphology, structure, chemistry and physical characteristics of humans, animals, plants and other living organisms, develop practical applications of biological and related theory; study the environment of, and interrelationships between, animals and plants; develop and manage forest lands and resources; and advise farmers on all aspects of farming.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- studying the physical and chemical form, structure, composition and function of organs and tissues
- researching the effect of internal and external environmental factors on the life processes and functions of humans, plants and animals, such as respiration, circulation, movement etc., under normal and abnormal conditions
- identifying and studying the chemical substances

PROFESSIONALS

and events involved in physiological processes

- growing plants under controlled conditions to study the impact of environmental factors on plant growth
- observing the structure of communities of organisms in the laboratory and natural environment to predict the effect of human influences
- studying forest plants and environmental effects upon them, and planning maximum long-term economic, environmental and recreational benefits from forest resources
- advising farmers on growth and production rates of field crops, produce and livestock
- preparing scientific papers and reports

OCCUPATIONS

- 2107-11** Anatomist
Animal Morphologist (a)
Embryologist (s)
Histologist (s)
Neuroanatomist (s)

- 2107-13** Physiologist
Endocrinologist (s)

- 2107-15** Biochemist
Enzyme Chemist (s)
Molecular Biologist (s)
Protein Chemist (s)

- 2107-17** Biophysicist

- 2107-19** Botanist
Agronomist (s)
Agrostologist (s)
Horticultural Scientist (s)
Plant Anatomist (s)
Plant Morphologist (s)
Plant Pathologist (s)
Plant Physiologist (s)
Plant Scientist (s)
Plant Taxonomist (s)

- 2107-21** Ecologist

- 2107-23** Zoologist
Animal Nutritionist (s)
Animal Taxonomist (s)
Entomologist (s)
Insect Pathologist (s)
Soil Zoologist (s)
Veterinary Parasitologist (s)
Veterinary Pathologist (s)

- 2107-25** Forester
Forest Manager (a)
Forest Scientist (s)
Forestry Adviser (s)
Harvesting Manager (Forestry) (s)
Silviculturist (s)

- 2107-27** Agricultural Extension Officer
Agricultural Adviser (a)
Agricultural Consultant (s)
Farm Consultant (s)

- 2107-99** Life Scientists nec
Bacteriologist (s)
Cell Biologist (s)
Geneticist (s)
Microbiologist (s)
Parasitologist (s)
Pharmacologist (except Clinical) (s)
Soil Biologist (s)
Toxicologist (s)
Virologist (s)

PROFESSIONALS

2109 MEDICAL TESTING PROFESSIONALS

MEDICAL TESTING PROFESSIONALS conduct medical laboratory tests and apply knowledge and methodology from various scientific disciplines such as physics, chemistry and engineering to provide information and develop equipment for diagnosis, treatment and prevention of human disease.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

TASKS include:

- preparing tissue sections for microscopic examination to determine the nature, cause and progress of disease
- performing autopsies to determine the nature and extent of disease or injury or the cause of death
- analysing body specimens to determine presence and quality of microbic infections and various chemical substances
- studying characteristics of blood cells related to various physiological and pathological conditions, and performing blood tests
- assessing the effects of microbic behaviour on tissue and investigating responses of the body to foreign cells or other agents
- advising on the use of ionising radiation, and formulating radiation protecting procedures for the hospital environment
- developing electronic and mechanical equipment to assist in the diagnosis, treatment and rehabilitation of patients
- preparing case reports

GROUP DEFINITIONS

OCCUPATIONS

- 2109-11 Medical Laboratory Scientist**
Clinical Laboratory Scientist (a)
Clinical Chemist (a)
Cytologist (a)
Epidemiologist (a)
- 2109-13 Clinical Physical Scientist**
Biomedical Engineer (a)
Medical Physicist (a)

2199 OTHER NATURAL SCIENTISTS

This unit group covers occupations not elsewhere classified in minor group 21, Natural Scientists.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

OCCUPATIONS

- 2199-11 Environmental Scientist**
Air Pollution Analyst (a)
Land Degradation Analyst (a)
Water Quality Analyst (a)
- 2199-13 Soil Scientist**
Pedologist (a)
Soil Conservationist (a)
- 2199-15 Meteorologist**
Agrometeorologist (a)
Hydrometeorologist (a)
Research Meteorologist (a)

MINOR GROUP 22 BUILDING PROFESSIONALS AND ENGINEERS

BUILDING PROFESSIONALS AND ENGINEERS apply specialised scientific and technical expertise to the operation and development of production systems and the design, construction, installation and maintenance of civil and industrial structures, plant and mechanical or electrical equipment. They survey and investigate geological and geographical phenomena in order to prepare graphic and pictorial representations of them and advise on the extraction of minerals, oil and gas and the undertaking of civil engineering projects.

Occupations in this minor group have a level of skill commensurate with a 3-5 year degree or diploma.

Tasks performed by Building Professionals and Engineers typically include preparing and analysing plans, maps or designs of buildings, landscapes, mines, oil and gas installations, production systems, mechanical and electrical equipment and other engineering projects; planning and monitoring the progress and operation of engineering projects and industrial production; estimating the costs and advising on the feasibility of engineering and survey operations; liaising with clients, other professionals and managers to resolve design, planning and operational problems; and conducting applied research to solve practical problems.

Aircraft Maintenance Engineers are excluded from this minor group because they do not require extensive theoretical knowledge and the entry requirement for these occupations is a trade certificate. They are located in Unit Group 4211, Aircraft Maintenance Engineers. Professional Builders are located in Unit Group 1601, Managing Supervisors (Other Business), as they cannot reliably be distinguished in statistical collections from Building Contractors.

Occupations in this minor group are classified into the following unit groups:

- 2201 ARCHITECTS AND LANDSCAPE ARCHITECTS**
- 2203 QUANTITY SURVEYORS**
- 2205 CARTOGRAPHERS AND SURVEYORS**
- 2207 CHEMICAL ENGINEERS**
- 2209 CIVIL ENGINEERS**
- 2211 ELECTRICAL AND ELECTRONICS ENGINEERS**
- 2213 MECHANICAL ENGINEERS**
- 2215 MINING ENGINEERS**
- 2217 METALLURGISTS AND MATERIALS SCIENTISTS**
- 2219 OTHER ENGINEERS**

2201 ARCHITECTS AND LANDSCAPE ARCHITECTS

ARCHITECTS AND LANDSCAPE ARCHITECTS design commercial, industrial and residential buildings and landscapes and plan construction.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree or post-graduate diploma. Architects are required to register with state authorities to practise privately.

TASKS include:

- analysing sites and making appropriate recommendations for development or construction
- preparing detailed scale drawings and detailed specifications for design and construction
- liaising with clients and other professionals on matters of design, cost, timing and feasibility of projects

- monitoring construction to ensure compliance with specifications

OCCUPATIONS

- 2201-11 Architect**
Chief Architect (s)

- 2201-13 Landscape Architect**

RELATED OCCUPATIONS

- 2219-15 Naval Architect
2907-11 Urban and Regional Planner
4805-13 Landscape Gardener

2203 QUANTITY SURVEYORS

QUANTITY SURVEYORS prepare and monitor cost estimates and bills of quantities for construction projects.

PROFESSIONALS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma.

TASKS include:

- analysing architectural and engineering drawings and specifications to estimate the cost of materials, labour and construction
- liaising with architects, builders and engineers
- monitoring changes of design and assessing effects on cost
- advising clients on tenders
- advising on costs of alternative construction materials and methods and on alternative contractual arrangements

OCCUPATIONS

2203-11 Quantity Surveyor

2205 CARTOGRAPHERS AND SURVEYORS

CARTOGRAPHERS AND SURVEYORS use digital and graphic source material and surveying techniques to determine the exact position of natural and constructed geographical features and prepare or revise graphic and pictorial representations. They also supervise and co-ordinate the work of other cartographers, technicians and field workers.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma.

TASKS include:

- determining the position of points of the earth's surface including the ocean bed
- designing and compiling map manuscripts
- liaising with other professionals
- advising on technical, environmental and other requirements connected with surveying, mapping, land sub-division and development
- advising on technical, aesthetic and economic aspects of map production
- researching and developing surveying and cadastral systems and information/data banks

OCCUPATIONS

2205-11 Cartographer

2205-13 Surveyor
Air Photo Plotter (Air Force) (s)
Cadastral Surveyor (s)
Engineering Surveyor (s)
Geodetic Surveyor (s)
Hydrographic Surveyor (s)
Photogrammetric Surveyor (s)

2207 CHEMICAL ENGINEERS

CHEMICAL ENGINEERS conduct applied research to develop and improve commercial-scale chemical products or processes, and design and prepare specifications for commercial-scale chemical plants and control systems. They oversee industrial

GROUP DEFINITIONS

processing and fabrication operations involving products undergoing physical and chemical changes. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- investigating practical engineering problems, conducting mathematical modelling and computer simulation of complex processes
- evaluating merits of batch and continuous flow operations and optimising process conditions
- designing pilot plants and systems used for effecting chemical changes, heat transfer, removal of components, fuel evaluation, control, storage and handling of solids, liquids and gases
- advising sales personnel and market researchers on processes and products
- overseeing operation and maintenance of equipment to achieve maximum efficiency under safe operating conditions
- ensuring that materials and equipment conform to specifications, diagnosing malfunctions and instituting remedial action
- preparing reports, feasibility studies and detailed costings

OCCUPATIONS

2207-11 Chemical Engineer
Combustion Engineer (s)
Petrochemical Process Engineer (s)
Principal Chemical Engineer (s)
Smelting Engineer (s)
Water Treatment Engineer (s)

2209 CIVIL ENGINEERS

CIVIL ENGINEERS plan, design and direct construction and manage operations and maintenance of large-scale transport, water supply and sewerage structures. They conduct research into materials, processes and systems, scientific theories and principles applicable to practical engineering problems. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- conducting experiments, investigating and correlating data on concrete technology, structures, soil mechanics, hydrology, hydraulics, water and waste treatment processes and other such areas
- designing hydraulic systems, roads, aerodromes, water supply systems, sewerage systems, bridges, dams, buildings and harbours
- determining and specifying construction methods, materials and quality standards
- analysing loading, labour, productivity and performance of materials and systems
- ensuring that equipment, operation and maintenance accord with design specifications
- diagnosing malfunctions and instituting remedial action

GROUP DEFINITIONS

- establishing work control systems to promote and monitor operational efficiency, safety, cost-effectiveness and environmental protection
- establishing a detailed programme to co-ordinate site activities, administer contracts, and ensure satisfactory completion

OCCUPATIONS

- 2209-11 Civil Engineer**
Chief Civil Engineer (s)
Construction Engineer (s)
Municipal Engineer (s)
Structural Engineer (s)
Transport Engineer (Army) (s)
Water Supply Distribution Engineer (s)

2211 ELECTRICAL AND ELECTRONICS ENGINEERS

ELECTRICAL AND ELECTRONICS ENGINEERS design and develop electrical and electronic systems and equipment used in communications, process control, navigation, data processing, entertainment, power generation and distribution, and oversee their manufacture, testing, installation, operation and maintenance. They research electrical and electronic phenomena in order to solve practical engineering problems. They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS Include:

- conducting experiments; investigating and correlating data on power generation and transmission systems, transformers, switchgear and electric motors and their controls, telemetry and remote control systems, process and systems control, data processing equipment, radar, communications equipment, and microwave systems
- preparing and evaluating designs and specifications and overseeing manufacture, installation and operation of equipment and systems, ensuring compliance with specifications and contractual arrangements
- determining arrangement of circuit elements, transistors and integrated circuits and location, layout and transmission medium
- developing test apparatus and evaluation procedures
- developing or modifying electrical components, equipment and appliances, overseeing construction of prototype circuits
- establishing safety and performance standards and procedures for modification, maintenance and repair

OCCUPATIONS

- 2211-11 Electrical Engineer**
Chief Electrical Engineer (s)
Electrical Maintenance Engineer (s)
Electrical Power Engineer (s)
- 2211-13 Electronics Engineer**
Chief Electronics Engineer (s)
Communications Engineer (s)
Computer Engineer (s)
Process Control Engineer (s)
Radio Engineer (s)
Telecommunications Engineer (s)

PROFESSIONALS

2213 MECHANICAL ENGINEERS

MECHANICAL ENGINEERS design and develop machines, mechanisms, mechanical plant and systems and oversee their assembly, erection and operation. They conduct research into materials, mechanisms, machines and processes to solve practical engineering problems. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS Include:

- conducting experiments, investigating and correlating data on energy use, materials handling, thermodynamic processes, fluid mechanics, vehicles and environmental controls
- designing mechanical equipment, machinery, components, products for manufacture, plant and systems for construction
- developing specifications for manufacture, determining materials, equipment, piping, material flows, capacities and layout of plant or systems
- overseeing construction and establishing work control systems to promote and monitor operational efficiency, safety, cost-effectiveness, quality and environmental protection
- evaluating performance of machinery and equipment to determine suitability for manufacturing application

OCCUPATIONS

- 2213-11 Mechanical Engineer**
Air-Conditioning Engineer (s)
Chief Mechanical Engineer (s)

2215 MINING ENGINEERS

MINING ENGINEERS plan and direct the engineering aspects of extraction of minerals, oil and gas from the earth (including the sea bed). They may supervise engineering associates and technical officers.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS Include:

- conducting preliminary surveys of mineral deposits to ascertain economic feasibility of ore extraction
- consulting geologists, geophysicists and other engineers concerning location, design and development of extractive processes
- planning location for drilling, layout of tunnels and chambers and construction of shafts
- selecting or designing machinery, facilities and systems for mining
- devising methods of controlling flow of oil or gas from wells
- preparing and evaluating cost estimates, specifications and tenders
- establishing safety procedures and first aid facilities

PROFESSIONALS

at the mine

OCCUPATIONS

2215-11 Mining Engineer (except Petroleum)
Chief Mining Engineer (s)

2215-13 Petroleum Engineer
Mud Engineer (s)
Oil and Gas Drilling Engineer (s)
Petrophysical Engineer (s)

2217 METALLURGISTS AND MATERIALS SCIENTISTS

METALLURGISTS AND MATERIALS SCIENTISTS investigate the properties of metals and alloys; develop new ceramic, polymeric and other materials; and develop, control and advise on extraction, refinement, alloying and treatment procedures. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree in metallurgical engineering or materials science or engineering.

TASKS include:

- studying structure and properties of metals and alloys, ceramics, polymers, plastics, composite materials and rubbers
- developing and testing new techniques and products
- evaluating metal properties during rolling, extruding, casting, welding and alloying processes
- studying engineering properties of materials in relation to tension, compression, impact, bending, fatigue and extremes of temperature using testing devices
- studying and applying chemical and process metallurgy techniques for extraction of metals and alloys in commercial quantities by high temperature smelting or leaching precipitation
- designing and developing techniques for moulding, casting, shaping and joining diverse materials and overseeing experimental production
- specifying temperatures, mixtures and other factors in the extraction or production process and devising procedures to protect materials against deterioration or corrosion
- preparing cost estimates and budgets to evaluate economic feasibility of the production process

OCCUPATIONS

2217-11 Extractive Metallurgist
Primary Metallurgist (a)
Hydrometallurgical Engineer (s)
Pyrometallurgical Engineer (s)

2217-13 Physical Metallurgist
Industrial Metallurgist (a)
Secondary Metallurgist (a)
Metallographer (s)

GROUP DEFINITIONS

Quality Control Metallurgist (s)
Radiological Metallurgist (s)

2217-15 Materials Engineer
Metallurgical Engineer (a)
Ceramics Engineer (s)
Polymer Engineer (s)

2217-17 Materials Scientist
Ceramics Scientist (s)
Polymer Scientist (s)

2219 OTHER ENGINEERS

OTHER ENGINEERS design, develop, oversee and participate in manufacturing, maintaining, modifying and repairing marine vessels and floating structures, aircraft, agricultural machinery and equipment. They conduct research to solve practical engineering problems and to evaluate the safety and cost-effectiveness of engineering methods and equipment. They may supervise engineering associates and technicians.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree.

TASKS include:

- consulting users of aircraft, ships, agricultural and other machinery concerning design requirements
- preparing preliminary designs and directing preparation of detailed designs
- determining layout and overseeing construction of irrigation, drainage, flood and water control systems, farm buildings, crop processing plant and processing systems for animal products
- preparing and evaluating specifications, tenders, estimates and contracts
- overseeing construction, assembly and installation of equipment
- authorising modifications, repairs and maintenance
- assessing production sequences and methods; recommending changes in procedures, utilisation of equipment and labour, and safety precautions

OCCUPATIONS

2219-11 Aeronautical Engineer
Air Safety Engineer (s)

2219-13 Agricultural Engineer

2219-15 Naval Architect

2219-17 Industrial Engineer
Methods Engineer (s)
Safety Engineer (s)

2219-99 Engineers nec
Military Armament Engineer (s)
Military Instrument Engineer (s)
Product Design Engineer (s)

MINOR GROUP 23

HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS diagnose physical and mental illnesses and conditions and recommend, administer, dispense and develop medications and treatment to promote or restore good health.

Occupations in this minor group have a level of skill commensurate with a 3-5 year degree. Specialist Medical Practitioners require, in addition, a 1 year internship and 4-6 years specialist training and study. Radiographers require a 2-3 year diploma.

Tasks performed by Health Diagnosis and Treatment Practitioners typically include examining patients to establish the nature of their complaint and performing or ordering tests, X-rays and other diagnostic procedures; selecting and administering appropriate treatment and therapy and advising patients of further treatment and preventive or therapeutic measures; prescribing, administering, preparing and dispensing medication and prosthetic or corrective devices, administering anaesthetic and performing surgery; and conducting research to improve diagnosis and treatment.

This minor group includes Veterinarians because they perform similar functions to medical practitioners but deal with animals. Radiographers are included because they assist Medical Practitioners in diagnosis and in recommending treatment.

Occupations which are concerned with treatment only are excluded from this minor group as they do not require a minimum 3 year degree or diploma. These can be found in Unit Groups 3401, 6603 and 6605. Clinical and Counselling Psychologists are excluded from this minor group because they treat mental conditions by emphasising non-medical aspects and using techniques characteristic of the discipline of psychology. They are located in Unit Group 2903.

Occupations in this minor group are classified into the following unit groups:

- 2301 GENERAL MEDICAL PRACTITIONERS
- 2303 SPECIALIST MEDICAL PRACTITIONERS
- 2305 DENTAL PRACTITIONERS
- 2307 PHARMACISTS
- 2309 OCCUPATIONAL THERAPISTS
- 2311 OPTOMETRISTS
- 2313 PHYSIOTHERAPISTS
- 2315 SPEECH PATHOLOGISTS
- 2317 CHIROPRACTORS AND OSTEOPATHS
- 2319 PODIATRISTS
- 2321 RADIOGRAPHERS
- 2323 VETERINARIANS
- 2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

2301 GENERAL MEDICAL PRACTITIONERS

GENERAL MEDICAL PRACTITIONERS diagnose and treat physical and mental illnesses, disorders and injuries, recommend preventive action and refer patients to Specialist Medical Practitioners.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree plus 1 year internship. Registration is required by State or Territory authorities.

TASKS include:

- examining patients and ordering laboratory tests, X-rays and other diagnostic procedures
- prescribing and administering drugs and other

remedial treatments

- inoculating patients against communicable diseases
- advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders
- delivering babies
- providing pre-natal and post-natal care
- referring patients to, and exchanging medical information with, specialists
- reporting births, deaths and notifiable diseases to government authorities

OCCUPATIONS

2301-11 General Medical Practitioner

2303 SPECIALIST MEDICAL PRACTITIONERS

SPECIALIST MEDICAL PRACTITIONERS diagnose and treat diseases and disorders (including congenital malfunctions and developmental and mental disorders) occurring in a particular area or system of the body (including the brain), and/or in a particular age group or during one specific phase (ie. rehabilitation), using specialist testing, diagnostic, surgical or medical techniques.

SKILL LEVEL

The entry requirement for this unit group is a 5-6 year degree in medicine plus a 1 year internship and 4-6 years specialist training and study.

TASKS include:

- receiving referrals from other medical practitioners
- diagnosing disorders by examining patients and using the results of laboratory and other tests
- taking blood and tissue samples, examining tissue, performing microscopic examination of bacterial cultures, using X-ray and other such imaging methods for diagnostic purposes
- prescribing and administering medication
- recommending admission to treatment and rehabilitation programmes
- operating on patients using specialised surgical procedures
- treating tumours by exposure to radiation
- administering anaesthetic and monitoring patients throughout surgical procedures and post-operative periods
- maintaining close liaison with other personnel caring for the patient
- instructing patients in remedial exercises and advising on preventive health practices

OCCUPATIONS

- 2303-11 Anaesthetist
- 2303-13 Cardiologist
- 2303-15 Obstetrician and Gynaecologist
- 2303-17 Ophthalmologist
- 2303-19 Orthopaedic Specialist
Orthopaedic Surgeon (s)
- 2303-21 Psychiatrist
- 2303-23 Radiologist
Diagnostic Radiologist (s)
Nuclear Medicine Specialist (s)
Radiation Oncologist (s)
Therapeutic Radiologist (s)
- 2303-25 Paediatrician
- 2303-27 Thoracic Specialist
Cardiovascular Specialist (a)
- 2303-29 Dermatologist
- 2303-31 Otorhinolaryngologist
Ear, Nose and Throat Specialist (a)
- 2303-33 Urologist
- 2303-35 Surgeon
Cardiothoracic Surgeon (s)
Neurosurgeon (s)
Ophthalmic Surgeon (s)

Otorhinolaryngological Surgeon (s)
Paediatric Surgeon (s)
Plastic and Reconstructive Surgeon (s)
Surgical Oncologist (s)

2303-37 Pathologist

Blood Transfusionist (s)
Clinical Biochemist (s)
Clinical Microbiologist (s)
Haematologist (s)
Histopathologist (s)
Immunologist (s)

2303-39

Specialist in Rehabilitation Medicine
Orthopaedic Rehabilitation Specialist (s)
Prosthetics and Orthotics Rehabilitation Specialist (s)
Spinal Injuries Rehabilitation Specialist (s)
Vocational Rehabilitation Specialist (s)

2303-41

Specialist Physician
Infectious Diseases Specialist (s)

2303-99

Specialist Medical Practitioners nec
Clinical Allergist (s)
Clinical Endocrinologist (s)
Clinical Pharmacologist (s)
Gastroenterologist (s)
Geriatrician (s)
Industrial Medicine Specialist (s)
Medical Oncologist (s)
Nephrologist (s)
Neurologist (s)
Occupational Medicine Specialist (s)
Renal Specialist (s)
Rheumatologist (s)

2305 DENTAL PRACTITIONERS

DENTAL PRACTITIONERS diagnose diseases, injuries, irregularities and malformations of teeth, gums, mouth tissue, jaw and other dento-facial structures, prescribe and administer restorative and preventive procedures, including surgery and other specialist techniques.

SKILL LEVEL

The entry requirement for this unit group is a 5 year degree. 2 years as a Dentist is a pre-requisite to specialisation and a minimum of 4 years on-the-job training in a particular specialisation is usual. Registration is required by State or Territory authorities.

TASKS include:

- examining teeth, gums, tissues and dento-facial structures, using dental and X-ray equipment in order to diagnose dental problems
- administering local and general anaesthetics
- filling cavities
- extracting decayed or deformed teeth
- constructing inlays and artificial crowns to replace portions of teeth
- designing, constructing and fitting complete and partial dentures, orthodontic and other appliances and performing bridge work
- performing specialist examinations and tests and undertaking or arranging appropriate treatment in a specialist area

GROUP DEFINITIONS

PROFESSIONALS

OCCUPATIONS

2305-11 Dentist

2305-13 Dental Specialist
Endodontist (s)
Oral Pathologist (s)
Oral Surgeon (s)
Orthodontist (s)
Paedodontist (s)
Periodontist (s)
Prosthodontist (s)

2307 PHARMACISTS

PHARMACISTS compound and dispense pharmaceuticals and other drugs and medicines in hospitals and pharmacies, and conduct research on production, storage, quality control and distribution of drugs and related supplies.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree plus a 1 year traineeship. Registration is required by State or Territory authorities.

TASKS include:

- preparing or directing preparation and labelling of liquid medicines, ointments, powders, tablets and other medications to fill prescriptions
- receiving prescriptions and checking for correct dosage and drug compatibility before dispensing
- advising on drug incompatibility and contradictions
- maintaining prescription files and recording issue of narcotics, poisons and habit forming drugs
- conferring with chemists, engineers and other professionals about manufacturing techniques and ingredients
- testing and analysing drugs to determine identity, purity and strength
- developing legally recognised standards and advising on government controls and regulations
- selling non-prescription drugs, sick-room supplies, toiletries, cosmetics and other commercial products

OCCUPATIONS

2307-11 Hospital Pharmacist

2307-13 Industrial Pharmacist

2307-15 Retail Pharmacist
Community Pharmacist (a)

2309 OCCUPATIONAL THERAPISTS

OCCUPATIONAL THERAPISTS assess the degree to which abilities are impaired by the aging process, developmental, neurological or physical injury or illness, psychological or social disability, and provide therapeutic programmes.

SKILL LEVEL

The entry requirement for this unit group is a 3 1/2 year degree. Registration is required by State or Territory authorities.

TASKS include:

- evaluating patients' emotional, psychological, developmental and physical capabilities
- conducting treatment programmes on an individual or group basis, directing recreational, remedial, social and educational activities
- training handicapped persons in self-care and normal living activities
- training patients with perceptual motor problems
- training children with learning or developmental disabilities
- monitoring and recording patients' activities, responses and progress

OCCUPATIONS

2309-11 Occupational Therapist

2311 OPTOMETRISTS

OPTOMETRISTS diagnose and treat eye disorders or defects not requiring medication or surgery.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- examining eyes, administering visual tests and assessing the nature and extent of vision problems and abnormalities
- prescribing and dispensing spectacle lenses, contact lenses and low vision aids
- checking lenses and aids made by optical mechanics for suitability and comfort
- advising patients on eye exercises, lighting and visual habits
- referring patients whose eyes show evidence of disease to other practitioners

OCCUPATIONS

2311-11 Optometrist

RELATED OCCUPATIONS

2303-17 Ophthalmologist
2399-15 Orthoptist

2313 PHYSIOTHERAPISTS

PHYSIOTHERAPISTS prevent and treat disorders of movement caused by injury or disease.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- testing muscles, nerves, joints and functional ability, and identifying and assessing patients' physical problems
- selecting appropriate form of therapy and treating

PROFESSIONALS

patients to reduce pain, improve circulation, strengthen muscles, restore joint mobility, improve cardiothoracic, cardiovascular and respiratory functions, balance and co-ordination

- training or retraining patients to perform normal living activities
- instructing patients and their families in procedures to be continued at home
- monitoring and recording patients' responses and progress

OCCUPATIONS

2313-11 Physiotherapist

RELATED OCCUPATIONS

2309-11 Occupational Therapist
2317-11 Chiropractor

2315 SPEECH PATHOLOGISTS

SPEECH PATHOLOGISTS diagnose and treat speech disorders.

SKILL LEVEL

The entry requirement for this unit group is a 4 year degree. Registration is required by State or Territory authorities.

TASKS include:

- administering tests and observing patients to determine nature and extent of disorders
- planning and conducting programmes of remedial exercises to correct stuttering, abnormal articulation and other disorders
- administering individual or group therapy for rehabilitation of patients with communication problems (caused by defective hearing, cerebral palsy, surgery or injury)
- treating and advising on children slow in learning to speak
- counselling and guiding language-handicapped individuals and families, their teachers and employers

OCCUPATIONS

2315-11 Speech Pathologist
Speech Therapist (a)

2317 CHIROPRACTORS AND OSTEOPATHS

CHIROPRACTORS AND OSTEOPATHS diagnose, treat and advise on prevention of physiological and mechanical disorders of the locomotor system.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree. Registration is required by State or Territory authorities.

TASKS include:

- examining patient, ordering or performing X-rays and pathological tests
- diagnosing disorder from discussion, observation

GROUP DEFINITIONS

and test results

- manipulating peripheral joints and soft tissues of the spinal column or other parts of the body framework to restore mechanical function
- advising on diet, nutrition and lifestyle
- prescribing exercises for rehabilitation and/or prevention

OCCUPATIONS

2317-11 Chiropractor

2317-13 Osteopath

RELATED OCCUPATIONS

2313-11 Physiotherapist
6699-17 Masseuse/Masseur

2319 PODIATRISTS

PODIATRISTS diagnose and treat ailments and abnormal conditions of the foot and perform minor surgery.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma. Registration is required by State or Territory authorities.

TASKS include:

- examining feet to determine nature and extent of conditions, deformities or injuries
- treating paralysis, ulceration and malfunction of the feet caused by diseases such as diabetes, rheumatoid arthritis and peripheral vascular disorders
- performing minor surgery to remove or ameliorate abnormal conditions
- prescribing and fitting replaceable pads, shields, supports and other corrective and protective foot devices
- prescribing and arranging fabrication of corrective footwear
- referring patients to medical practitioners where necessary

OCCUPATIONS

2319-11 Podiatrist
Chiropodist (a)

2321 RADIOGRAPHERS

RADIOGRAPHERS operate radiation producing and monitoring equipment for diagnostic, monitoring or treatment purposes, under the direction of a radiologist or other medical practitioner.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year diploma or associate diploma. 1-2 years on-the-job training is usual. Registration is required by State or Territory authorities.

TASKS include:

- following instructions from medical practitioner

GROUP DEFINITIONS

prescribing tests or treatment

- calculating length and intensity of exposure to radiation and size and strength of dosage of isotopes
- positioning patients, screens and equipment preparatory to procedure
- operating X-ray machines, radiation scanners and fluoroscopes
- compiling electronic or photographic records of tests for diagnostic purposes
- preparing radioactive materials for use in radiation scanning or radiation treatments

OCCUPATIONS

2321-11 Medical Diagnostic Radiographer

2321-13 Medical Therapeutic Radiographer

2321-15 Nuclear Medicine Technologist

2323 VETERINARIANS

VETERINARIANS diagnose and treat animal diseases, ailments and injuries, and advise on and implement preventive measures.

SKILL LEVEL

The entry requirement for this unit group is a 5 year degree. Registration is required by State or Territory authorities.

TASKS include:

- examining animals to determine the nature of the condition
- performing laboratory tests and X-ray examinations
- performing surgery on animals and performing obstetric services
- administering or prescribing drugs, sedatives, analgesics, general or local anaesthetics

PROFESSIONALS

- performing autopsies on animals
- inoculating animals against infectious diseases
- advising clients on hygiene, feeding, care and breeding of animals

OCCUPATIONS

2323-11 Veterinarian
Veterinary Surgeon (s)

RELATED OCCUPATIONS

8999-23 Veterinary Nurse

2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

This unit group covers occupations not elsewhere classified in Minor Group 23, Health Diagnosis and Treatment Practitioners.

SKILL LEVEL

The usual entry requirement for occupations in this unit group is a 3 year degree or diploma.

OCCUPATIONS

2399-11 Audiologist

2399-13 Dietitian
Nutritionist (s)

2399-15 Orthoptist

2399-99 Health Diagnosis and Treatment Practitioners nec
Acupuncturist (s)
Chinese Medicine Specialist (s)
Herbalist (s)
Homeopath (s)
Naturopath (s)
Orthotist (s)
Prosthetist (s)

MINOR GROUP 24 SCHOOL TEACHERS

SCHOOL TEACHERS educate children in primary, pre-primary, secondary or special schools. They promote physical, mental, social and emotional development and prepare young people for adult life.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by School Teachers typically include assessing the abilities and level of achievement of pupils through direct observation and administering tests; selecting, preparing and presenting courses, teaching materials and lessons suited to the abilities of the pupils; correcting and assessing pupils' work; attending to the social, emotional and physical well-being of pupils and maintaining acceptable standards of behaviour; and discussing individual progress and problems with other professionals, parents and pupils.

School Principals are excluded from this minor group because their tasks are primarily managerial and are broader in scope than supervising School Teachers. They can be found in Unit Group 1317, Education Managers.

Occupations in this minor group are classified into the following unit groups:

- 2401 PRE-PRIMARY SCHOOL TEACHERS
- 2403 PRIMARY SCHOOL TEACHERS
- 2405 SECONDARY SCHOOL TEACHERS
- 2407 SPECIAL EDUCATION TEACHERS

2401 PRE-PRIMARY SCHOOL TEACHERS

PRE-PRIMARY SCHOOL TEACHERS introduce children to the rudiments of music, art, literature and numeracy in a pre-primary centre, and promote their physical, mental and social development.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in teaching or education with special emphasis on early childhood education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- planning activities using a variety of materials and equipment designed to facilitate the children's development of gross and fine motor skills, and co-operative social skills
- promoting language development through story telling, role play, songs, rhymes and informal discussions
- observing children to evaluate progress and to detect signs of ill health, emotional disturbance or other disabilities
- providing for nutritional health, welfare and safety needs of children
- discussing child's progress and any problems with parents
- participating in parent/staff committees

OCCUPATIONS

- 2401-11 Pre-Primary School Teacher
- Early Childhood Teacher (s)
- Kindergarten Teacher (s)
- Pre-School Teacher (s)
- Kindergarten Director (s)

Pre-School Director (s)

RELATED OCCUPATIONS

- 2403 Primary School Teachers

2403 PRIMARY SCHOOL TEACHERS

PRIMARY SCHOOL TEACHERS teach a range of subjects within a prescribed curriculum, to pupils at primary and junior primary level.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- developing and preparing course curricula and teaching outlines for courses of study
- teaching subjects such as reading, writing, mathematics, science
- preparing, administering and marking tests, projects and assignments to evaluate pupils' progress and taking remedial steps where necessary
- discussing social, behavioural and learning problems with parents and/or school counsellors
- supervising pupils in classrooms and other areas of the school

OCCUPATIONS

- 2403-01 Senior Teacher, Infant-Primary School

- 2403-11 Primary School Teacher
 Infant School Teacher (s)
 Junior Primary School Teacher (s)
 Primary Teacher-Librarian (s)

RELATED OCCUPATIONS

- 2401 Pre-Primary School Teachers

2405 SECONDARY SCHOOL TEACHERS

SECONDARY SCHOOL TEACHERS teach one or more subjects within a prescribed curriculum, to pupils at secondary level.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Territories require registration with the appropriate authority.

TASKS include:

- developing and preparing course curricula and teaching outlines for courses of study
- teaching one or more subjects within the school curriculum through presentation of lesson material, discussions, workshop and laboratory sessions, and the use of audio-visual aids
- preparing, administering and marking tests, projects and assignments to evaluate pupils' progress, and recording the results
- maintaining discipline in classrooms and other school areas
- discussing individual progress and problems with pupils, parents and/or school counsellors and senior teachers
- participating in staff meetings, educational conferences, workshops and parent/teacher meetings

OCCUPATIONS

- 2405-01 Senior Teacher, Secondary School
 2405-11 Secondary School Teacher
 Secondary School Teacher-Librarian (s)

2407 SPECIAL EDUCATION TEACHERS

SPECIAL EDUCATION TEACHERS teach primary or secondary pupils with particular learning difficulties, intellectual, physical, social or emotional handicaps, exceptional intellectual gifts, or specific problems of language, and/or culture in special schools or classes.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in education or a 3 year degree plus a post-graduate diploma in education. Some States/Authorities require registration with the appropriate authority.

TASKS include:

- evaluating pupils' abilities and limitations and planning a special programme of study accordingly
- administering various forms of assessment and interpreting the results
- teaching basic academic subjects, and practical and self-help skills
- devising instructional materials, methods and aids to assist in the training or rehabilitation process
- advising, instructing and counselling parents and/or teachers on availability and use of special techniques
- stimulating and developing interests, abilities, manual skills and co-ordination

OCCUPATIONS

- 2407-11 Resource Teacher
 Remedial Teacher (s)
 Educational Support Teacher (s)
 Integration Teacher (s)
- 2407-13 Teacher of Disabled or Gifted Students
 Teacher of the Hearing Impaired (s)
 Teacher of the Intellectually Disabled (s)
 Teacher of the Visually Impaired (s)
- 2407-99 Special Education Teachers nec
 Aboriginal Education Teacher (s)
 Teacher of English as a Second Language (s)
 Teacher of Multi-cultural Studies (s)

MINOR GROUP 25 OTHER TEACHERS AND INSTRUCTORS

OTHER TEACHERS AND INSTRUCTORS educate students in tertiary and further educational institutions, or privately. They are specialists in the field of knowledge which they teach.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by Other Teachers and Instructors typically include preparing and presenting theoretical and practical subject matter in lectures, tutorials, lessons and workshop sessions; monitoring and assessing the progress of individual students; advising students on courses, progress and academic matters; and participating in meetings and conferences.

Education Managers are excluded from this minor group as their tasks are primarily managerial and are broader in scope than supervising teachers. They can be found in Minor Group 13, Specialist Managers.

Occupations in this minor group are classified into the following unit groups:

- 2501 UNIVERSITY AND CAE TEACHERS**
- 2503 TAFE TEACHERS**
- 2505 EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS**

2501 UNIVERSITY AND CAE TEACHERS

UNIVERSITY AND CAE (COLLEGE OF ADVANCED EDUCATION) TEACHERS prepare and deliver lectures and teach tertiary students in one or more subjects within a prescribed course of study, and conduct tutorials and research in a particular field of study.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree plus post-graduate study.

TASKS include:

- preparing and delivering lectures, conducting tutorials, seminars, and laboratory sessions
- preparing and marking essays, assignments and examinations
- advising students on academic and related matters
- participating in course development and in meetings on departmental, budgetary, curriculum and policy matters
- attending conferences and seminars, and conducting research into a particular field of knowledge

OCCUPATIONS

- 2501-11 University or CAE Lecturer**
Professor (s)
Reader (s)
- 2501-13 University or CAE Tutor**
University or CAE Demonstrator (s)
University or CAE Teaching Fellow (s)

2503 TAFE TEACHERS

TAFE (TECHNICAL AND FURTHER EDUCATION) TEACHERS teach trade and post-trade, technical,

para-professional, commercial, basic vocational, preparatory and adult education courses.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree, diploma or trade certificate plus a 1-2 year teaching diploma. TAFE Teachers (Trades) also require 5 years experience as a Tradesperson. Some States/Territories require maintenance of trade registration.

TASKS include:

- assisting with the administration of TAFE teaching and co-ordination of a teaching timetable
- presenting lesson material, discussions, workshops and laboratory sessions
- preparing, administering and marking projects, assignments and examinations to assess students
- participating in staff meetings, educational and trade related conferences and course development
- advising students on courses and related matters

OCCUPATIONS

- 2503-01 Head of School (TAFE)**
Head of Department (TAFE) (s)
Head Teacher (TAFE) (s)
- 2503-11 TAFE Teacher (Trades)**
- 2503-13 TAFE Teacher (General Education)**

2505 EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS

EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS instruct and train students in subjects such as art, music, dance and drama, in establishments external to the education system.

GROUP DEFINITIONS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in the relevant subject area. Driving and Flying Instructors and Nurse Educators are required to be licensed and/or registered.

TASKS include:

- planning programme of study for individual students or groups
- preparing and presenting material on theory of subject area
- instructing and demonstrating practical aspects of subject area
- assessing students and offering advice, criticism and encouragement

OCCUPATIONS

2505-11 Art Teacher (Private)

2505-13 Music Teacher (Private)
Singing Teacher (Private) (s)

PROFESSIONALS

2505-15 Dance Teacher (Private)
Ballet Teacher (s)

2505-17 Drama Teacher (Private)
Elocution Teacher (s)

2505-19 Driving Instructor

2505-21 Flying Instructor
Gliding Instructor (s)

2505-23 Ground School Instructor

2505-25 Nurse Educator
Clinical Nurse Teacher (s)

2505-99 Extra-Systemic Teachers and Instructors
nec
Aerobics Instructor (s)
Dressmaking Teacher (Private) (s)
Fitness Instructor (s)
Handicrafts Teacher (Private) (s)
Physical Fitness Instructor (s)
Sports Instructor (s)

MINOR GROUP 26 SOCIAL PROFESSIONALS

SOCIAL PROFESSIONALS provide guidance to clients or members of their congregation in social, educational, vocational, legal and spiritual matters, to enable them to find and use resources to overcome difficulties and achieve particular goals.

Occupations in this minor group have a level of skill commensurate with a 3-4 year degree or diploma.

Tasks performed by Social Professionals typically include discussing, analysing and assessing legal, social or spiritual needs of individuals, groups or committees; advising individuals or groups of their rights and obligations and on possible courses of action; representing or supporting individuals or groups undergoing difficulties; performing ceremonies and preparing documents in connection with social, spiritual and legal matters or important personal events; maintaining records and writing reports.

Occupations in this minor group are classified into the following unit groups:

- 2601 SOCIAL WORKERS**
- 2603 COUNSELLORS**
- 2605 LAWYERS**
- 2607 MINISTERS OF RELIGION**

2601 SOCIAL WORKERS

SOCIAL WORKERS plan, assess, administer and implement programmes in accordance with social policy and individual needs. They may supervise or train students and staff.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or graduate diploma in Community, Welfare or Social Work.

TASKS include:

- assessing individual, family or community need for social welfare programs
- advising individuals or groups in need or referring them to the appropriate community service or self-help agency
- evaluating, improving and developing welfare services
- compiling case records or reports
- providing follow-up services for clients

OCCUPATIONS

- 2601-11 Social Planner and Administrator**
- 2601-13 Community Social Worker**
- 2601-15 Social Case Worker**

2603 COUNSELLORS

COUNSELLORS assess clients' needs and provide information and advice on educational, vocational, legal or social matters.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree in the Social Sciences or post-graduate diploma in Counselling.

TASKS include:

- collecting data relevant to clients' needs
- conducting counselling or therapeutic interviews
- analysing situations and presenting alternative approaches
- informing judges or legal practitioners of aspects of clients' cases relevant to Family Court proceedings
- liaising with voluntary, State, Federal and other welfare organisations

OCCUPATIONS

- 2603-11 Rehabilitation Counsellor**
Drug and Alcohol Counsellor (s)
- 2603-13 Marriage Counsellor**
Family Counsellor (s)
Relationship Counsellor (s)
Family Therapist (s)
- 2603-15 Family Court Counsellor**
- 2603-17 Careers Counsellor and Adviser**
Vocational Counsellor (s)
- 2603-99 Counsellors nec**
Educational Counsellor (s)
Housing Counsellor (s)
Student Counsellor (s)

2605 LAWYERS

LAWYERS advise clients on legal matters, draw up documents, draft legislation, and negotiate, prepare

GROUP DEFINITIONS

and conduct court cases on behalf of individuals, corporations or Government.

SKILL LEVEL

The entry requirement for this unit group is a 4-5 year degree or post-graduate degree. 1 year on-the-job training is usual.

TASKS Include:

- preparing cases by investigating circumstances, researching relevant statutes and previous court decisions
- briefing other legal professionals
- representing clients in court
- advising on legal, constitutional or parliamentary matters
- drawing up wills, documents relating to court matters, sale and purchase of land, leases and mortgages
- liaising with other law firms and relevant organisations
- researching and preparing reports/proposals on law reform and administration

OCCUPATIONS

- 2605-11 Barrister
Queen's Counsel (s)
- 2605-13 Solicitor
- 2605-91 Articled Clerk
- 2605-99 Lawyers nec
Corporate Legal Officer (s)
Judge's Associate (s)
Parliamentary Counsel (s)

PROFESSIONALS

2607 MINISTERS OF RELIGION

MINISTERS OF RELIGION conduct services and provide spiritual guidance and motivation for a congregation, parish or community.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or associate diploma in religious belief and practice.

TASKS Include:

- preparing and conducting services of public worship and administering sacraments in accordance with the accepted ceremonial requirements of the respective denomination
- participating in the social and welfare activities of a community and encouraging social responsibility
- instructing in religious principles and practice
- advising individuals or groups in need or referring them to the appropriate welfare or self-help agency
- performing marriage, funeral and special memorial services
- maintaining records as required by civil or church law

OCCUPATIONS

- 2607-11 Minister of Religion
Aboriginal Ceremonial Celebrant (s)
Chaplain (s)
Clergyman/woman (s)
Deacon/Deaconess (s)
Priest (s)
Rabbi (s)
Religious Brother (s)
Religious Sister (s)
Salvation Army Officer (s)
Student Minister (s)

MINOR GROUP 27 BUSINESS PROFESSIONALS

BUSINESS PROFESSIONALS develop, implement and administer systems and programmes to provide accounting, publicity, staffing, staff development and training, and computing services, and conduct research to develop new techniques and applications in these areas.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma.

Tasks performed by Business Professionals typically include collecting, organising, analysing, presenting and interpreting financial, staff, computing and other business information; co-ordinating and undertaking research, and analysing results; developing methods to improve and promote business operations and effectiveness; preparing reports, manuals, statements and publicity material; designing or advising on computing systems; and writing computer software.

Occupations in this minor group are classified into the following unit groups:

- 2701 ACCOUNTANTS
- 2703 PUBLIC RELATIONS OFFICERS
- 2705 PERSONNEL SPECIALISTS
- 2707 COMPUTING PROFESSIONALS
- 2799 OTHER BUSINESS PROFESSIONALS

2701 ACCOUNTANTS

ACCOUNTANTS plan and provide accounting and auditing systems and services, and advise individuals and enterprises on accounting matters. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a degree, diploma or business certificate. Special registration may be required under various State legislation for practice as a company auditor, liquidator, tax agent or to audit under certain acts.

TASKS include:

- collecting, analysing and interpreting information on financial standing, cost structures and trading effectiveness of organisations
- devising, reorganising or establishing budgetary cost control and other accounting systems, including computer based systems
- conducting audits and investigations
- preparing financial statements and reports for management, shareholders, statutory or other bodies

OCCUPATIONS

- 2701-11 Accountant
Auditor (s)
Bursar (s)
Liquidator (s)
Tax Agent (s)
- 2701-91 Trainee Accountant
Cadet Accountant (a)

2703 PUBLIC RELATIONS OFFICERS

PUBLIC RELATIONS OFFICERS plan, organise and conduct programmes of information dissemination to promote a favourable view of an organisation, product or services among the public.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma.

TASKS include:

- commissioning research into public opinion, analysing findings and planning publicity campaigns accordingly
- co-ordinating the work of other researchers and publicity writers, appraising and revising their work
- preparing news releases
- commissioning or obtaining photographs or other illustrative material
- organising exhibitions, seminars, entertainment, competitions and social functions to promote good-will and give favourable publicity
- arranging interviews and other dealings with publicity media on employers' behalf and representing employer at business, social and other functions

OCCUPATIONS

- 2703-11 Public Relations Officer
Information Officer (Public Relations) (s)
Publicity Officer (s)
Advertising Account Executive (s)
Marketing Officer (s)
Media Officer (s)
Press Officer (s)
Promotions Officer (s)

GROUP DEFINITIONS

2705 PERSONNEL SPECIALISTS

PERSONNEL SPECIALISTS plan, develop, implement and evaluate staff development, training and recruitment programmes and organise staffing in commercial, industrial, government or other organisations.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma in social science, personnel or management studies.

TASKS include:

- assessing staffing needs
- devising general and specialised staff training programmes and performance appraisal procedures/programmes
- compiling training manuals, visual aids and materials
- advising management on development, placement and promotion of staff and on personnel procedures
- counselling staff on vocational matters, grievances and difficulties
- assisting in planning recreational services and safety programmes and in implementing equal opportunity, anti-discrimination and other such programmes

OCCUPATIONS

2705-11 Personnel Officer
Employment Officer (s)
Equal Employment Officer (s)
Recruitment Officer (s)

2705-13 Training Officer

2705-15 Staff Development Officer

RELATED OCCUPATIONS

1309-11 Personnel and Industrial Relations Manager
2603-17 Careers Counsellor and Adviser
3901-15 Welfare Officer
5905 Personnel Clerks

2707 COMPUTING PROFESSIONALS

COMPUTING PROFESSIONALS design and prepare software to meet specific requirements in all aspects of the computing environment, control and audit the operation of computing facilities within an organisation, and research theoretical aspects of computing.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma in computer science. However, EDP Auditors may enter with a 3-4 year degree in accounting, and Computer Systems Analysts with a 3-4 year degree in electronic engineering. Database Administrators require an additional 5 years experience in an area related to database management.

PROFESSIONALS

TASKS Include:

- writing, testing and maintaining operations or end-use software
- analysing systems to determine whether all specific requirements within an organisation are met
- developing and improving data processing procedures
- designing and modifying operating environment software to link with other software or with hardware
- maintaining data dictionary and data management system of database to ensure integrity and security of data
- conducting research into computers and computer based systems
- developing techniques for the application of computing theory
- analysing computer operations and usage to assess completeness, accuracy, validity and efficiency of system

OCCUPATIONS

2707-11 Applications Programmer

2707-13 Systems Programmer
Software Programmer (a)
Communications Programmer (s)
Database Programmer (s)

2707-15 Analyst Programmer

2707-17 Computer Systems Analyst
Computer Analyst (a)
EDP Analyst (a)
Communications Analyst (s)
Database Analyst (s)
Telecommunications Analyst (s)

2707-19 Software Engineer
Computer Systems Engineer (Software) (a)
Computer Systems Designer (Software) (s)

2707-21 Database Administrator

2707-23 Computer Scientist

2707-25 EDP Auditor
Computer Auditor (a)
EDP Security Analyst (s)

RELATED OCCUPATIONS

2211-13 Electronics Engineer
2799-15 Organisation and Methods Analyst
3201-15 Electronics Engineering Associate
3201-17 Electronics Engineering Technician

2799 OTHER BUSINESS PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 27, Business Professionals.

SKILL LEVEL

The entry requirement for this unit group is a degree or diploma in the appropriate discipline.

OCCUPATIONS

2799-11 Medical Record Administrator
Medical Record Librarian (a)
Health Data Administrator (s)

PROFESSIONALS

GROUP DEFINITIONS

- 2799-13 Industrial Relations Officer
Industrial Officer (a)
Trade Union Official (s)
Trade Union Organiser (s)
- 2799-15 Organisation and Methods Analyst
Procedures Analyst (a)
Work Study Officer (s)
- 2799-99 Business Professionals nec
Management Consultant (s)

MINOR GROUP 28

ARTISTS AND RELATED PROFESSIONALS

ARTISTS AND RELATED PROFESSIONALS communicate ideas, facts and impressions by deliberately manipulating aesthetic variables in a wide range of media to achieve particular effects, evaluate and edit or amend the result, interpret the physical representation of a composition such as a musical score or a script in order to perform it or direct its performance, and host the presentation of such performances and other events.

Occupations in this minor group have a level of skill commensurate with a 3 year degree or diploma.

Tasks performed by Artists and Related Professionals typically include collecting and analysing information and conceiving and developing ideas; selecting media materials and methods for the presentation of ideas; writing, reviewing and editing journalistic copy, literary work, musical compositions or film, television and radio scripts; presenting information and producing, directing, performing and recording various kinds of entertainment; editing sound and/or visual recordings of performances; expressing ideas visually by painting, drawing, sculpting, photography or lighting.

Craftworkers are excluded from this minor group because of their emphasis on the function of their product and the technical aspects of its production. They can be found in Unit Group 4925, Craftworkers.

Occupations in this minor group are classified into the following unit groups:

- 2801 PAINTERS, SCULPTORS AND RELATED PROFESSIONALS
- 2803 PHOTOGRAPHERS
- 2805 DESIGNERS AND ILLUSTRATORS
- 2807 JOURNALISTS
- 2809 AUTHORS AND RELATED PROFESSIONALS
- 2811 FILM, TELEVISION AND STAGE DIRECTORS
- 2813 DANCERS AND CHOREOGRAPHERS
- 2815 MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS
- 2817 ACTORS AND RELATED PROFESSIONALS
- 2819 ANNOUNCERS

2801 PAINTERS, SCULPTORS AND RELATED PROFESSIONALS

PAINTERS, SCULPTORS AND RELATED PROFESSIONALS create visual forms using painting, drawing, printing, electronic or other media, and three dimensional forms by carving, modelling or constructing in order to communicate an impression or idea.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma.

TASKS include:

- conceiving and developing ideas for artistic presentation, and selecting and arranging subject
- selecting artistic medium, method and materials, and preparing materials
- painting and drawing or sculpting stone, wood, clay, wax or other material into desired shape, using techniques to harmonise relationships of line, colour, design and mass into a unified artistic arrangement

OCCUPATIONS

- 2801-11 Painter (Artistic)
Artist (Painting) (a)
Cartoonist (s)
- 2801-13 Sculptor
- 2801-99 Painters, Sculptors and Related Professionals nec
Environmental Artist (s)
Etcher (Artistic) (s)
Laser Artist (s)
Printmaker (s)
Scene Painter (Performing Arts) (s)

2803 PHOTOGRAPHERS

PHOTOGRAPHERS operate still cameras to take photographs of persons, places, merchandise and other subjects.

PROFESSIONALS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma or a 2 year basic vocational or para-professional certificate.

TASKS include:

- selecting type of camera, film, artificial lighting or flash
- setting up, or directing assistant to set up, equipment at assigned location
- measuring light levels and determining exposure
- adjusting camera angle, aperture setting and subject to achieve desired composition
- rearranging lighting and filters to bring out highlights and colours

OCCUPATIONS

2803-11 Photographer

2805 DESIGNERS AND ILLUSTRATORS

DESIGNERS AND ILLUSTRATORS create designs for new types and styles of clothing and accessories, new commercial and industrial products, and building interiors, or do artwork and illustrations for presentation by a wide variety of media.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma. For fashion designers a 2-3 year para-professional certificate is required.

TASKS include:

- determining the objectives of the design by consulting with client, undertaking research, analysing functional requirements or studying layouts
- formulating design concept for garment or fashion accessory, copy layout, commercial or industrial product, building interior or illustration
- preparing illustrations or sketches to communicate design concept
- discussing design with management, sales and manufacturing staff, and clients
- supervising the production of sample garment or accessory, instructing other workers making models or patterns of products, or instructing finishing or layout artists assembling artwork for printing
- selecting or recommending decorative and functional materials for building interior

OCCUPATIONS

2805-11 Fashion Designer
Costume Designer (s)

2805-13 Graphic Designer
Commercial Artist (s)
Animator (s)
Calligrapher (s)
Display Artist (s)
Exhibition Designer (s)
Package Designer (s)
Publication Designer (s)
Set Designer (s)

2805-15 Industrial Designer
Product Designer (s)
Furniture Designer (s)
Textile Designer (s)

GROUP DEFINITIONS

2805-17 Interior Designer

2805-19 Illustrator

RELATED OCCUPATIONS

3999-17 Layout Artist
3999-21 Interior Decorator

2807 JOURNALISTS

JOURNALISTS write and edit news reports, commentaries and feature stories for presentation by print or electronic media or compose written material to advertise products or services. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or cadetship, or a 1 year graduate cadetship. A 2 year associate diploma is required for Copy-writers.

TASKS include:

- collecting and analysing facts about newsworthy events from interviews, printed matter, investigations and observations
- determining advertising approach by consulting client and management, and studying product
- writing news reports, commentaries on topics of public interest, feature stories and newspaper headlines
- writing headline and text of advertisements
- reviewing copy for publication to ensure conformity with accepted rules of grammar, style and format, coherence of story, and accuracy and legality of content
- instructing printer on type to use for headlines and text and selecting photographs and drawings to illustrate copy

OCCUPATIONS

2807-01 Associate Editor
Assistant Editor (a)
News Editor (s)

2807-11 Sub-editor

2807-13 Reporter
News Correspondent (s)
Radio Journalist (s)
Roundman/woman (News) (s)

2807-15 Copy-writer
Continuity Writer (s)

2807-91 Cadet Journalist

2807-99 Journalists nec
Columnist (s)
Critic (s)
Editorial Assistant (s)
Editorial Writer (s)
Freelance Journalist (s)
Leader Writer (s)

GROUP DEFINITIONS

2809 AUTHORS AND RELATED PROFESSIONALS

AUTHORS AND RELATED PROFESSIONALS write, edit and evaluate literary works for publication and scripts for stage, film, radio and television productions.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or 2 year associate diploma.

TASKS include:

- selecting essay, play, novel, poem or film, radio or television script
- writing manuscript of literary composition or script
- reviewing and evaluating manuscripts of books submitted by authors or literary agents of scripts, stories and other material for radio, television, stage or motion picture production
- editing, or supervising editing of, material for coherence of style and grammar, and overseeing preparation of manuscript for publication

OCCUPATIONS

2809-11 Author
Librettist (s)
Novelist (s)
Playwright (s)
Poet (s)
Screenwriter (s)
Script Writer (s)

2809-13 Book Editor

2809-15 Script Editor

2811 FILM, TELEVISION AND STAGE DIRECTORS

FILM, TELEVISION AND STAGE DIRECTORS direct the overall production, or specific aspects of production, of motion pictures, radio or television programmes and stage shows.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or a 2 year associate diploma. On-the-job training of at least 6 months is usual.

TASKS include:

- studying script to determine artistic interpretation
- planning and arranging set designs, sound effects and lighting
- selecting costumes for motion picture, stage or television production
- selecting cast and allocating roles by viewing performances, conducting screen tests and auditions, and searching through talent files
- planning, directing and co-ordinating the filming of a motion picture or television programme, or the taping and broadcasting of a radio production
- editing film or video tape to produce desired effect and adding sound track music and other audio effects
- co-ordinating activities of studio or stage crew, performers and technicians during rehearsals and productions of programmes

PROFESSIONALS

OCCUPATIONS

2811-11 Art Director (Television, Film or Stage)

2811-13 Casting Director
Casting Officer (s)

2811-15 Director (Film or Stage)

2811-17 Director of Photography
Cinematographer (s)

2811-19 Film Editor

2811-21 Stage Manager
Floor Manager (Television) (s)

2811-23 Director (Radio or Television)

2811-25 Technical Producer
Technical Director (s)

2813 DANCERS AND CHOREOGRAPHERS

DANCERS AND CHOREOGRAPHERS create and perform dances and instruct dancers in the interpretation and performance of dances.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or a 2 year associate diploma.

TASKS include:

- studying musical score, story or theme and consulting with production staff to determine interpretation
- creating dances to harmonise with music and subject, illustrate story, interpret emotion or complement musical show
- instructing dancers in performance of movements of dance
- performing classical, modern or acrobatic dances for audience
- practising regular dance exercises to maintain required physical condition of body and limbs and control of movements
- rehearsing dances under direction and instruction or developing own interpretation

OCCUPATIONS

2813-11 Choreographer

2813-13 Dancer
Ballet Dancer (s)
Striptease Artist (s)
Tap Dancer (s)

RELATED OCCUPATIONS

2505-15 Dance Teacher (Private)

2815 MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS

MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS write, arrange, orchestrate, perform and conduct musical compositions.

PROFESSIONALS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma, 2-5 years previous experience in a related music field is also usual for Music Directors.

TASKS include:

- creating and writing musical compositions
- arranging musical compositions by selecting combinations of instruments and voices and by modifying harmonic structures, rhythms, tempos and music dynamics
- transcribing parts from musical score for each instrument or voice within a musical group or transposing music from one instrument or voice to another
- playing musical instruments in recital, as accompaniment, or as a member of an orchestra, band or other musical group
- singing classical, church or popular music as a soloist, or member of vocal ensemble, opera cast or musical group
- selecting music, assigning parts to individual musicians and singers, and directing musical performance

OCCUPATIONS

- 2815-11 Music Director**
Band Leader (s)
Choral Director (s)
Orchestra Conductor (s)
- 2815-13 Concert and Opera Singer**
- 2815-15 Popular Singer**
Vocalist (s)
- 2815-17 Instrumental Musician**
Instrumentalist (s)
Accompanist (s)
- 2815-19 Composer**
Songwriter (s)
- 2815-99 Musicians, Composers and Related Professionals nec**
Chorister (s)
Chorus Singer (s)
Music Arranger (s)
Music Copyist (s)
Orchestrator (s)

2817 ACTORS AND RELATED PROFESSIONALS

ACTORS AND RELATED PROFESSIONALS play roles in dramatic productions, and perform humorous routines and variety acts, on stage, film, radio, television or elsewhere to entertain audiences.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or diploma or, for Actors only, a 2 year associate diploma.

GROUP DEFINITIONS

TASKS include:

- studying play or production to gain understanding of part and characterisation
- learning lines and cues and rehearsing part
- acting part in medium of presentation, interpreting role by speech and gesture
- telling jokes or humorous stories, singing humorous songs, performing comedy dances and acts to amuse audience
- performing a variety of acts, dances, songs, impersonations, mimes, ventriloquism, acrobatics, juggling or magical tricks to entertain audiences
- compering performances for the purpose of entertainment

OCCUPATIONS

- 2817-11 Actor**
- 2817-13 Variety Artist**
Circus Artist (s)
Clown (s)
Comedian (s)
Acrobat (s)
Hypnotist (s)
Impersonator (s)
Juggler (s)
Magician (s)
Ventriloquist (s)
- 2817-99 Actors and Related Professionals nec**
Mime (s)
Puppeteer (s)
Stuntman/woman (s)

2819 ANNOUNCERS

ANNOUNCERS broadcast news, sports and other information on radio, television or public address systems, and introduce and host special events.

SKILL LEVEL

The entry requirement for this unit group is a basic vocational course.

TASKS include:

- announcing programmes and music
- introducing entertainment items, entertainers, speakers and celebrities
- reading prepared news bulletins and special announcements
- describing and commenting on sports, processions and other events
- presenting opinions on sports, politics, social or economic matters

OCCUPATIONS

- 2819-11 Announcer**
Commentator (s)
Comper (s)
Disc Jockey (s)

MINOR GROUP 29 MISCELLANEOUS PROFESSIONALS

This residual minor group covers all occupations in Major Group 2, Professionals, which are not included in Minor Groups 21-28 above.

Occupations in this minor group are classified into the following unit groups:

- 2901 ECONOMISTS
- 2903 PSYCHOLOGISTS
- 2905 EDUCATION RESEARCHERS AND RELATED PROFESSIONALS
- 2907 OTHER SOCIAL SCIENTISTS
- 2909 MATHEMATICIANS, STATISTICIANS AND ACTUARIES
- 2911 LIBRARIANS
- 2999 OTHER PROFESSIONALS

2901 ECONOMISTS

ECONOMISTS study and report on a wide range of theoretical or applied subjects relating to the economy at large or to particular industries.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree or higher degree.

TASKS include:

- analysing interrelationships between economic variables
- selecting established economic techniques or developing new ones for analysis
- preparing reports and studies
- identifying the need for policy responses

OCCUPATIONS

- 2901-11 Economist**
 Agricultural Economist (s)
 Econometrician (s)
 International Trade Economist (s)
 Labour Economist (s)
 Macro-economist (s)
 Transport Economist (s)

2903 PSYCHOLOGISTS

PSYCHOLOGISTS devise and use psychological principles and techniques to investigate and assess cognitive, behavioural or emotional disorders or difficulties and provide treatment or counselling to foster optimal personal, social, educational or occupational adjustment and development.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree or higher degree.

TASKS include:

- constructing achievement, diagnostic and predictive tests

- administering tests and assessing data to identify the source of problems and appropriate treatment
- conducting counselling or therapeutic interviews
- researching study motivation, teaching skills, occupational behaviour, working conditions and organisational structures
- providing follow-up services to groups and individuals for support and evaluation purposes
- evaluating the results of programmes on personal and organisational effectiveness with reference to statistical data

OCCUPATIONS

- 2903-11 Clinical Psychologist**
 Neuropsychologist (s)
- 2903-13 Educational Psychologist**
 Educational Guidance Officer (a)
 School Psychologist (s)
- 2903-15 Occupational Psychologist**
 Industrial Psychologist (a)
 Organisational Psychologist (a)
 Military Psychologist (s)
 Sports Psychologist (s)

2905 EDUCATION RESEARCHERS AND RELATED PROFESSIONALS

EDUCATION RESEARCHERS AND RELATED PROFESSIONALS conduct educational research and develop course curricula and associated materials for educational institutions or, in a consultant or specialist capacity, advise school teachers and administrative officials on a particular area of education.

SKILL LEVEL

The entry requirement for this unit group is a 3-5 year degree or diploma or a post-graduate diploma.

TASKS include:

- researching educational systems and evaluating new developments
- conferring with teachers and education officials to co-ordinate programmes

PROFESSIONALS

- identifying needs and planning, developing or modifying programmes within the education system
- developing operational or training programmes
- reviewing schools and assessing teachers
- assisting and advising teachers
- documenting subjects and courses developed
- preparing reports and information papers

OCCUPATIONS

2905-11 Curriculum Development Officer
Curriculum Advisory Teacher (s)

2905-13 Education Officer
Early Child Care Adviser (s)
Home-School Liaison Officer (s)
Pre-School Adviser (s)
School Inspector (s)
School Superintendent (s)

2907 OTHER SOCIAL SCIENTISTS

OTHER SOCIAL SCIENTISTS study human behaviour and institutions from current or historical perspectives with a view to understanding the development, structure, patterns and interrelationships within societies and/or preserving items of historical interest or advising on policy or planning matters in relation to particular social institutions or the physical environment.

SKILL LEVEL

The entry requirement for this unit group is a 4-6 year degree and/or higher degree.

TASKS Include:

- compiling and analysing data on economic, legal, political, cultural, demographic, physical and environmental factors affecting land use
- observing, collecting and measuring data related to area of geographical specialisation
- compiling historical data through research into primary and secondary sources, consultation and interview
- drafting and presenting graphic and narrative plans, programmes and designs affecting land use, public utilities, community facilities, housing and transportation
- advising governments and organisations on urban and regional planning and resource planning
- organising, authenticating, evaluating and interpreting historical, political, sociological, anthropological and linguistic data
- presenting findings in written form

OCCUPATIONS

2907-11 Urban and Regional Planner
Town Planner (s)
Traffic and Transport Planner (s)

2907-13 Geographer
Biogeographer (s)
Economic Geographer (s)
Physical Geographer (s)

2907-15 Historian
Economic Historian (s)

2907-99 Social Scientists nec
Anthropologist (s)

GROUP DEFINITIONS

Archaeologist (s)
Criminologist (s)
Linguist (s)
Market Research Analyst (s)
Political Scientist (s)
Prehistorian (s)
Sociologist (s)

2909 MATHEMATICIANS, STATISTICIANS AND ACTUARIES

MATHEMATICIANS, STATISTICIANS AND ACTUARIES apply mathematical and statistical principles and techniques to a range of tasks including designing statistical collections, studying financial policy and investment, conducting scientific research and solving engineering, management and other problems.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

TASKS Include:

- assessing risks and analysing investments in a variety of financial areas
- advising management on corporate investment policy
- selecting, designing or developing methods of obtaining statistical data
- planning and organising surveys and designing questionnaires
- advising on data collection and determining reliability of findings
- analysing and interpreting data
- developing mathematical theory and models to simulate processes in the physical, biological and social sciences or to solve management problems
- developing and performing computations and applying methods of numerical analysis

OCCUPATIONS

2909-11 Mathematician
Operations Research Analyst (s)

2909-13 Statistician
Biometrician (s)
Demographer (s)
Mathematical Statistician (s)

2909-15 Actuary

2911 LIBRARIANS

LIBRARIANS develop, organise and maintain a collection of written and recorded material and provide an information service for users based on the collection itself and on library and information networks.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree plus graduate diploma or equivalent.

TASKS Include:

- reviewing, evaluating and modifying services in response to community and user needs

GROUP DEFINITIONS

- selecting and recommending for acquisition, books, periodicals, audio-visual and other recorded material
- organising, classifying and cataloguing library material
- administering the inter-library loan systems and information networks

OCCUPATIONS

2911-11 Librarian
Bibliographer (s)
Cataloguer (s)

2999 OTHER PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 29, Miscellaneous Professionals.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year degree.

PROFESSIONALS

OCCUPATIONS

2999-11 Conservator

2999-13 Archivist

2999-15 Research Workers nec

2999-17 Recreation Officer
Recreation Adviser (s)
Activities Officer (s)

2999-19 Interpreter

2999-21 Translator

2999-23 Intelligence Officer

2999-99 Professionals nec
Clerk of High Court (s)
Court Registrar (s)
Ergonomist (s)
Executive Assistant (s)
Industrial Registrar (s)
Master of the Court (s)
Military Personnel Selection Assessor (s)
Occupational Hygienist (s)
Oenologist (s)
Patent Examiner (s)
Prothonotary (s)

MAJOR GROUP 3

PARA-PROFESSIONALS

PARA-PROFESSIONALS perform complex technical tasks requiring the understanding of a body of theoretical knowledge and significant practical skills.

Occupations in this major group have a level of skill commensurate with a 2-3 year para-professional certificate or associate diploma. Most Para-professionals receive some on-the-job training in addition to formal education.

Tasks performed by Para-professionals typically include conducting laboratory tests; operating and maintaining complex equipment; operating and supporting the operation of aircraft and ships; providing skilled nursing care; enforcing the law; and inspecting establishments and sites to ensure conformity to government and industry standards. These tasks are often performed in support of Professionals.

Occupations in this major group are classified into the following minor groups:

- 31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS**
- 32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS**
- 33 AIR AND SEA TRANSPORT TECHNICAL WORKERS**
- 34 REGISTERED NURSES**
- 35 POLICE**
- 39 MISCELLANEOUS PARA-PROFESSIONALS**

MINOR GROUP 31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS perform laboratory tests and other technical support functions to assist professionals engaged in the diagnosis and treatment of disease, and in research, design and production in all areas of the natural sciences.

Occupations in this minor group have a level of skill commensurate with a 2 year associate diploma. Most Medical and Science Technical Officers and Technicians receive on-the-job training in addition to their formal education.

Tasks performed by Medical and Science Technical Officers and Technicians typically include performing diagnostic and scientific tests, experiments and computations and collating and analysing the results; developing, operating and maintaining instruments and equipment used in clinical diagnosis and experimental research; collecting and testing samples of bodily fluids; and preparing, examining, identifying and classifying microscopic samples.

Occupations in this minor group are classified into the following unit groups:

3101 MEDICAL TECHNICAL OFFICERS AND TECHNICIANS 3103 SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

3101 MEDICAL TECHNICAL OFFICERS AND TECHNICIANS

MEDICAL TECHNICAL OFFICERS AND TECHNICIANS perform routine laboratory tests and procedures ranging in complexity, in support of medical professionals engaged in diagnosis and treatment of disease, and assist dentists in the examining and treating of teeth, mainly among pre-school and primary school children. Technical officers may supervise technicians and other laboratory workers.

SKILL LEVEL

The entry requirement for this unit group is a 2 year associate diploma. TAFE certificate or technician's certificate 1-2 years on-the-job training is usual.

TASKS include:

- collecting blood samples, making blood counts, testing to determine bleeding, coagulation time, blood types and characteristics
- preparing and staining slides for microscopic examination
- performing urine analyses and standard body fluid tests
- performing more complex blood, urine, electrocardiograph and basal metabolism tests
- performing oral examinations
- preparing cavities of teeth for restoration with amalgam cement or plastic materials, performing forceps extractions
- operating equipment used in diagnosing disorders of hearing, heart, kidneys, nervous system or in anaesthesia

OCCUPATIONS

3101-11 Medical Laboratory Technical Officer

3101-13 Medical Laboratory Technician
Clinical Biochemistry Technician (s)
Clinical Microbiology Technician (s)
Cytopathology Technician (s)

Haematology Technician (s)
Histopathology Technician (s)

3101-15 Dental Therapist
Oral Therapist (a)
Dental Hygienist (s)

3101-99 Medical Technical Officers and Technicians nec
Anaesthetic Technician (s)
Audiometrist (s)
Cardiac Technician (s)
Dialysis Technician (s)
Electrocardiographic Technician (s)
Electroencephalographic Technician (s)
Neurophysiological Technician (s)
Renal Technician (s)

RELATED OCCUPATIONS

2109-11 Medical Laboratory Scientist
2305-11 Dentist

3103 SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

SCIENCE TECHNICAL OFFICERS AND TECHNICIANS perform technical support functions ranging in complexity to assist with research, design, development, production, quality and process control in chemistry, earth sciences, physical sciences, textile production, life sciences and agriculture.

SKILL LEVEL

The entry requirement for this unit group is a technicians' certificate, 2 year associate diploma or TAFE certificate. 3 months on-the-job training is usual and 1-2 years as a technician or trainee prior to becoming an associate.

TASKS include:

- collating information from geological surveys, seismic surveys and meteorological observations

GROUP DEFINITIONS

- developing, maintaining and repairing instruments and equipment for use in experimental research
- isolating, identifying, collecting and classifying living organisms, studying their reaction to light, temperature, nutrition and chemical agents
- taking blood samples
- inoculating animals and plants
- cross-pollinating plants, analysing soils, surveying and measuring trees
- analysing fabrics, selecting and developing dyestuffs, preparing specifications and overseeing production in textile plants
- identifying pathogenic micro-organisms and insects, parasites, fungi and weeds deleterious to crops and livestock and devising methods of control
- inspecting livestock, analysing produce, and recommending means for improving quality
- administering medication to livestock and assisting with experimental feeding programmes
- studying chemical and physical problems and developing solutions, controlling experimental procedures, testing samples and monitoring usage for quality and quantity control of laboratory supplies
- performing tests, experiments and analyses, preparing, plotting and graphing data, performing routine mathematical calculations, and computations of measurements

OCCUPATIONS

- 3103-11 Chemistry Technical Officer**
Chemical Instrumentation Technical Officer (s)
Chemical Process Analyst (s)
Chemical Research Technical Officer (s)
- 3103-13 Chemistry Technician**
- 3103-15 Earth Science Technical Officer**
Geology Technical Officer (s)
Geophysical Technical Officer (s)
Meteorological Technical Officer (s)
Soils Science Technical Officer (s)
- 3103-17 Earth Science Technician**
Geochemical Technician (s)
Geology Technician (s)
Geophysics Technician (s)
Gravity Prospecting Observer (s)
Hydrographer (s)
Hydrological Technician (s)
Lapidary Technician (s)

PARA-PROFESSIONALS

- Meteorological Observer (s)
Mineral Separation Technician (s)
Paleontology Technician (s)
Seismic Prospecting Observer (s)
Soil Science Technician (s)
Well-Logging Technician (s)
- 3103-19 Physics Technical Officer**
Optics Technical Officer (s)
Spectroscopic Technical Officer (s)
- 3103-21 Physics Technician**
Vacuum Technician (s)
- 3103-23 Textiles Technical Officer**
Dyeing and Finishing Technical Officer (s)
Fabric Design Technical Officer (s)
- 3103-25 Life Science Technical Officer**
Biology Technical Officer (s)
Botany Technical Officer (s)
Ecological Technical Officer (s)
Fisheries Technical Officer (s)
Forestry Technical Officer (s)
Microbiology Technical Officer (s)
Zoology Technical Officer (s)
- 3103-27 Life Science Technician**
Animal Technician (s)
Botanical Technical Assistant (s)
Botanical Technician (s)
Forest Assessor (s)
Forestry Technician (s)
Horticultural Technician (s)
Hydroponics Technician (s)
Mycological Technician (s)
Plant Pathology Technician (s)
Tree Marker (s)
- 3103-29 Agricultural Technical Officer**
Cereals Technical Officer (s)
Horticultural Technical Officer (s)
- 3103-31 Agricultural Technician**
Artificial Insemination Technician (s)
Dairy Technician (s)
Field Crop Technician (s)
Poultry Technician (s)

RELATED OCCUPATIONS

- 2101-11 Chemist
2103-11 Geologist
2107-27 Agricultural Extension Officer
2199-15 Meteorologist
2207-11 Chemical Engineer

MINOR GROUP 32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS perform technical support functions to assist engineers and building professionals in research, design, construction operations, maintenance of equipment and installations, resource estimation and site inspection.

Occupations in this minor group have a level of skill commensurate with a 2 year associate diploma and 2 months on-the-job training.

Tasks performed by Engineering and Building Associates and Technicians typically include preparing, interpreting, inspecting and revising drawings, plans, diagrams, designs, maps and charts; performing complex computations and field and laboratory tests, and recording the results; installing, testing, repairing and modifying electrical and mechanical equipment; and estimating materials costs and quantities.

This minor group includes Tool Designers because they are primarily involved in the design rather than fabrication of tools.

Occupations in this minor group are classified into the following unit groups:

- 3201 ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS**
- 3203 CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS**
- 3205 MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS**
- 3207 BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS**
- 3299 OTHER ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS**

3201 ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS

ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist engineers in research, design, manufacture, assembly, construction, operation and maintenance of electrical and electronic equipment, facilities and distribution systems. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate, 2 months on-the-job training is usual.

TASKS include:

- preparing drawings, plans and diagrams
- developing, constructing and testing prototype electronic devices
- assisting in design and layout of electrical installations and circuitry
- performing tests, graphing results, preparing charts and tabulations
- estimating materials costs and quantities
- evaluating performance of equipment, assisting engineers in commissioning non-standard equipment
- inspecting designs and finished products for compliance with specifications and regulations

- installing, testing and repairing equipment

OCCUPATIONS

- 3201-11 Electrical Engineering Associate**
Electrical Engineering Design Draftsperson (s)
Electrical Engineering Drafting Officer (s)
Electrical Engineering Technical Officer (s)
Relays Drafting Officer (s)
Substation Design Draftsperson (s)
- 3201-13 Electrical Engineering Technician**
Electrical Engineering Detail Draftsperson (s)
Electrical Engineering Drafting Assistant (s)
Electrical Instrument Technician (s)
- 3201-15 Electronics Engineering Associate**
Aircraft Electronics Technical Officer (s)
Communications and Data Systems Drafting Officer (s)
Communications Engineering Technical Officer (s)
Control Systems Drafting Officer (s)
Digital Controls Technical Officer (s)
Electronics Engineering Design Draftsperson (s)
Electronics Engineering Drafting Officer (s)
Electronics Engineering Technical Officer (s)
Flight Surveyor (s)
Process Control Technical Officer (s)
Radio Maintenance Officer (s)
Telecommunications Technical Officer (s)
- 3201-17 Electronics Engineering Technician**
Aerial Survey Technician (s)

GROUP DEFINITIONS

Communications Electronic Systems Technician (Air Force) (s)
Communications Engineering Technician (s)
Electronics Detail Drafting Assistant (s)
Electronics Detail Draftsperson (s)
Printed Circuit Board Designer (s)
Process Control Technician (s)
Telemetry Technician (s)

RELATED OCCUPATIONS

2211 Electrical and Electronics Engineers

3203 CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS

CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist Civil Engineers in research, design, construction, operations and maintenance. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate. 2 months on-the-job training is usual.

TASKS include:

- performing and/or directing field and laboratory tests of soils and construction materials
- collecting and analysing data, performing complex computations
- preparing sketches, charts, tabulations, plans and designs for drainage, water supply, sewage reticulation systems, roads, airports, dams and bridges
- estimating materials costs, organising maintenance and repairs
- inspecting civil engineering works

OCCUPATIONS

3203-11 Civil Engineering Associate
Civil Engineering Design Draftsperson (s)
Civil Engineering Drafting Officer (s)
Civil Engineering Technical Officer (s)
Road Design Draftsperson (s)
Sewage Reticulation Drafting Officer (s)
Structural Design Draftsperson (s)
Structural Engineering Drafting Officer (s)

3203-13 Civil Engineering Technician
Civil Engineering Detail Draftsperson (s)
Civil Engineering Drafting Assistant (s)

RELATED OCCUPATIONS

2209-11 Civil Engineer

3205 MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS

MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS perform technical support functions ranging in complexity to assist in mechanical engineering research and in the design, manufacture, construction, operation and maintenance of machines, manufacturing equipment, mechanical installations

PARA-PROFESSIONALS

and facilities. Associates may supervise technicians in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a technician's or post-trade certificate, 2 year associate diploma or TAFE certificate. 2 months on-the-job training is usual.

TASKS include:

- installing new or modified mechanical assemblies, components, hydraulic power systems, machine tools and controls
- studying materials handling methods and recommending changes for cost reduction
- estimating materials costs, quantities and machinery requirements
- assisting mechanical engineers in mechanical equipment, tool and plant design
- performing and/or directing field or laboratory tests
- collecting and analysing data, performing complex computations
- inspecting and maintaining machinery and plant

OCCUPATIONS

3205-11 Mechanical Engineering Associate
Air-Conditioning Drafting Officer (s)
Heating and Ventilating Technical Officer (s)
Mechanical Engineering Design Draftsperson (s)
Mechanical Engineering Drafting Officer (s)
Mechanical Engineering Technical Officer (s)
Tool Design Draftsperson (s)
Tool Designer (s)

3205-13 Mechanical Engineering Technician
Boiler Testing Technician (s)
Hydraulic Controls Technician (s)
Mechanical Detail Draftsperson (s)
Mechanical Engineering Drafting Assistant (s)
Pipe Testing Technician (s)
Tool Design Detail Draftsperson (s)

RELATED OCCUPATIONS

2213-11 Mechanical Engineer

3207 BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS

BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS perform technical support functions to assist builders, architects and surveyors in time, cost and resource estimation, data evaluation, design, mapping construction, site supervision and inspection.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year associate diploma or TAFE certificate. State governments may require Building Technicians to be licensed.

TASKS include:

- interpreting building plans, regulations and codes of practice

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- calculating costs and estimating time scales
- preparing tenders, support contract bids and variations
- co-ordinating works programme for various trades
- inspecting work and materials for compliance with specifications, regulations and standards
- analysing architect's design, preparing preliminary sketches and working drawings, showing plans, elevations, sections, materials, plumbing, drainage carparking and landscaping layout
- collecting data using surveying instruments and photogrammetric equipment
- performing routine computations and plotting preliminary data
- preparing, editing and revising plans, maps, charts and drawings

OCCUPATIONS

- 3207-11 Building Technician**
Building Construction Supervisor (s)
Building Estimator (s)
Building Foreman/woman (s)
Clerk of Works (s)
- 3207-13 Architectural Associate**
Architectural Drafting Officer (s)
Architectural Technical Officer (s)
- 3207-15 Surveying Associate**
Cartographic Associate (s)
Engineering Survey Drafting Officer (s)
Photogrammetrist (s)
Photographic Interpreter (Air Force) (s)
Topographic Drafting Officer (s)

RELATED OCCUPATIONS

- 1601-13 Professional Builder
2201-11 Architect
2205 Cartographers and Surveyors

GROUP DEFINITIONS

3299 OTHER ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

This unit group covers occupations not elsewhere classified in Minor Group 32, Engineering and Building Associates and Technicians.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year associate diploma, TAFE certificate or technician's certificate.

OCCUPATIONS

- 3299-11 Metallurgical Technician**
Dye Penetrant Testing Technician (s)
Eddy Current Testing Technician (s)
Heat Metal Technician (s)
Magnetic Testing Technician (s)
Non-Destructive Testing Technician (s)
Pressure Testing Technician (s)
Ultrasonic Technician (s)
- 3299-99 Engineering and Building Associates and Technicians nec**
Aeronautical Engineering Technical Officer (s)
Aircraft Detail Draftsperson (s)
Aircraft Systems Technician (Air Force) (s)
Airframe Technical Officer (s)
Architectural Tracer (s)
Avionics Systems Technician (Air Force) (s)
Engineering Tracer (s)
Lighting Design Drafting Officer (s)
Mine Deputy (s)
Mine Undermanager (s)
Mine Ventilation Officer (s)
Mining Detail Draftsperson (s)
Mining Technician (s)
Production Planning Officer (Engineering) (s)
Shipbuilding Design Drafting Officer (s)
Surveying Tracer (s)
Welding Technical Officer (s)
Welding Technician (s)

MINOR GROUP 33

AIR AND SEA TRANSPORT TECHNICAL WORKERS

AIR AND SEA TRANSPORT TECHNICAL WORKERS command and navigate aircraft and ships and perform technical functions to ensure their safe and efficient movement and operation.

Occupations in this minor group have a level of skill commensurate with a 2-4 year certificate or diploma and 3-12 months on-the-job training.

Tasks performed by Air and Sea Transport Technical Workers typically include controlling the movement of ships at sea and in ports and of aircraft in the air and on the ground, from on board or from a control tower; supervising and inspecting crew; inspecting machinery, equipment, aircraft and ships to ensure they are correctly loaded and mechanically sound; preparing for operation, and monitoring the performance of, ship and aircraft engines, and initiating action for their maintenance; and recording details of flight, voyage or maintenance operations.

Marine Engine and Boiler Operators are excluded from this minor group because their tasks are confined to operating and lubricating marine engines and performing simple repairs without applying a broad body of technical knowledge. They are located in Unit Group 7303, Engine and Boiler Operators (except Power Generation).

Occupations in this minor group are classified into the following unit groups:

- 3301 AIRCRAFT PILOTS**
- 3303 AIR TRANSPORT OPERATING SUPPORT WORKERS**
- 3305 SHIP'S PILOTS AND DECK OFFICERS**
- 3307 MARINE ENGINEERS AND SURVEYORS**

3301 AIRCRAFT PILOTS

AIRCRAFT PILOTS fly aircraft to transport passengers, mail and freight or for other purposes.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year certificate, 6 months on-the-job training is usual. Government departments issue licences for the occupations in this unit group.

TASKS include:

- preparing and submitting flight plan or examining standard flight plan
- ensuring that aircraft is properly loaded, mechanically sound and provided with adequate fuel
- checking flight controls, instruments, navigation equipment and radios before, during and after flight
- flying aircraft in accordance with established Air Traffic Control and aircraft operating procedures
- controlling aircraft on the ground and during take-off and landing
- monitoring information from instruments and other sources to maintain course and flight

OCCUPATIONS

- 3301-11 Aircraft Pilot**
 Agricultural Pilot (s)
 Aircraft Captain (s)
 Commercial Pilot (s)
 Helicopter Pilot (s)

RELATED OCCUPATIONS

- 3303 Air Transport Operating Support Workers**

3303 AIR TRANSPORT OPERATING SUPPORT WORKERS

AIR TRANSPORT OPERATING SUPPORT WORKERS perform a variety of functions to enable the safe movement and operation of aircraft in flight and on the ground. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-4 year certificate. Previous experience of 5-15 years may also be required for some occupations in this unit group. 3-12 months on-the-job training is usual. Government departments issue licences for the occupations in this unit group except Air Traffic Controllers.

TASKS include:

- monitoring the performance of aircraft engines, mechanical and fuel systems
- plotting and directing aircraft position in flight, using electronic navigational equipment
- directing aircraft movements in airspace and on the ground using radar, radio and lighting systems
- recording details of flight and operations
- informing flight crews and operations staff about weather conditions, operational facilities, flight plans and air traffic
- initiating and organising emergency, search and rescue services and procedures
- inspecting aircraft, flight crews, airways facilities

PARA-PROFESSIONALS

and navigational aids to ensure compliance with standard specifications and procedures

- issuing certificates of airworthiness for aircraft, licensing aircraft maintenance organisations and personnel
- determining engineering action required to bring equipment to standard, approving design modifications and repairs to aircraft
- developing and reviewing standards for aircraft operations and maintenance

OCCUPATIONS

- 3303-11 Air Traffic Controller
- 3303-13 Flight Service Officer
- 3303-15 Flight Engineer
- 3303-17 Airways Surveyor
- 3303-19 Airworthiness Surveyor
Airworthiness Surveyor (Airframes) (s)
Airworthiness Surveyor (Electrical and Instruments) (s)
Airworthiness Surveyor (Engines) (s)
Airworthiness Surveyor (Radio) (s)
- 3303-21 Examiner of Flightcrew
Flight Engineer Inspector (s)
- 3303-23 Aircraft Navigator
Observer (Navy) (s)
- 3303-25 Aircraft Crewman/woman (Military and Rescue)
Air Observer (Rescue) (s)
Helicopter Observer (Rescue) (s)
- 3303-27 Loadmaster
- 3303-91 Trainee Air Traffic Controller
- 3303-93 Trainee Flight Service Officer
- 3303-99 Air Transport Operating Support Workers nec
Air Defence Officer (s)
Airborne Electronics Analyst (s)

RELATED OCCUPATIONS

- 3301 Aircraft Pilots
- 4211 Aircraft Maintenance Engineers

3305 SHIP'S PILOTS AND DECK OFFICERS

SHIP'S PILOTS AND DECK OFFICERS control and navigate, or provide specialised service to, vessels used in water transport, and command crew. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-4 year certificate or diploma. Previous experience of 5 years may be required. 6-12 months on-the-job training is usual. Government departments issue certificates for the occupations in this unit group.

TASKS include:

- directing and supervising ship's officers and/or deck crew in the performance of their duties
- directing the movement of vessel and the stowage and discharge of cargoes
- determining vessel's position, using electronic and

GROUP DEFINITIONS

non electronic navigational aids

- communicating with ship and shore stations and encoding and decoding data for radio transmissions
- keeping watch for specified periods at sea and in port
- recording vessel's progress, crew's activities, weather and sea state
- directing fishing operations, maintaining catch records and arranging marketing and sales

OCCUPATIONS

- 3305-11 Ship's Captain
Ship's Master (a)
Dredge Master (s)
Ferry Master (s)
Fishing Vessel Master (s)
Hovercraft Operator (s)
Hydrofoil Operator (s)
Marine Pilot (s)
Merchant Ship's Captain (s)
Pearling Skipper (s)
Ship's Pilot (s)
Trawler Master (s)
Tug Master (s)
- 3305-13 Ship's Officer
Seaman Officer (Navy) (s)
Ship's Mate (s)
Ship's Navigating Officer (s)
- 3305-15 Master Fisherman/woman
- 3305-91 Cadet Deck Officer

3307 MARINE ENGINEERS AND SURVEYORS

MARINE ENGINEERS AND SURVEYORS operate and maintain ship machinery and inspect vessels, machinery and hulls to establish and implement safety standards and procedures. They may receive training in occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year certificate or diploma. Previous experience of 7-8 years as a Marine Engineer is required for Marine Engineer Surveyors. Marine Surveyors require 8-11 years experience as a Marine Engineer Surveyor.

TASKS include:

- operating, testing and repairing main propulsion engine, auxiliary machines and domestic systems
- standing engine room watches at sea and in port
- approving design plans of ship hulls and equipment and specifying standards of construction
- inspecting ship hulls, machinery and equipment during construction and throughout ship's life to ensure that standards are met and maintained
- measuring vessels for the calculation of tonnage, registration and the issue of safety certificates
- establishing, and monitoring the implementation of standards for the safe handling, stowage and carriage of bulk cargoes
- investigating the causes of marine casualties, accidents, machine and equipment failures

OCCUPATIONS

- 3307-11 Marine Engineer
Ship's Engineer Officer (a)

GROUP DEFINITIONS

PARA-PROFESSIONALS

Motor Vessel Engineer Officer (s)

3307-13 Marine Engineer Surveyor

3307-15 Marine Surveyor

3307-91 Trainee Marine Engineer
Cadet Marine Engineer (s)

RELATED OCCUPATIONS

7303-13 Marine Engine and Boiler Operator

MINOR GROUP 34 REGISTERED NURSES

REGISTERED NURSES treat and provide specialised care for the physically or mentally ill or disabled, the elderly and mothers and their new-born babies. They provide health counselling for individuals and families.

Occupations in this minor group have a level of skill commensurate with a 3-4 year hospital-based certificate or 3 year diploma.

Tasks performed by Registered Nurses typically include assisting in the examination of patients; administering prescribed treatment; monitoring patients' progress; discussing cases with Medical Practitioners and Social Professionals; and maintaining records of their activities.

Enrolled and Mothercraft Nurses are excluded because their tasks do not involve the application of an extensive body of knowledge. They are located in Unit Group 6603, Enrolled Nurses. Directors of Nursing are excluded because their tasks are primarily managerial in directing the function of nursing in a hospital or nursing home. They are located in Minor Group 13, Specialist Managers.

Occupations in this minor group are classified into the following unit group:

3401 REGISTERED NURSES

3401 REGISTERED NURSES

REGISTERED NURSES treat and care for the physically and mentally ill or disabled, the elderly and mothers and their new-born babies in hospitals, nursing homes, medical centres and the community. They advise individuals and families on health matters. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year hospital-based certificate or 3 year diploma. Specialist nurses require additional training courses. Certificates of registration are also required.

TASKS include:

- assisting medical practitioners to examine patients, administer treatment and deliver babies
- administering prescribed treatment in the form of medication and therapy to patients suffering from physical or mental disorders
- monitoring patient's condition, reactions to medication and other treatment, and progress of childbirth
- conferring with psychiatrists, psychologists, social workers, occupational therapists and other workers to evaluate the condition of psychiatric patients and intellectually handicapped persons and to plan therapy and rehabilitation programmes
- instructing and advising on nutrition, child care, family planning, disease prevention and other health matters

- maintaining records of patients' progress and treatment administered

OCCUPATIONS

3401-01 Nursing Supervisor
Charge Nurse (a)
Charge Sister (a)
Ward Supervisor (s)

3401-11 Registered General Nurse

3401-13 Registered Community Health Nurse
Domiciliary Nurse (s)
Infant Welfare Nurse (s)
Maternal and Child Health Nurse (s)
Occupational Health Nurse (s)

3401-15 Registered Midwife

3401-17 Registered Mental Retardation Nurse

3401-19 Registered Psychiatric Nurse

3401-91 Student Registered Nurse
Student Registered Psychiatric Nurse (s)

3401-99 Registered Nurses nec
Coronary Care Nurse (s)
Geriatric Care Nurse (s)
Intensive Care Nurse (s)
Neurosurgical Nurse (s)
Oncological Nurse (s)
Operating Theatre Nurse (s)
Paediatric Nurse (s)
Spinal Injuries Nurse (s)

**MINOR GROUP 35
POLICE**

POLICE enforce the law and maintain public order by discouraging offences and dealing with offenders.

Occupations in this minor group have a level of skill commensurate with a 2 year para-professional certificate.

Tasks performed by Police typically include patrolling public areas; investigating complaints and offences; observing, pursuing, arresting and interviewing suspects; and maintaining records and preparing reports.

Police Commissioners and Commissioned Police Officers are excluded from this minor group because their tasks are primarily managerial. They are located in Unit Groups 1201, General Managers, and 1319, Commissioned Officers (Management) respectively. Police Divers are excluded because their tasks are similar to those of other divers. They are located in Unit Group 4999, Other Tradespersons.

Occupations in this minor group are classified into the following unit group:

3501 POLICE**3501 POLICE**

POLICE investigate crimes, arrest offenders, patrol public areas, attend at the scene of accidents and perform other duties of law enforcement and maintenance of public order. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 15 week to 2 year cadetship/in-service training.

TASKS Include:

- patrolling an assigned area on foot or in a radio controlled vehicle to check security
- investigating crimes, minor offences and citizens' complaints
- pursuing, arresting and interviewing persons suspected of crime
- observing traffic and issuing traffic infringement notices
- examining scene of crime and searching other property or premises for evidence
- searching suspects for weapons, stolen or illegal goods

- checking licensed premises to ensure that licensing laws are obeyed
- preparing briefs or reports for police files or for use in court
- testifying or presenting prosecution case in court
- taking statements and collecting evidence at scenes of traffic accidents

COMMENTS

Under any of these occupation titles, police officers may be designated according to rank and/or branch of police work.

OCCUPATIONS

- 3501-01** Police Supervisor
Police Station Sergeant (a)
- 3501-11** Policeman/woman
- 3501-13** Detective
Plain Clothes Police Officer (a)

RELATED OCCUPATIONS

- 3501-11 Police Commissioner
- 3501-11 Commissioned Police Officer

MINOR GROUP 39 **MISCELLANEOUS PARA-PROFESSIONALS**

This residual minor group covers all occupations in Major Group 3, Para-Professionals, which are not included in Minor Groups 31-38 above.

Occupations in this minor group are classified into the following unit groups:

- 3901 WELFARE PARA-PROFESSIONALS**
- 3903 PERFORMING ARTS SUPPORT WORKERS**
- 3905 INSPECTORS AND REGULATORY OFFICERS**
- 3907 CHILD CARE CO-ORDINATORS**
- 3909 AMBULANCE OFFICERS**
- 3911 PRISON OFFICERS**
- 3913 PROCUREMENT OFFICERS**
- 3915 SPORTSPERSONS AND RELATED WORKERS**
- 3999 OTHER PARA-PROFESSIONALS**

3901 WELFARE PARA-PROFESSIONALS

WELFARE PARA-PROFESSIONALS provide support, information and advice to individuals or groups on emotional, financial, recreational, health, housing and other social matters and evaluate and co-ordinate the services of welfare and community service agencies.

SKILL LEVEL

The entry requirement for this unit group is a 2 year associate diploma or certificate.

TASKS include:

- assessing community need and resources for health, welfare, housing, employment, training and other facilities and services
- monitoring and reporting on the progress of parolees
- advising on available community services to aid rehabilitation
- interviewing disadvantaged individuals and groups
- assessing nature and extent of difficulties
- writing reports and submitting recommendations
- referring clients to appropriate agencies
- designing recreational activities for young people

OCCUPATIONS

- 3901-11 Community Worker**
Community Development Officer (s)
Neighbourhood Centre Coordinator (s)
- 3901-13 Parole Officer**
Probation Officer (s)
- 3901-15 Welfare Officer**
Social Worker Associate (a)
Residential Care Worker (s)
- 3901-17 Youth Worker**
Youth Leader (a)
Youth Officer (a)

RELATED OCCUPATIONS

- 2601-13 Community Social Worker
- 2601-15 Social Case Worker
- 2999-17 Recreation Officer

3903 PERFORMING ARTS SUPPORT WORKERS

PERFORMING ARTS SUPPORT WORKERS provide technical and other assistance for the production, recording and/or broadcasting of artistic performances. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 months basic vocational certificate, except for make-up artists and special effects persons who require a 1 year basic vocational certificate. 1-3 years on-the-job training is usual.

TASKS include:

- operating motion picture or television cameras to record events or scenes on film or video tape or for direct telecast
- positioning microphones, recording sounds or operating equipment to mix and regulate the quality and volume of sound from several sources
- operating console to monitor and control radio and television broadcasts
- applying make-up to performers taking part in stage, television or motion picture productions
- selecting, positioning and operating lighting equipment to illuminate set or studio during stage performance, television broadcast or motion picture scenes
- designing, fabricating and using various devices to create special sounds and visual effects for broadcasting, motion picture and stage productions

GROUP DEFINITIONS

OCCUPATIONS

- 3903-01 Supervisor, Performing Arts Support Workers**
Supervising Technician, Radio Operations (s)
Supervising Technician, TV Production Operations (s)
Supervisor, Sound Recording and Reproduction Equipment Operators (s)
Lighting Supervisor (s)
- 3903-11 Sound Technician**
Audio Operator (s)
Audio Technician (s)
Dubbing Machine Operator (s)
Dubbing Projectionist (Sound Mixing) (s)
Re-recording Mixer (s)
Sound Editor (s)
Sound Mixer (s)
Sound Recordist (s)
Video and Sound Recorder (s)
- 3903-13 Motion Picture Camera Operator**
- 3903-15 Television Equipment Operator**
Telecine Operator (s)
Television Camera Operator (s)
Vision Mixer (s)
- 3903-17 Broadcast Transmitter Operator**
- 3903-19 Light Technician**
- 3903-99 Performing Arts Support Workers nec**
Continuity Person (s)
Make-up Artist (s)
Microphone Boom Operator (s)
Sound Effects Person (s)
Special Effects Person (s)

3905 INSPECTORS AND REGULATORY OFFICERS

INSPECTORS AND REGULATORY OFFICERS conduct inspections to enforce government standards and regulations, industrial awards, or industry standards, to maintain and improve quality of services, or in relation to insurance. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 2 year basic vocational certificate, a 2-4 year degree or diploma or a 4 year trade certificate, and, in some cases, 2-4 years previous experience. Some occupations require education to years 10-12. Safety Officers require a Certificate of Competency. 1-3 years on-the-job training is usual.

TASKS Include:

- inspecting animal, fish or plant products and processing establishments to ensure conformity with government standards and health regulations
- inspecting factories and other work sites, machinery and equipment, working conditions, railway freight cars, public places and waste disposal sites to ensure conformity with government standards and regulations or industrial awards
- regulating irrigation, alteration of water courses, drilling or artesian and sub-artesian bores and construction of stock water facilities
- examining cargo and mail for export or import, passengers, luggage, crew, aircraft and ships departing for and arriving from overseas, and associated documents concerned with customs and

PARA-PROFESSIONALS

related legislation

- inspecting insured buildings, vehicles and commercial and industrial establishments to evaluate conditions and practices affecting insurance risk and to develop safety programmes
- analysing accidents to determine causes

OCCUPATIONS

- 3905-01 Supervisor, Inspectors and Regulatory Officers**
- 3905-11 Building Inspector**
Electrical Installation Inspector (s)
Plumbing and Drainage Inspector (s)
- 3905-13 Safety Inspector**
Boilers and Pressure Vessels Inspector (s)
Gas Examiner (s)
Lifts and Cranes Inspector (s)
Mines Inspector (s)
- 3905-15 Primary Products Inspector**
Dairy Produce Inspector (s)
Fish Exports Inspector (s)
Horticultural Inspector (s)
Meat Inspector (s)
Quarantine Inspector (s)
Sugar Cane Inspector (s)
- 3905-17 Train Examiner**
Locomotive Inspector (s)
- 3905-19 Customs Investigator**
Customs Examining Officer (s)
- 3905-21 Health Inspector**
Health Surveyor (s)
Industrial Hygiene Inspector (s)
Water Quality Inspector (s)
- 3905-23 Arbitration Inspector**
Industrial Inspector (s)
- 3905-25 Water Usage Inspector**
Boring Inspector (s)
Stream Control Officer (s)
- 3905-27 Corporate Safety Officer**
- 3905-29 Insurance Assessor (except Health)**
Claims Assessor (except Health) (s)
Loss Adjuster (s)
- 3905-31 Traffic Inspector**
Bus Inspector (s)
Tram Inspector (s)
- 3905-99 Inspectors and Regulatory Officers nec**
Fisheries and Wildlife Officer (s)
Liquor Licensing Inspector (s)
Patrolman/woman (Utilities) (s)
Pest Control Inspector (s)
Pipeline Inspector (s)
Postal Services Field Manager (s)
Travel Accommodation Inspector (s)
Utility Man/Woman (s)
Vermin and Noxious Weeds Inspector (s)
Weights and Measures Inspector (s)

3907 CHILD CARE CO-ORDINATORS

CHILD CARE CO-ORDINATORS direct the activities of a Child Care or Family Day Care Centre and supervise teachers, child care workers, assistants and aides caring for children.

PARA-PROFESSIONALS

SKILL LEVEL

The entry requirement for this unit group is a 3-4 year diploma in a relevant area i.e. teaching, nursing or child care.

TASKS include:

- implementing programmes to enhance the physical, social, emotional and intellectual development of young children
- providing care for primary school children in centres catering for before-school and after-school care
- maintaining records and accounts for the centre

OCCUPATIONS

3907-11 Child Care Co-ordinator
Child Care Centre Director (a)

RELATED OCCUPATIONS

2401 Pre-Primary School Teachers
6601 Child Care, Refuge and Related Workers

3909 AMBULANCE OFFICERS

AMBULANCE OFFICERS transport sick and injured persons and provide emergency health care.

SKILL LEVEL

The entry requirement for this unit group is a 2-3 year para-professional certificate. Driving Licence, Class 4 is also required.

TASKS include:

- transporting ill or injured persons to places of medical treatment
- transporting ill or disabled persons to and from centres of specialised treatment
- administering first aid
- instructing community groups and essential service workers in first aid
- attending public gatherings where accidents or other health emergencies may occur

OCCUPATIONS

3909-11 Ambulance Officer
Ambulance Paramedic (s)

3911 PRISON OFFICERS

PRISON OFFICERS guard and control inmates in penal institutions. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual.

TASKS include:

- locking prisoners in cells and guarding prisoners during work assignments, sport and recreation periods, meals and in transit
- searching prisoners and cells for weapons, valuables, drugs or contraband articles

GROUP DEFINITIONS

- inspecting locks, window bars, grills, doors and gates and patrolling assigned areas to prevent escapes and disturbances
- investigating disturbances or unusual occurrences
- providing meals to prisoners confined in cells, administering first aid and requisitioning items needed by prisoners

OCCUPATIONS

3911-01 Chief Prison Officer

3911-11 Prison Officer

3913 PROCUREMENT OFFICERS

PROCUREMENT OFFICERS prepare purchase orders for industrial, commercial, government or other establishments, and act as agents to purchase and sell farm produce.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year para-professional certificate. 1 year of previous experience and 3 months on-the-job training are usual.

TASKS include:

- preparing and despatching purchase orders for goods and materials
- verifying specifications of purchase requests
- searching inventory records or warehouse to find out whether material is on hand in sufficient quantity
- consulting catalogues to obtain prices and specifications
- recording items purchased or transferred between departments, prices, deliveries and inventories
- conferring with suppliers to determine reasons for late deliveries
- assessing type and quality of produce such as wool, hide and skin or grain
- purchasing produce at auction or direct from farmer or grower

OCCUPATIONS

3913-11 Purchasing Officer
Supply Officer (s)

3913-13 Commodities Buyer
Grain Buyer (s)
Hide and Skin Buyer (s)
Livestock Buyer (s)
Wool Buyer (s)

3913-15 Retail Buyer

3915 SPORTSPERSONS AND RELATED WORKERS

SPORTSPERSONS AND RELATED WORKERS compete in sporting activities for monetary gain, train sporting competitors and officiate at sporting events. They may receive training in occupations in this unit group.

GROUP DEFINITIONS

SKILL LEVEL

There is no entry requirement for the occupations in this unit group. 4-5 years previous experience in the sport is usual for coaches, 3-5 years previous experience in racing administration is usual for race stewards and 3-5 years on-the-job training is usual for referees.

TASKS Include:

- coaching teams and training sportspersons in the performance of their sport by demonstrating techniques, prescribing exercises and supervising practice
- planning and directing game strategy and evaluating performance after game
- competing in, and training for, sporting events
- regulating activities of sportspersons during sporting events according to established rules
- determining violations of rules, and assessing and imposing penalties for infractions of rules
- co-ordinating and directing horse or dog racing activities

OCCUPATIONS

- 3915-11 Coach (Sport)
Sports Trainer (s)
- 3915-13 Jockey
- 3915-15 Other Sportspersons
- 3915-17 Racecourse Official
Handicapper (Racing) (s)
Horse Racing Judge (s)
Race Steward (s)
- 3915-19 Referee
Umpire (s)
Linesman/woman (Sport) (s)
- 3915-91 Apprentice Jockey

3999 OTHER PARA-PROFESSIONALS

This unit group covers occupations not elsewhere classified in Minor Group 39, Miscellaneous Para-Professionals.

SKILL LEVEL

The entry requirement for this unit group is a 2 year para-professional certificate.

PARA-PROFESSIONALS

OCCUPATIONS

- 3999-01 Supervisor, Other Para-Professionals
- 3999-11 Radio Telegraphist
Radio Operator (s)
- 3999-13 Museum and Art Gallery Technician
Taxidermist (s)
- 3999-15 Library Technician
- 3999-17 Layout Artist
Finish Artist (s)
Paste-up Artist (s)
Showcard Ticket Writer (s)
- 3999-19 Window Dresser
- 3999-21 Interior Decorator
Fine Furnisher (s)
- 3999-23 Photographic Studio Assistant
Photographic Studio Technician (s)
- 3999-25 Photograph Retoucher
Colourist (s)
- 3999-27 Forms Analyst and Designer
Forms Analyst (s)
Forms Designer (s)
- 3999-29 Credit and Loans Analyst
- 3999-31 Park Ranger
Park Warden (s)
Park Superintendent (s)
- 3999-33 Military Disciplinary Supervisor
Company Sergeant Major (s)
Disciplinary Warrant Officer (s)
Regimental Sergeant Major (s)
Warrant Officer Coxswain (s)
- 3999-35 Wool Classifier
- 3999-37 Hide and Skin Classifier
Fur Grader (s)
Leather Grader (s)
- 3999-99 Para-Professionals nec
Agricultural Secretary (s)
Forest Ranger (s)
Inquiry Agent (s)
Private Detective (s)
Radio Operator (s)
Ship's Purser (s)
Signaller (Defence Forces) (s)
Soner Operator (s)

MAJOR GROUP 4

TRADESPERSONS

Tradespersons perform a variety of complex physical tasks, applying a body of trade-specific technical knowledge. These tasks require initiative and a high degree of manual dexterity and other practical skills.

Occupations in this major group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Tradespersons typically include constructing buildings and other large structures; fabricating individual (i.e. not mass-produced) metal, wood, glass, and textile products; repairing and maintaining these individual products, motor vehicles and other machinery, electrical and electronic equipment; applying protective and decorative finishes to surfaces; printing and binding documents; preparing and cooking food; and propagating and cultivating plants.

Tradespersons operate a wide variety of complex precision machinery to complete several stages in the fabrication and maintenance of products. Occupations concerned with the operation of a single non-precision or partly automated machine during one phase of the manufacturing process are located in Minor Group 74, Machine Operators.

Occupations in this major group are classified into the following minor groups:

- 41 METAL FITTING AND MACHINING TRADESPERSONS**
- 42 OTHER METAL TRADESPERSONS**
- 43 ELECTRICAL AND ELECTRONICS TRADESPERSONS**
- 44 BUILDING TRADESPERSONS**
- 45 PRINTING TRADESPERSONS**
- 46 VEHICLE TRADESPERSONS**
- 47 FOOD TRADESPERSONS**
- 48 AMENITY HORTICULTURAL TRADESPERSONS**
- 49 MISCELLANEOUS TRADESPERSONS**

MINOR GROUP 41

METAL FITTING AND MACHINING TRADESPERSONS

METAL FITTING AND MACHINING TRADESPERSONS shape metal stock, usually to fine tolerances, using lathes and other precision metal tools to fabricate or repair tools, dies, jigs and other individual (ie not mass-produced) metal products, assemble machinery incorporating these as components, and set up partially automated machine tools for use by less skilled operators.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Metal Fitting and Machining Tradespersons typically include selecting stock; determining dimensions and tolerances; setting machine controls; manipulating stock and controls of machine tools to shape stock by cutting, drilling or abrasion; measuring product for conformity to specifications; and fitting parts into machinery using hand tools, and testing to ensure that machinery functions correctly.

This minor group includes Metal Machinists (Second and Third Class) because they perform similar tasks to Metal Machinists (First Class), and cannot reliably be distinguished from them in statistical collections, although their skill level is different.

Tool Designers are excluded from this minor group because they are primarily involved in the design rather than fabrication of tools. They are located in Unit Group 3205, Mechanical Engineering Associates and Technicians.

Occupations in this minor group are classified into the following unit groups:

4101 TOOLMAKERS

4103 METAL FITTERS AND MACHINISTS

4101 TOOLMAKERS

TOOLMAKERS make and repair tools, dies, jigs, fixtures and other parts and equipment to fine tolerances. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year trade certificate.

TASKS include:

- determining dimensions and tolerances of article to be manufactured from drawings, blueprints or specifications
- measuring and marking out metal stock or casting using various gauges
- shaping metal stock using machine tool
- checking accuracy of manufactured article to fine tolerances, using precision measuring instruments
- testing and modifying manufactured article

OCCUPATIONS

4101-01 Supervisor, Toolmakers
Supervisor, Tool Room (a)

4101-11 Toolmaker
Tool and Die Maker (a)
Die Caster (s)
Die Sinker (s)
Jigmaker (Metal) (s)
Plastic Mould Maker (s)
Press-Tool Maker (s)

4101-91 Apprentice Toolmaker

4103 METAL FITTERS AND MACHINISTS

METAL FITTERS AND MACHINISTS set up machining tools, production machines and textile machines, operate machining tools and machines to shape metal stock and castings, and fit and assemble the fabricated metal parts into products. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Die Setters, Metal Machinists (Second Class), and Metal Machinists (Third Class) which have no specific entry requirement.

TASKS include:

- determining suitable material, method and sequence of operations, and machine settings from drawings, blueprints, or job specification cards
- setting guides, stops and other controls on machining tool, setting up prescribed cutting or shaping tool or die in machine or press, or setting controls for textile machines
- forming metal stock or castings to fine tolerances using machining tool to press, cut, grind, plane, bore or drill metal
- fitting fabricated metal parts into products and assembling metal parts and sub-assemblies to produce machinery and equipment using hand tools
- checking fabricated and assembled metal parts for

GROUP DEFINITIONS

TRADESPERSONS

accuracy, clearance and fit using precision measuring instruments

- preparing pattern mechanism to control operation of textile machines used to spin, weave, knit, sew and tuft fabric

OCCUPATIONS

4103-01 Supervisor, Metal Fitters and Machinists

4103-11 Fitter

Bench Fitter (s)
Diesel Fitter-Mechanic (s)
Fitter and Turner (s)
Fitter-Machinist (s)
Fitter-Mechanic (s)
Fitter-Welder (s)
Maintenance Fitter (s)
Mechanic (Diesel and Heavy Earthmoving Equipment) (s)
Plant Mechanic (s)
Service Fitter (s)
Sewing Machine Mechanic (s)

4103-13 Metal Machinist (First Class)

Aircraft Machinist (s)
Automotive Machinist (s)
Machine Setter (Metal) (s)
Milling Machinist (s)
Radial Driller (Metal) (s)
Turner (s)
Vertical Borer (s)

4103-15 Textile Mechanic

Loom Tuner (s)

4103-17 Die Setter

4103-19 Metal Machinist (Second Class)

Machine Tool Operator (Metal) (s)
Gear Cutter (s)

4103-21 Metal Machinist (Third Class)

4103-91 Apprentice Metal Fitter and Machinist

Apprentice Aircraft Machinist (s)
Apprentice Automotive Machinist (s)
Apprentice Fitter, Turner and Machinist (s)
Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment) (s)
Apprentice Sewing Machine Mechanic (s)
Apprentice Textile Mechanic (s)

MINOR GROUP 42 OTHER METAL TRADESPERSONS

OTHER METAL TRADESPERSONS cut, shape, join and finish metal, using a variety of tools and equipment other than lathes and similar machine tools.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Other Metal Tradespersons typically include drawing or marking out patterns; heating metal stock and shaping it using hammers; cutting stock or mould components to shape using hand tools, cutting torches or machine tools; joining components by welding, soldering, brazing, rivetting, bolting, screwing or gluing; dismantling and inspecting aircraft components and complex items of metal machinery, repairing or replacing faulty components, and re-assembling; and applying protective or decorative finishes to metal products.

This minor group includes Electroplaters and Sheet Metal Workers (Second and Third Class) because they perform similar tasks to Electroplaters and Sheet Metal Workers (First Class) and cannot reliably be distinguished from them in statistical collections, although their skill level is different.

Occupations in this minor group are classified into the following unit groups:

- 4201 FORGING TRADESPERSONS
- 4203 SHEETMETAL TRADESPERSONS
- 4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING
TRADESPERSONS
- 4207 METAL CASTING TRADESPERSONS
- 4209 METAL FINISHING TRADESPERSONS
- 4211 AIRCRAFT MAINTENANCE ENGINEERS
- 4213 PRECISION METAL TRADESPERSONS

4201 FORGING TRADESPERSONS

FORGING TRADESPERSONS heat and hammer metal to shape, make or repair metal articles, including horseshoes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 4 year trade certificate.

TASKS include:

- selecting metal for job and preparing horses' hooves for shoeing
- heating metal in fire, furnace or forge or by using welding equipment or propane torch
- hammering, punching or cutting metal to join parts using hand tools or machine presses
- tempering and hardening finished article by quenching in oil or water bath or by cooling gradually in air
- nailing horseshoe to hoof and trimming hoof flush with shoe using rasp

OCCUPATIONS

- 4201-01 Supervisor, Forging Tradespersons
- 4201-11 Blacksmith
Forging Smith (s)

Hammersmith (s)
Springmaker (s)
Toolsmith (s)

4201-13 Farrier

4201-91 Apprentice Forging Tradesperson
Apprentice Blacksmith (s)
Apprentice Farrier (s)

4203 SHEETMETAL TRADESPERSONS

SHEETMETAL TRADESPERSONS cut, shape and join sheetmetal using hand and power tools, or machines, or assemble and install sheetmetal products. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Sheetmetal Worker (Second Class), which has no specific entry requirement.

TASKS include:

- marking out selected sheetmetal using templates, gauges and other instruments
- cutting sheetmetal using hand tools, power shears, guillotines or drills

GROUP DEFINITIONS

- shaping cut sheetmetal into products using folding machines, rollers or presses, or metal spinning lathe
- checking dimensions of formed articles using precision measuring instruments
- bolting, riveting, brazing or soldering components together using hand or power tools
- finishing products by cleaning, polishing, filing or bathing them in acid solution

OCCUPATIONS

- 4203-01 Supervisor, Sheetmetal Tradespersons
Supervisor, Metal Spinners (s)
- 4203-11 Sheetmetal Worker (First Class)
Sheetmetal Patternmaker (s)
- 4203-13 Coppersmith
- 4203-15 Metal Spinner
- 4203-17 Sheetmetal Worker (Second Class)
Ductworker (s)
Guillotine Operator (Metal) (s)
Metal Bending Machine Operator (s)
Sheetmetal Rolling Machine Operator (s)
- 4203-91 Apprentice Sheetmetal Tradesperson
Apprentice Coppersmith (s)
Apprentice Metal Spinner (s)

4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS

STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS cut, shape, join and repair metal parts of iron and steelwork structures, pressure pipes, ships, boilers or other vessels subject to greater pressure than the weight of their contents, and weld metals together. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Welders (Second Class) and Welders (Third Class), which have no formal entry requirement.

TASKS Include:

- cutting marked-out metal sections and shapes using hand tools, flame cutting torches or metal cutting machines
- shaping and bending metal sections and pipes using hand and machine tools or by heating and hammering
- aligning parts to be joined using hand tools and measuring instruments and, for large sections, with the aid of cranes or other lifting equipment
- joining metal sections by various welding techniques, bolting or rivetting
- cleaning and smoothing weld by filing, chiselling and grinding

OCCUPATIONS

- 4205-01 Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
- 4205-11 Metal Fabricator
Boilermaker (s)
Boilermaker-Welder (s)
Metal Fabricator-Welder (s)

TRADESPERSONS

Template Maker (s)

- 4205-13 Structural Steel Tradesperson
Structural Boilermaker (s)
Structural Metal Fabricator (s)
- 4205-15 Pressure Welder
- 4205-17 Welder (First Class)
Welder (Special Class) (s)
- 4205-19 Welder (Second Class)
Arc Welder (s)
Brazier (s)
Gas Welder-Cutter (s)
Gas-shielded Arc Welding Operator (s)
Metal-Inert-Gas Welder (s)
Oxy-acetylene Welder-Cutter (s)
Plasma-arc Welder (s)
Solderer (s)
- 4205-21 Welder (Third Class)
- 4205-91 Apprentice Structural Steel, Boilermaking and Welding Tradesperson
Apprentice Boilermaker (s)
Apprentice Metal Fabricator (s)
Apprentice Structural Steel Tradesperson (s)
Apprentice Template Maker (s)
Apprentice Welder (s)

4207 METAL CASTING TRADESPERSONS

METAL CASTING TRADESPERSONS plan and fabricate mould patterns and form sand moulds and cores used in the production of metal castings. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS Include:

- drawing pattern for mould on layout board
- cutting and shaping stock using band-saws, lathes, planers and routers
- assembling parts using glue, dowels and screws, to form moulding box
- smoothing and shaping surface of moulding box using hand tools, and applying sealing finish
- applying parting agent to moulding box and positioning vents to allow gases to escape
- filling box with sand and packing sand in place using hand ramming tools or pneumatic hammers
- applying refractory paint to prevent molten metal from fusing with sand and positioning cores in mould

OCCUPATIONS

- 4207-01 Supervisor, Metal Casting Tradespersons
- 4207-11 Metal Casting Patternmaker
- 4207-13 Moulder and Coremaker
Coremaker (s)
Metal Moulder (s)
- 4207-91 Apprentice Metal Casting Tradesperson
Apprentice Metal Casting Patternmaker (s)
Apprentice Moulder and Coremaker (s)

TRADESPERSONS

GROUP DEFINITIONS

4209 METAL FINISHING TRADESPERSONS

METAL FINISHING TRADESPERSONS coat metal parts and articles using electrolytic processes or polish metal articles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate, except for Electroplaters (Second Class), which have no formal entry requirement.

TASKS include:

- polishing and buffing sheet or other metal by hand or machine to finish metal parts or articles
- preparing electrolytic and silver solutions for electroforming and applying silver solution to the objects to be coated
- setting and adjusting controls to regulate electric current and depositing of coating on objects
- rinsing solutions from coated articles
- checking depth of coating

OCCUPATIONS

- 4209-01 Supervisor, Metal Finishing Tradespersons
- 4209-11 Metal Polisher
- 4209-13 Electroplater (First Class)
Anodiser (s)
Electroformer (s)
- 4209-15 Electroplater (Second Class)
Production Plater (s)
Metal Plater (s)
- 4209-17 Electroplater (Third Class)
Barrel Plater (s)
- 4209-91 Apprentice Metal Finishing Tradesperson
Apprentice Electroplater (s)
Apprentice Metal Polisher (s)

4211 AIRCRAFT MAINTENANCE ENGINEERS

AIRCRAFT MAINTENANCE ENGINEERS maintain and repair aircraft engines, electrical systems and mechanical systems and assemble components of aircraft frames. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- dismantling, inspecting and reassembling aircraft engines, ancillary motors and engine accessories, electrical systems, or sub-assemblies of aircraft frames using hand and power tools and equipment
- testing aircraft communication equipment, aircraft instrumentation and electrical systems using electronic testing equipment and specialised test apparatus
- assembling parts and sub-assemblies of aircraft frames using hand and power tools
- installing electrical circuits and equipment
- conducting routine pre-flight inspections of engines,

aircraft frames and mechanical systems

OCCUPATIONS

- 4211-01 Supervisor, Aircraft Maintenance Engineers
- 4211-11 Aircraft Maintenance Engineer (Engines)
Aircraft Engine Fitter (s)
Aircraft Ground Engineer (Engines) (s)
Aircraft Mechanic (Engines) (s)
Examiner of Aircraft Engines (s)
Licensed Aircraft Maintenance Engineer (Engines) (s)
Line Maintenance Aircraft Engineer (Engines) (s)
- 4211-13 Aircraft Maintenance Engineer (Airframes)
Aircraft Ground Engineer (Airframes) (s)
Airframe Fitter (s)
Airframe Mechanic (s)
Examiner of Airframes (s)
Licensed Aircraft Maintenance Engineer (Airframes) (s)
Line Maintenance Aircraft Engineer (Airframes) (s)
- 4211-15 Aircraft Maintenance Engineer (Electrical)
Aircraft Electrical Engineer (s)
Aircraft Ground Engineer (Electrical) (s)
Examiner of Aircraft (Electrical) (s)
Licensed Aircraft Maintenance Engineer (Electrical) (s)
- 4211-17 Aircraft Maintenance Engineer (Radio)
Aircraft Ground Engineer (Radio) (s)
Aircraft Mechanic (Radio) (s)
Examiner of Aircraft Radio (s)
Licensed Aircraft Maintenance Engineer (Radio) (s)
- 4211-19 Aircraft Maintenance Engineer (Instruments)
Aircraft Ground Engineer (Instruments) (s)
Aircraft Mechanic (Instruments) (s)
Examiner of Aircraft Instruments (s)
Licensed Aircraft Maintenance Engineer (Instruments) (s)
- 4211-91 Apprentice Aircraft Maintenance Engineer
Apprentice Aircraft Ground Engineer (s)
Apprentice Aircraft Mechanic (s)

4213 PRECISION METAL TRADESPERSONS

PRECISION METAL TRADESPERSONS fabricate, assemble, maintain and repair precision instruments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- assembling parts and sub-assemblies of precision implements, locks, timepieces and small arms using hand tools, measuring instruments and magnifying aids
- calibrating precision instruments using standard weights and measures, jigs and fixtures and hand tools to adjust and align parts and small balancing weights
- dismantling precision instruments, locks, timepieces and small arms, repairing or replacing defective parts and reassembling article using hand or power

GROUP DEFINITIONS

TRADESPERSONS

tools or specially designed machines

- testing circuits in electronic timepieces using electronic testing equipment
- installing security systems, changing tumblers in locks, changing locks, cutting keys and opening locks by manipulation
- making blades for circular, band or other power saws and/or repairing, setting and sharpening blades for hand or power saws
- inscribing letters, figures and designs on surfaces of jewellery, trophies or other ornamental items

OCCUPATIONS

4213-01 Supervisor, Precision Metal Tradespersons

4213-11 Precision Instrument Maker and Repairer
Instrument Fitter (s)
Camera Repairer (s)
Scalemaker and Adjuster (s)
Scientific Instrument Maker and Repairer (s)

4213-13 Watch and Clock Maker and Repairer
Watchmaker (s)

4213-15 Locksmith
Safemaker (s)

4213-17 Saw Maker and Repairer
Saw Doctor (s)
Saw Sharpener (s)

4213-19 Gunsmith
Armourer (s)

4213-21 Engraver

4213-91 Apprentice Precision Metal Tradesperson
Apprentice Locksmith (s)
Apprentice Saw Maker and Repairer (s)
Apprentice Watch and Clock Repairer (s)

MINOR GROUP 43

ELECTRICAL AND ELECTRONICS TRADESPERSONS

ELECTRICAL AND ELECTRONICS TRADESPERSONS assemble, test and repair electrical and electronic systems, equipment and components.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Electrical and Electronics Tradespersons typically include examining and updating wiring and cable location diagrams; testing for, locating and repairing electrical malfunctions; cutting and connecting wiring and cables; assembling, fabricating and/or fitting electrical components using hand-held and power tools, and machinery; connecting electrical systems and appliances to power supply; joining air-conditioning ducting components; and filling refrigeration units with refrigerant.

Electrical and Electronic Engineering Associates and Technicians are excluded from this minor group because they are concerned more with the design and operation of complex electrical and electronic equipment than with its fabrication or maintenance. They are located in Unit Group 3201, Electrical and Electronic Engineering Associates and Technicians. Occupations involving the assembly and installation of simple electrical components on a production line are excluded because each involves only one phase in the manufacturing process and requires the performance of a narrow range of routine tasks. They are located in Minor Group 81, Trades Assistants and Factory Hands.

Occupations in this minor group are classified into the following unit groups:

- 4301 ELECTRICAL POWERLINE TRADESPERSONS**
- 4303 ELECTRICAL FITTERS**
- 4305 AUTOMOTIVE ELECTRICIANS**
- 4307 REFRIGERATION AND AIR-CONDITIONING MECHANICS**
- 4309 ELECTRICAL MECHANICS**
- 4311 COMMUNICATIONS EQUIPMENT TRADESPERSONS**
- 4313 RADIO AND TELEVISION SERVICERS**
- 4315 OFFICE EQUIPMENT AND COMPUTER SERVICERS**
- 4399 OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS**

4301 ELECTRICAL POWERLINE TRADESPERSONS

ELECTRICAL POWERLINE TRADESPERSONS install, repair, maintain and monitor overhead and underground electric power distribution networks. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- joining and splicing cables, and insulating wiring
- changing layout of cable systems
- testing cables to ensure quality of performance and adequacy of insulation
- installing and servicing aerial equipment
- laying, fixing and joining cross-layered polyethylene covered cable
- performing emergency repairs and de-energising of conductors

- maintaining location diagrams
- driving vehicles
- operating cranes and lifting devices
- installing of earth stakes, poles and guy wires
- digging of holes and trenches using hand and power tools

OCCUPATIONS

- 4301-01 Supervisor, Electrical Powerline Tradesperson**
- 4301-11 Electrical Linesman/woman**
- 4301-13 Electrical Cable Joiner**
- 4301-91 Apprentice Electrical Powerline Tradesperson**
Trainee Electrical Linesman/woman (a)

GROUP DEFINITIONS

4303 ELECTRICAL FITTERS

ELECTRICAL FITTERS assemble, install, test and maintain electrical equipment and components, and service and repair domestic and commercial electrical appliances and equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- examining blueprints, wiring diagrams and specifications
- measuring and laying out installation reference points
- fabricating or modifying metal parts and assembling components using lathes, drilling machines, hand tools and welding equipment
- selecting, cutting and connecting wire or cable to terminals or connectors
- lubricating bearings and moving parts of mechanisms
- repairing or replacing faulty wiring and defective parts
- reassembling and test-operating unit

OCCUPATIONS

4303-01 Supervisor, Electrical Fitters

4303-11 Electrical Equipment Fitter
Armature Winder (s)
Electrical Instrument Fitter (s)
Heavy Coil Winder (s)

4303-13 Electrical Appliance Servicer

4303-91 Apprentice Electrical Fitter

RELATED OCCUPATIONS

4213-11 Precision Instrument Maker and Repairer

4309-11 Electrical Mechanic

4305 AUTOMOTIVE ELECTRICIANS

AUTOMOTIVE ELECTRICIANS install, repair and maintain electrical wiring and components in automobiles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- installing gauges, alternators, capacitors, starter motors and other such electrical equipment
- connecting electrical accessories to power supply
- testing for and locating electrical malfunctions
- replacing defective items and parts
- repairing defective ignition and electrical wiring

OCCUPATIONS

4305-01 Supervisor, Automotive Electricians

TRADESPERSONS

4305-11 Automotive Electrician
Automotive Electrical Fitter (a)

4305-91 Apprentice Automotive Electrician

4307 REFRIGERATION AND AIR-CONDITIONING MECHANICS

REFRIGERATION AND AIR-CONDITIONING MECHANICS assemble, install, service and repair refrigeration and air-conditioning units and systems. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- measuring and laying out installation reference points
- installing refrigeration or air-conditioning components such as compressors
- installing compressors, motors, condensers, evaporators, switches, gauges and piping
- connecting piping and component parts to form complete circulatory system
- testing system for leaks using test gas or fluid and vacuum pumping equipment
- filling units with refrigerant
- servicing equipment, and testing for defects
- repairing or replacing defective parts, and recharging systems with refrigerant

OCCUPATIONS

4307-01 Supervisor, Refrigeration and Air-Conditioning Mechanics

4307-11 Air-Conditioning Mechanic
Air-Conditioning Technician (a)

4307-13 Refrigeration Mechanic
Refrigeration Fitter (a)

4307-91 Apprentice Refrigeration and Air-Conditioning Mechanic

4309 ELECTRICAL MECHANICS

ELECTRICAL MECHANICS install, maintain and repair electrical wiring and related equipment in houses, ships, trains, commercial and industrial sites and establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities issue licences for certain classes of work.

TASKS include:

- examining wiring diagrams and installation areas to determine layout of wiring system
- positioning and installing electrical switchboards

TRADESPERSONS

- measuring, cutting and installing conduit
- splicing wires by twisting and soldering
- connecting wires to circuit breakers, transformers, timers and other electrical equipment to complete circuit
- connecting power distribution system to power systems
- installing switches, light fittings and earthing systems
- testing circuits for safety, and checking for defects
- repairing or replacing defective components or systems

OCCUPATIONS

- 4309-01 Supervisor, Electrical Mechanics**
- 4309-11 Electrical Mechanic**
Electrician (s)
Electrical Contractor (s)
- 4309-13 Electrician (Special Class)**
- 4309-91 Apprentice Electrical Mechanic**
Apprentice Electrician (s)

4311 COMMUNICATIONS EQUIPMENT TRADESPERSONS

COMMUNICATIONS EQUIPMENT TRADESPERSONS install, maintain and repair external telecommunications equipment, telecommunications appliances, electronic broadcasting and telecine equipment and instruments and systems used for monitoring and process control. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State authorities issue licences for certain classes of work.

TASKS include:

- erecting, testing and maintaining aerial wires
- installing underground cables for telephone, radio and computer transmission
- installing telephones in homes and computerised switchboards in office blocks
- installing alarm, radar, medical monitoring, two-way radio and computer systems
- dismantling and examining equipment
- locating defective components or circuitry using electronic testing instruments
- replacing or repairing defective components and parts, lines and cables
- assembling and soldering equipment

OCCUPATIONS

- 4311-01 Supervisor, Communications Equipment Tradespersons**
Telecommunications Line Supervisor (s)
- 4311-11 Broadcasting Tradesperson**
Broadcasting Technician (s)
- 4311-13 Telecommunications Tradesperson**
Telecommunications Technician (s)
- 4311-15 Telecommunications Line**

GROUP DEFINITIONS

Serviceman/woman

Telecommunications Lineman/woman (s)
Radio Lineman/woman (s)
Telecommunications Cable Joiner (s)

- 4311-91 Trainee Communications Equipment Tradesperson**
Telecommunications Line
Serviceman/woman-in-Training (s)
Telecommunications
Lineman/woman-in-Training (s)
Telecommunications
Technician-in-Training (s)
Trainee Telecommunications
Lineman/woman (s)

- 4311-99 Communications Equipment Tradespersons nec**
Alarms Installer (s)

4313 RADIO AND TELEVISION SERVICERS

RADIO AND TELEVISION SERVICERS maintain and repair radio and television receivers, tape recorders, phonographs and video cassette recorders. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- observing reception to determine nature of malfunction
- performing voltage and resistance tests and waveform check using electronic testing equipment
- adjusting controls of colour receiver using colour bar generator
- examining motors of record turntables and tape recorders
- repairing or replacing defective parts

OCCUPATIONS

- 4313-01 Supervisor, Radio and Television Servicers**
- 4313-11 Radio and Television Servicer**
Radio and Television Repairer (s)
Radio Mechanic (s)
Television Mechanic (s)
Video Technician (s)
- 4313-91 Apprentice Radio and Television Servicer**

4315 OFFICE EQUIPMENT AND COMPUTER SERVICERS

OFFICE EQUIPMENT AND COMPUTER SERVICERS install, service and repair computer hardware, vending machines, typewriters, calculating, adding and book-keeping machines, cash registers and other such office equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

GROUP DEFINITIONS

TASKS Include:

- dismantling machines and examining components
- adjusting, repairing and replacing worn or defective parts using hand tools and soldering equipment
- lubricating moving parts
- setting up test equipment to evaluate functional and operational performance and locate circuitry defects
- repairing and replacing defective wiring
- reassembling machinery

OCCUPATIONS

- 4315-01 Supervisor, Office Equipment and Computer Servicers
- 4315-11 Office Equipment Servicer
Business Equipment Mechanic (a)
- 4315-13 Computer Servicer
Computer Technician (a)
- 4315-91 Trainee Office Equipment and Computer Servicer
Apprentice Office Equipment and Computer Servicer (s)

TRADESPERSONS

4399 OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 43, Electrical and Electronics Tradespersons.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

OCCUPATIONS

- 4399-01 Supervisor, Other Electrical and Electronics Tradespersons
Supervisor, Lift Mechanics (s)
- 4399-11 Lift Mechanic
Lift Electrician (a)
- 4399-13 Vending Machine Servicer
Amusement Machine Mechanic (s)
Poker Machine Servicer (s)
- 4399-99 Electrical and Electronics Tradespersons
nec
Apprentice Electronic Instrumentation Tradesperson (s)
Electronic Instrument and Control Tradesperson (s)
Electronic Instrument Tradesperson (Complex Systems) (s)

MINOR GROUP 44 BUILDING TRADESPERSONS

BUILDING TRADESPERSONS construct, install, and repair buildings, civil engineering structures, plumbing and theatrical sets; finish surfaces by tiling or applying sheet materials or liquids; and design and paint signs.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Building Tradespersons typically include examining plans and specifications; selecting appropriate materials, components and fittings; erecting scaffolding; cutting, mixing, assembling and/or applying materials and components to achieve desired effect, using a variety of hand-held, power and other tools; checking accuracy of work; repairing and replacing damaged fixtures and sections of structures and surfaces; and cleaning equipment and work area.

This minor group includes Joiners, although they work off site, because they construct fixtures which are installed as structural components of buildings.

Cabinetmakers are excluded from this minor group because the items they fabricate are not structural components of buildings. They are located in Unit Group 4903, Cabinetmakers.

Occupations in this minor group are classified into the following unit groups:

- 4401 CARPENTERS AND JOINERS
- 4403 BRICKLAYERS
- 4405 PAINTERS, DECORATORS AND SIGNWRITERS
- 4407 PLASTERERS
- 4409 PLUMBERS
- 4411 ROOF SLATERS AND TILERS
- 4413 WALL AND FLOOR TILERS

4401 CARPENTERS AND JOINERS

CARPENTERS AND JOINERS construct, erect, install, renovate and repair wooden structures and fixtures used in internal and external building frameworks, dams, bridges and theatrical sets. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in carpentry and/or joining. State Licensing Boards may require self-employed tradespersons to be registered.

TASKS include:

- determining details of work from plans and specifications
- selecting appropriate timber and materials
- cutting timber to size using hand or power tools
- assembling and installing fixtures and structures
- checking the accuracy of work with a square rule and spirit level

COMMENTS

Materials other than wood may be used, such as plastic laminates, perspex and metals.

OCCUPATIONS

- 4401-01 Supervisor, Carpenters and Joiners

- 4401-11 Carpenter
Fixing Carpenter (s)
Formwork Carpenter (s)
Prop and Scenery Maker (s)
Shop Fitter (s)

- 4401-13 Joiner
Joinery Patternmaker (s)
Joinery Setter-out (s)

- 4401-91 Apprentice Carpenter and Joiner
Apprentice Carpenter (s)
Apprentice Joiner (s)

RELATED OCCUPATIONS

- 4901 Wood Machinists and Turners
4903 Cabinetmakers
4905 Other Wood Tradespersons

4403 BRICKLAYERS

BRICKLAYERS lay bricks, stones, tiles and building blocks to construct and repair structures such as walls, foundations and arches; or equipment such as boilers, industrial ovens, furnaces, kilns and smelters. They may supervise, or receive training in, occupations in this unit group.

GROUP DEFINITIONS

TRADESPERSONS

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in bricklaying. State Licensing Boards may require self-employed tradespersons to be licensed.

TASKS include:

- examining plans and specifications
- erecting scaffolding and positioning supporting frames for brickwork
- spreading mortar over bricks, blocks or tiles and laying in place, removing excess mortar with trowel
- checking each row for vertical and horizontal alignment
- shaping bricks to fit irregular spaces
- spreading high heat plastic refractory mixes over exposed brickwork to prevent deterioration
- repairing and maintaining brick and related structures and equipment

OCCUPATIONS

4403-01 Supervisor, Bricklayers

- 4403-11 Bricklayer
 - Blocklayer (a)
 - Arch Builder (s)
 - Chimney Builder (s)
 - Refractory Bricklayer (a)
 - Retort Setter (Bricklaying) (a)
 - Tuckpointer (s)

4403-91 Apprentice Bricklayer

4405 PAINTERS, DECORATORS AND SIGNWRITERS

PAINTERS, DECORATORS AND SIGNWRITERS apply paint, varnish and other finishes to walls and ceilings, or cover them with paper, vinyl or fabrics, to protect and decorate surfaces of domestic, commercial and industrial buildings; or design and paint signs for displays, buildings and other structures. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in painting, decorating and/or signwriting.

TASKS include:

- studying proposals, sketches or written instructions and conferring with client to confirm nature and style of work to be undertaken
- determining type and quantity of materials required
- erecting scaffolding and setting up brushes and equipment
- preparing surfaces by cleaning and sanding
- selecting and mixing paint or adhesive
- marking out and painting sign, wall or other surface using roller, spraygun or brush and metal stick
- cleaning and maintaining equipment and work area
- applying paper, vinyl, fabric or similar wall covering materials

OCCUPATIONS

4405-01 Supervisor, Painters, Decorators and Signwriters

4405-11 Painter and Decorator Industrial Painter (Structures) (s)

4405-13 Paperhanger

4405-15 Signwriter Signcraftsman/woman (a)

4405-91 Apprentice Painter, Decorator and Signwriter

4407 PLASTERERS

PLASTERERS apply plaster, cement or similar materials and fix fibrous sheets to the interior or exterior of domestic and commercial buildings. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in plastering.

TASKS include:

- erecting scaffolding
- mixing plaster to desired consistency, applying and smoothing coats of plaster using a trowel and creating decorative textures in finish coats
- straightening corners, angles and surfaces
- finishing surfaces with acoustic, insulating and fireproofing materials
- determining fibreboard layout and installing insulation and vapour barriers
- measuring and marking surfaces to prepare them for fibreboard installation
- cutting fibreboard and fixing it in place, securing with metal corner beads
- covering joints and nail holes and finishing surface

OCCUPATIONS

4407-01 Supervisor, Plasterers

4407-11 Solid Plasterer Cement Plasterer (a) Cement Renderer (s)

4407-13 Fibrous Plasterer Fibrous Plaster Fixer (a) Fibrous Plaster Setter (a) Plasterboard Fixer (a)

4407-91 Apprentice Plasterer

4409 PLUMBERS

PLUMBERS install and repair pipelines, plumbing and related equipment for water, gas, sewerage and other systems in residential, commercial and industrial establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate in plumbing. Plumbers are registered by state authorities, and licensing may be obtained in various areas of plumbing after further study.

TRADESPERSONS

TASKS include:

- determining layout of pipeline systems and materials required from drawings and specifications
- locating and marking positions for connections, fixtures etc., and areas of trenches to be excavated
- cutting holes and excavating through floors and walls and directing excavation for tanks, sillage pits and transpiration beds
- measuring, cutting, threading and bending pipes
- welding, threading, cementing or soldering pipes together
- assembling and installing pipelines, connecting pipes to various components, equipment and appliances
- testing and adjusting lines, control mechanisms and sewerage systems
- ensuring compliance with relevant codes and by-laws

OCCUPATIONS

- 4409-01 Supervisor, Plumbers**
Supervisor, Drainers (s)
Supervisor, Gas Fitters (s)
- 4409-11 Plumber (General)**
Pipe Fitter (Plumbing) (s)
Pipe Joiner (s)
Roof Plumber (s)
Sprinkler Fitter (s)
- 4409-13 Gasfitter**
Gas-main and Line Fitter (s)
Leadburner (s)
Liquid Petroleum Gasfitter (s)
Pinpointer (s)
- 4409-15 Drainer**
Drain Cleaner (s)
Septic Tank Installer (s)
- 4409-91 Apprentice Plumber**
Apprentice Drainer (s)
Apprentice Gasfitter (s)
Apprentice Leadburner (s)
Apprentice Sprinkler Fitter (s)

4411 ROOF SLATERS AND TILERS

ROOF SLATERS AND TILERS cover structures with roof tiles, sheets or shingles to form a waterproof surface. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State Licensing Boards may require self-employed tradespersons to be licensed.

GROUP DEFINITIONS

TASKS include:

- determining layout for tiles and materials required from drawings and specifications
- erecting ladders and scaffolding and securing waterproof sheets under eaves
- nailing or stapling roof underlay to roof
- aligning and securing starter row of roofing material, and laying successive overlapping layers
- cutting roofing material to fit around vents, chimney edges, ridges and corners
- fixing edge and ridge tiles in mortar or cement

OCCUPATIONS

- 4411-01 Supervisor, Roof Slaters and Tilers**
- 4411-11 Roof Slater and Tiler**
Roof Fitter (s)
Roof Shingler (s)
- 4411-91 Apprentice Roof Slater and Tiler**

4413 WALL AND FLOOR TILERS

WALL AND FLOOR TILERS lay various types of tiles on external and internal walls and floors to provide a protective and decorative finish. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. State Licensing Boards may require self-employed tradespersons to be licensed.

TASKS include:

- examining plans, measuring and marking surface to be covered and laying out work
- preparing surface by removing old tile, grout and adhesive, and cleaning with soap and water
- spreading adhesive onto surface, setting tile in position and aligning it using level, square, plumb line and straight-edge
- cleaning tiles and removing excess grout

OCCUPATIONS

- 4413-01 Supervisor, Wall and Floor Tilers**
- 4413-11 Wall and Floor Tiler**
Wall and Floor Tile Fitter (s)
Ceramic Tiler (s)
Mosaic Tiler (s)
Terrazzo Floor Layer (s)
- 4413-91 Apprentice Wall and Floor Tiler**

MINOR GROUP 45 PRINTING TRADESPERSONS

PRINTING TRADESPERSONS prepare, set and duplicate type prior to printing, reproduce camera-ready copy onto film, plate, cylinder or screen printing stencil, set up and operate all types of printing machines, and bind and finish the printed products.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Printing Tradespersons typically include composing and making up pages for typesetting; making plastic or rubber moulds of formes for duplicates needed in multiple and/or long printing runs; treating film, plates, cylinders and moulds with chemicals; setting up, operating and monitoring machines used in typesetting, photographing copy, printing and cutting, folding, collating and binding printed material; finishing book covers and edges using hand tools; performing routine maintenance and minor repairs on machinery; and cleaning equipment.

Occupations in this minor group are classified into the following unit groups:

- 4501 COMPOSITORS
- 4503 GRAPHIC REPRODUCTION TRADESPERSONS
- 4505 PRINTING MACHINISTS
- 4507 BINDERS AND FINISHERS
- 4509 STEREOTYPERS AND ELECTROTYPERS
- 4511 SCREEN PRINTERS

4501 COMPOSITORS

COMPOSITORS set and lay out type and other material by hand or machine prior to printing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- planning and composing pages in metal, bromide or film
- setting up and operating keyboard controlled type-casting machines
- casting lines of type in hot metal and/or cold type
- entering and manipulating copy on visual display terminals of computerised phototypesetting systems
- processing output from computerised system to obtain image on bromide or film

OCCUPATIONS

- 4501-01 Supervisor, Compositors
- 4501-11 Compositor
Typesetter (s)
- 4501-91 Apprentice Compositor

4503 GRAPHIC REPRODUCTION TRADESPERSONS

GRAPHIC REPRODUCTION TRADESPERSONS prepare and develop film (in negative or positive form), printing plates or cylinders for gravure printing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- operating photographic equipment to reproduce camera-ready copy onto film, plate or cylinder
- treating plates and cylinders chemically
- developing film positives or negatives or bromides
- chrome-plating and polishing plates and cylinders
- dot etching, retouching and correcting film
- printing and examining proofs to check quality and correcting where necessary

OCCUPATIONS

- 4503-01 Supervisor, Graphic Reproduction
Tradespersons
- 4503-11 Plate Preparer (Printing)
Plate Maker (Printing) (s)
Etcher-Finisher (Photo Engraving) (s)
Flexographic Plate Maker (s)
Gravure Plate Preparer (s)
Letterpress Plate Maker (s)
Lithographic Plate Preparer (s)
Proofer-Finisher (Printing) (s)

TRADESPERSONS

- 4503-13 Cylinder Preparer (Printing)
Cylinder Reviser (s)
Depositor and Grinder (s)
Proofer (Printing) (s)
- 4503-15 Image Preparer (Printing)
Electronic Scanner Operator (Printing) (s)
Process Camera Operator (Printing) (s)
Retoucher and Planner (Printing) (s)
- 4503-91 Apprentice Graphic Reproduction
Tradesperson

4505 PRINTING MACHINISTS

PRINTING MACHINISTS set up and operate letterpress, lithographic, flexographic, gravure, newspaper, small offset or screen printing presses. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- preparing image material, photoengravings, stereotypes, electrotypes, hot metal type and/or printing plates
- setting and adjusting paper-feed mechanism, delivery mechanism, cylinders, inking and distributor rollers and other machine functions
- selecting, matching and mixing coloured inks and regulating paper and ink supply during print run
- monitoring machine operation and printing quality
- maintaining production records
- cleaning and maintaining, presses and performing minor repairs

OCCUPATIONS

- 4505-01 Supervisor, Printing Machinists
- 4505-11 Letterpress Printing Machinist
- 4505-13 Lithographic Printing Machinist
- 4505-15 Flexographic or Gravure Printing Machinist
- 4505-17 Newspaper Press Machinist (Metropolitan)
- 4505-19 Small Offset Printing Machinist
- 4505-91 Apprentice Printing Machinist

4507 BINDERS AND FINISHERS

BINDERS AND FINISHERS bind and/or finish books and printed products by hand or machine. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- binding books and repairing book bindings
- edge-gilding, bevelling, marbling or otherwise

GROUP DEFINITIONS

- finishing book covers using hand tools
- folding, collating and sewing signatures (sheets) by hand or machine
- cutting and trimming paper using manual and automatic guillotines
- operating machines to bind and finish books and other printed products

OCCUPATIONS

- 4507-01 Supervisor, Binders and Finishers
- 4507-11 Binder and Finisher
Paper Guillotine Operator (Bookbinding) (s)
- 4507-91 Apprentice Binder and Finisher

4509 STEREOTYPERS AND ELECTROTYPERS

STEREOTYPERS AND ELECTROTYPERS make duplicates of prepared forms (assemblages) of type and other material for long-run or multiple printing operations. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- pressing pliable rubber or plastic matrix against forms to make mould
- pouring molten metal into mould either by hand or casting machine
- trimming, shaving or levelling plate using hand tools or machines
- treating and electroplating moulds chemically
- maintaining plating baths and repairing damaged plates
- filing and storing matrices

OCCUPATIONS

- 4509-01 Supervisor, Stereotypers and Electrotypers
- 4509-11 Stereotyper and Electrotyper
- 4509-91 Apprentice Stereotyper and Electrotyper

4511 SCREEN PRINTERS

SCREEN PRINTERS make stencils either by hand or photographically for use by a screen printing machine or on a hand bench, print from stencil using machine or bench. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- designing work for hand-cut or photographic stencils
- hand-cutting stencils

GROUP DEFINITIONS

TRADESPERSONS

- tracing stencils from master sketches
- preparing photographic stencils
- applying stencils to screens
- operating a camera, preparing and exposing fine and coarse screen, half tone and line, wet and/or dry plate or film negatives and positives
- printing on paper or fabric using stencil, screen and ink, or dye-impregnated sponge or cloth, or using printing machine

OCCUPATIONS

4511-01 Supervisor, Screen Printers

4511-11 Screen Printer
Screen Printing Stencil Preparer (s)

4511-91 Apprentice Screen Printer

MINOR GROUP 46 VEHICLE TRADESPERSONS

VEHICLE TRADESPERSONS repair motor vehicles, construct and paint specialised vehicle bodies, and fit or replace interior trim and upholstery in vehicles.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Vehicle Tradespersons typically include assessing faults and damage, and estimating repair and replacement costs; dismantling engines, or removing damaged panels or interior trim; repairing faulty parts using a variety of machines and hand-held tools; making and fitting replacement parts; painting repaired vehicle surfaces; and constructing, modifying, painting and upholstering specialised vehicle bodies.

This minor group includes trimmers who work on aircraft, train and boat upholstery because their tasks are similar to the tasks of those who work on road vehicles and are often performed by the same persons.

Occupations concerned with the manufacture of production-line vehicles are excluded from this minor group because each involves only one phase in the manufacturing process and requires the performance of a narrow range of routine tasks. They are located in Minor Group 81, Trades Assistants and Factory Hands. Vehicle Accessories Fitters are also excluded because they perform a narrow range of routine tasks. They are located in Unit Group 8923, Vehicle Accessories Fitters. Diesel Fitter-Mechanics are excluded because they fabricate replacement parts rather than installing pre-fabricated parts. They are located in Unit Group 4103, Metal Fitters and Machinists.

Occupations in this minor group are classified into the following unit groups:

- 4601 VEHICLE MECHANICS
- 4603 PANEL BEATERS
- 4605 VEHICLE PAINTERS
- 4607 VEHICLE BODY MAKERS
- 4609 VEHICLE TRIMMERS

4601 VEHICLE MECHANICS

VEHICLE MECHANICS maintain, test and repair motor vehicles, parts and sub-assemblies and repair small engines and other propulsion or associated systems in boats, motor cycles and like equipment. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities may issue licences for certain classes of work.

TASKS include:

- diagnosing faults by listening to engine or operating specialised testing equipment
- removing engine, transmission or differential assemblies using hand tools and lifting equipment
- dismantling assembly, checking parts
- repairing or replacing defective parts
- reassembling, testing and adjusting sub-assembly, reinstalling in vehicle
- tuning engine
- relining and adjusting brakes, replacing worn shock absorbers, changing oil and air filters, lubricating vehicle parts

OCCUPATIONS

- 4601-01 Supervisor, Vehicle Mechanics
- 4601-11 Motor Mechanic
 - Automotive Air-Conditioning Mechanic (s)
 - Brake Mechanic (s)
 - Diesel Motor Mechanic (s)
- 4601-13 Small Engine Mechanic
 - Lawnmower Mechanic (s)
 - Motorcycle Mechanic (s)
 - Outboard Motor Mechanic (s)
- 4601-91 Apprentice Motor Mechanic
 - Apprentice Brake Mechanic (s)
 - Apprentice Diesel Motor Mechanic (s)
 - Apprentice Motorcycle Mechanic (s)
 - Apprentice Small Engine Mechanic (s)

RELATED OCCUPATIONS

- 4103 Metal Fitter and Machinists
- 7303-13 Marine Engine and Boiler Operator

4603 PANEL BEATERS

PANEL BEATERS repair motor vehicle bodies and panels. They may supervise, or receive training in,

GROUP DEFINITIONS

occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. State authorities may issue licences for certain classes of work.

TASKS Include:

- removing damaged panels and parts or removing upholstery and accessories to gain access to damaged areas
- placing specially shaped metal tools against dented surface and pounding opposite surface with hammer to remove dents
- straightening badly damaged vehicles using mechanical and hydraulic equipment
- filling depressions with plastic filler, filing, grinding and sanding repaired surfaces

OCCUPATIONS

- 4603-01 Supervisor, Panel Beaters
4603-11 Panel Beater
4603-91 Apprentice Panel Beater

4605 VEHICLE PAINTERS

VEHICLE PAINTERS prepare vehicle surfaces, mix paint colours and spray-paint vehicles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS Include:

- filing or chiselling rough spots
- sanding surfaces by hand or with electric sander
- covering areas not to be painted with masking tape and paper
- selecting or mixing paint shade to match existing vehicle colour
- applying primer and finish coats with spray-gun, rubbing down surface between coats
- removing masking papers, waxing and polishing finished paintwork

OCCUPATIONS

- 4605-01 Supervisor, Vehicle Painters
4605-11 Vehicle Painter
4605-91 Apprentice Vehicle Painter

4607 VEHICLE BODY MAKERS

VEHICLE BODY MAKERS fabricate and repair specialised vehicle bodies including bus, fire engine,

TRADESPERSONS

coach, carriage and wagon bodies. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- constructing framework sections in metal, wood, fibreglass or substitute materials using stretching and shrinking machinery and welding equipment
- bolting, screwing, rivetting or welding sections together to form complete framework
- cutting and shaping panels of sheetmetal, aluminium or reinforced plastic and attaching to framework using hand and power tools
- altering assembly line vehicles to special requirements

OCCUPATIONS

- 4607-01 Supervisor, Vehicle Body Makers
4607-11 Vehicle Body Maker
Vehicle Body Builder (s)
Coach Builder (s)
4607-91 Apprentice Vehicle Body Maker

4609 VEHICLE TRIMMERS

VEHICLE TRIMMERS make, install, repair and replace the interior trimmings and upholstery of vehicles. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS include:

- removing old coverings or fittings from vehicle and taking new measurements
- selecting and cutting pieces of fabric, vinyl or leather using shears or electrical tools
- sewing pieces together using heavy duty sewing machine
- installing lining, floor coverings and arm rests in vehicle
- attaching door trims, rubber seals, locks and handles

OCCUPATIONS

- 4609-01 Supervisor, Vehicle Trimmers
4609-11 Vehicle Trimmer
Vehicle Upholsterer (s)
4609-91 Apprentice Vehicle Trimmer

MINOR GROUP 47 FOOD TRADESPERSONS

FOOD TRADESPERSONS perform the more complex tasks in various stages of the preparation of food, applying technical expertise and knowledge of the properties of food.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Food Tradespersons typically include slaughtering livestock and cutting carcasses into standard cuts of meat; milling grains; selecting, measuring, cutting up, mixing and shaping ingredients using various techniques and appliances; cooking foodstuffs using ovens, hotplates, grills and similar equipment, and chilling food, monitoring temperature and elapsed time throughout; and planning menus, considering factors of nutrition, taste, colour and texture.

Occupations involving the operation of a single food processing machine to perform one phase in the manufacturing process are excluded from this minor group. They are located in Unit Group 7431, Food Processing Machine Operators.

Occupations in this minor group are classified into the following unit groups:

- 4701 MEAT TRADESPERSONS**
- 4703 BAKERS AND PASTRYCOOKS**
- 4705 COOKS**
- 4799 OTHER FOOD TRADESPERSONS**

4701 MEAT TRADESPERSONS

MEAT TRADESPERSONS slaughter livestock, cut, trim, select and prepare meat to be packed and sold to establishments (e.g. restaurants and smallgoods manufacturers) or to the public. They may supervise or receive training in, occupations in this group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. A licence, permit or lease to operate is required by local government authorities.

TASKS include:

- slaughtering livestock (including poultry) in abattoirs
- cutting or sawing carcasses into manageable proportions
- cutting or trimming standard cuts of meat using hand tools or power equipment
- removing bones
- feeding boneless meat through roller cutter or cubing machine to cube or tenderise
- operating mincer (grinder), mixer, patty-forming or sausage-forming machinery
- seasoning, pickling or curing meat
- shaping and tying roasts and poultry

OCCUPATIONS

- 4701-01 Supervisor, Meat Tradespersons**
Supervisor, Abattoir Workers (s)
Supervisor, Smallgoods Makers (s)
- 4701-11 Butcher**
- 4701-13 Smallgoods Maker**

4701-15 Slaughterman/woman

- 4701-91 Apprentice Meat Tradesperson**
Apprentice Butcher (s)
Apprentice Slaughterman/woman (s)
Apprentice Smallgoods Maker (s)

4703 BAKERS AND PASTRYCOOKS

BAKERS AND PASTRYCOOKS prepare and bake buns, cakes, bread loaves and rolls, and operate forming machines to make biscuits. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. 2 years on-the-job training is the usual.

TASKS include:

- checking cleanliness and operation of equipment before production runs to ensure health and safety regulations are met
- weighing and mixing ingredients
- mixing, kneading, cutting, moulding and shaping dough by hand
- operating machines which roll and mould dough or cut biscuits
- adjusting moulding dies, cutters or rollers on machines
- co-ordinating the loading and unloading of ovens
- monitoring baking times, temperatures and appearance of products

GROUP DEFINITIONS

TRADESPERSONS

OCCUPATIONS

- 4703-01 Supervisor, Bakers and Pastrycooks
- 4703-11 Pastrycook
Cake Decorator (s)
- 4703-13 Baker
Doughmaker (s)
- 4703-15 Biscuit Maker
- 4703-91 Apprentice Baker and Pastrycook

4705 COOKS

COOKS plan menus, and prepare and cook food in catering, dining, domestic or other establishments. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate.

TASKS Include:

- planning menus on the basis of available ingredients, preferred style, and customers' tastes
- requisitioning food, kitchen supplies and equipment
- examining foodstuffs to ensure quality
- preparing and cooking meat, fish, vegetables and other foods using a variety of methods
- seasoning food during cooking according to personal judgement, experience or recipes
- portioning food, adding sauces, gravies and garnishes
- cleaning or supervising cleaning of utensils, dishes, equipment and work area

OCCUPATIONS

- 4705-01 Supervisor, Cooks
Executive Chef (s)
- 4705-11 Chef
Sous-Chef (s)
- 4705-13 Qualified Cook
- 4705-91 Apprentice Cook
- 4705-99 Cooks nec
Domestic Cook (s)
Shearers' Cook (s)

RELATED OCCUPATIONS

- 7431-27 Food Factory Cook
8919 Kitchenhands

4799 OTHER FOOD TRADESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 47, Food Tradespersons.

SKILL LEVEL

The entry requirement for this unit group is a trade or apprenticeship certificate. A certificate or licence from an appropriate state authority may be required to

practise as a Buttermaker or Cheesemaker.

OCCUPATIONS

- 4799-01 Supervisor, Other Food Tradespersons
Supervisor, Buttermakers (s)
Supervisor, Cheesemakers (s)
Supervisor, Confectioners (s)
Supervisor, Millers (s)
- 4799-11 Miller
Stockfeed Miller (s)
- 4799-13 Buttermaker
- 4799-15 Cheesemaker
- 4799-17 Confectioner
- 4799-91 Apprentice, Other Food Trades
Apprentice Buttermaker (s)
Apprentice Cheesemaker (s)
Apprentice Confectioner (s)
- 4799-93 Trainee Miller

MINOR GROUP 48

AMENITY HORTICULTURAL TRADESPERSONS

AMENITY HORTICULTURAL TRADESPERSONS propagate and nurture plants, and establish and maintain gardens and surfaces on which sports are played.

Occupations in this minor group have a level of skill commensurate with a 4 year trade certificate, usually obtained by apprenticeship.

Tasks performed by Amenity Horticultural Tradespersons typically include preparing soil for planting; planting seeds, propagating plants by budding or grafting, and transplanting seedlings; fertilising soil at regular intervals; operating irrigation systems to water plants and turf; removing pests, weeds and garden debris, and treating diseased plants; maintaining turf or synthetic surfaces, and repairing or replacing damaged sections; preparing plants for sale in nurseries, and turf for sporting events; planning and constructing domestic garden and other landscapes; and recording dates and other details of plantings, yields and treatments.

Landscape Architects are excluded from this minor group because they are concerned solely with the design rather than the construction of landscapes. They are located in Unit Group 2201, Architects and Landscape Architects.

Occupations in this minor group are classified into the following unit groups:

4801 NURSERYMEN/WOMEN

4803 GREENKEEPERS

4805 GARDENERS

4801 NURSERYMEN/WOMEN

NURSERYMEN/WOMEN propagate and nurture trees, shrubs, ornamental and flowering plants in a plant nursery. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- preparing potting media or containers for planting
- selecting and planting seeds, bulbs or cuttings and propagating plants by budding and grafting
- recording soil mixtures, plantings, treatments, losses and yields
- watering plants and controlling automatic watering operations
- controlling pests, diseases, weeds and nutritional and environmental plant disorders
- selecting and packaging plants for presentation and delivery

OCCUPATIONS

- 4801-01 Supervisor, Nurserymen/women
Supervisor, Plant Nursery (s)
- 4801-11 Nurseryman/woman
Plant Propagator (a)
- 4801-91 Apprentice Nurseryman/woman

4803 GREENKEEPERS

GREENKEEPERS establish fine turf and lawns and maintain grassed or synthetic surfaces used for sport. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- mowing, rolling and levelling turf using hand or power driven equipment
- installing, maintaining and operating irrigation and drainage systems
- repairing green damage and controlling pests, diseases and weeds
- installing nets, posts and stumps, marking out lines and logos to prepare ground for play

OCCUPATIONS

- 4803-01 Head Greenkeeper
Head Groundsman/woman (a)
Golf Course Superintendent (s)
Sporting Facility Curator (s)
- 4803-11 Greenkeeper
Groundsman/woman (a)
- 4803-91 Apprentice Greenkeeper

4805 GARDENERS

GARDENERS cultivate and maintain plants, plan and construct gardens, landscapes, inspect and treat plants to improve their health and appearance. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate or a 3 year diploma in landscape gardening. Up to 1 year on-the-job training is usual for Tree Surgeons.

TASKS Include:

- drawing and interpreting plans and preparing landscape construction schedules
- estimating and ordering landscaping materials
- planting and transplanting lawns, flowers, shrubs and trees
- mowing lawns using hand or power driven mowers
- pruning, fertilising and watering plants and controlling pests and diseases
- constructing garden features and facilities
- felling trees and lopping limbs using chain or hand saws
- treating damaged or diseased trees with protective materials

OCCUPATIONS

- 4805-01 Head Gardener**
Supervisor, Landscape Gardeners (s)
- 4805-11 Gardener (General)**
- 4805-13 Landscape Gardener**
Landscape Horticulturist (s)
- 4805-15 Tree Surgeon**
Arboriculturist (a)
Tree Doctor (a)
- 4805-91 Apprentice Gardener**
Apprentice Landscape Gardener (s)

MINOR GROUP 49 MISCELLANEOUS TRADESPERSONS

This residual minor group covers occupations in Major Group 4, Tradespersons, which are not included in Minor Groups 41-48 above.

Occupations in this minor group are classified into the following unit groups:

- 4901 WOOD MACHINISTS AND TURNERS
- 4903 CABINETMAKERS
- 4905 OTHER WOOD TRADESPERSONS
- 4907 MARINE CONSTRUCTION TRADESPERSONS
- 4909 BLASTING TRADESPERSONS
- 4911 GARMENT TRADESPERSONS
- 4913 UPHOLSTERERS AND BEDDING TRADESPERSONS
- 4915 SHOEMAKING AND REPAIRING TRADESPERSONS
- 4917 OTHER LEATHER AND CANVAS TRADESPERSONS
- 4919 FLOOR COVERERS
- 4921 GLASS TRADESPERSONS
- 4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS
- 4925 CRAFTWORKERS
- 4927 HAIRDRESSERS
- 4929 SHEEP SHEARERS
- 4931 ANIMAL TRAINERS
- 4999 OTHER TRADESPERSONS

4901 WOOD MACHINISTS AND TURNERS

WOOD MACHINISTS AND TURNERS set up and operate woodworking machines and wood turning lathes to shape wood stock. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. For Wood Machinists (B-Grade) and Wood Machinists (C-Grade) 6-12 months and 1-2 months on-the-job training respectively is usual.

TASKS include:

- determining job requirements from drawings, specifications, work orders or sample parts
- installing selected cutting edge or drill bit in woodworking machine
- installing guides, fixtures or jigs to table or bed of machine, adjusting angle and height of table and adjusting feed rollers to control movement of workpiece
- operating machine to cut, plane, shape and sand workpiece
- positioning wood stock in wood turning lathe, and adjusting turning speed of lathe
- placing selected chisel in contact with rotating wood stock to cut and shape workpiece

OCCUPATIONS

- 4901-D1 Supervisor, Wood Machinists and Turners

- 4901-11 Wood Machinist (A-Grade)
Automatic Profile Sander Operator (s)
Copy Lathe Operator (s)
Double-End Tenoner Operator (s)
Edge Bander Operator (s)
Jig Maker (Wood) (s)
Panel Saw Operator (s)
Program Router Cutter (s)
Woodworking Machine Setter (s)
- 4901-13 Wood Turner
Wood Turning Lathe Operator (s)
- 4901-15 Wood Machinist (B-Grade)
- 4901-17 Wood Machinist (C-Grade)
- 4901-91 Apprentice Wood Machinist
- 4901-93 Apprentice Wood Turner

4903 CABINETMAKERS

CABINETMAKERS fabricate and assemble wooden parts to make and repair furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

GROUP DEFINITIONS

TASKS include:

- determining job requirements from drawings or other specifications and selecting wood and/or prepared furniture parts
- marking out, cutting and shaping wood using saws, chisels, planes, powered hand tools and woodworking machines to form furniture parts
- fitting parts together to form sections of furniture using glue, clamps, nails, dowels or screws
- assembling sections of furniture to form completed article
- fitting hinges, locks, catches, drawers and shelves
- repairing damaged furniture and cabinet

OCCUPATIONS

4903-01 Supervisor, Cabinetmakers

4903-11 Cabinetmaker
Antique Furniture Reproducer (s)
Antique Furniture Restorer (s)
Chairmaker (s)
Coffin Maker (s)
Couchmaker (s)
Custom Furniture Maker (s)

4903-91 Apprentice Cabinetmaker

4905 OTHER WOOD TRADESPERSONS

OTHER WOOD TRADESPERSONS carve designs in wood, apply finishes to furniture, make picture frames, models or barrels from wood or make cane furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- carving ornamental designs in wood for furniture, panelling and other decorative purposes using gauges, knives, chisels and mallet or other hand tools and woodworking machines
- cutting out and assembling mouldings to make picture frames using hand and power tools
- assembling wooden staves to make barrels, casks and vats using metal or wooden hoops, tressing machines and hand tools
- preparing furniture for finishing or refinishing using solvents and abrasive materials
- applying stains, varnish, paint and other finishes to furniture, and polishing and waxing surfaces
- constructing full size or scale models of production line items using measuring instruments and woodworking tools and machines
- shaping and joining cane rods and weaving cane around structure to make furniture using clamps, shaping device, hand tools and fasteners

OCCUPATIONS

4905-01 Supervisor, Other Wood Tradespersons
Supervisor, Cane Furniture Makers (s)
Supervisor, Coopers (s)
Supervisor, Furniture Finishers (s)
Supervisor, Picture Framers (s)
Supervisor, Wood Carvers (s)

4905-11 Wood Carver

TRADESPERSONS

4905-13 Picture Framers
Picture Frame Maker (s)

4905-15 Cooper

4905-17 Cane Furniture Maker

4905-19 Furniture Finisher
Furniture Polisher (s)
French Polisher (s)

4905-21 Model Maker

4905-91 Apprentice, Other Wood Trades
Apprentice Cane Furniture Maker (s)
Apprentice Cooper (s)
Apprentice Furniture Finisher (s)
Apprentice Model Maker (s)
Apprentice Picture Framers (s)
Apprentice Wood Carver (s)

4907 MARINE CONSTRUCTION TRADESPERSONS

MARINE CONSTRUCTION TRADESPERSONS fabricate, install and repair structural sections and components of ships and boats. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- constructing templates of ship or boat parts to be fabricated
- marking lines and reference points on dry dock, slipway or layout floor and on material used for fabrication of boat parts
- preparing slipway for construction of ship or boat
- assembling shell of boat or erecting hull sections of ship and temporarily securing them
- building and/or installing masts, booms, decking and other structures and fittings
- repairing, or removing and replacing, damaged plating and other faulty units, fittings and accessories

OCCUPATIONS

4907-01 Supervisor, Marine Construction Tradespersons

4907-11 Shipwright
Loftman/woman (Marine) (s)
Metal Liner-off (s)
Ship's Carpenter (s)

4907-13 Boat Builder and Repairer

4907-91 Apprentice Marine Construction Tradesperson
Apprentice Boatbuilder (s)
Apprentice Ship's Carpenter (s)
Apprentice Shipwright (s)

TRADESPERSONS

4909 BLASTING TRADESPERSONS

BLASTING TRADESPERSONS assemble, position and detonate explosives. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a vocational certificate and 2-3 years previous experience as a Labourer in a related occupation. 6-12 months on-the-job training is usual. Authorities issue shot-firer's and explosives handling licences.

TASKS include:

- positioning explosives in bore holes and priming, or directing other workers to prime, explosives using detonators and explosive cartridges
- connecting wire, fuse or detonating cord to explosive cartridge and detonator and wire to electric detonator
- filling and tamping holes with rock dust, sand or other materials
- firing electric detonator or lighting fuse to detonate explosives
- inspecting blasting area before and after explosion to ensure safety
- removing material broken by explosion from areas of underground mine inaccessible to high production equipment

OCCUPATIONS

4909-01 Supervisor, Blasting Tradespersons

4909-11 Shot-firer
Blaster (s)
Powder Monkey (s)
Seismograph Shooter (s)

4909-13 Stope Miner

4911 GARMENT TRADESPERSONS

GARMENT TRADESPERSONS prepare patterns and materials for the making of garments and make garments, including fur garments and hats. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate or a 2 year certificate in fashion. Some occupations also require 1-4 years previous experience in a related area.

TASKS include:

- drafting master patterns of garments from sketches, sample articles or design specifications
- cutting out patterns for a range of garment sizes using drafting instruments, scissors or perforating machines
- cutting out parts of garment, hat or fur, according to pattern using portable electric cutter, hand shears or fur cutting knife to cut through layers
- sewing fabric or fur parts together and sewing buttonholes using needle and thread or sewing machine
- attaching buttons and other fasteners
- making hats by shaping, wiring, sewing, gluing and blocking material using needle and thread, sewing

machine, steamer and hand iron.

- measuring customer's size and drafting original pattern or altering existing pattern of garment to fit customer

OCCUPATIONS

4911-01 Supervisor, Garment Tradespersons
Supervisor, Dressmakers (s)
Supervisor, Furriers (s)
Supervisor, Tailors (s)
Wardrobe Co-ordinator (s)

4911-11 Tailor

4911-13 Dressmaker
Seamstress (s)
Apparel Sample Hand (s)
Wardrobe Assistant (s)

4911-15 Apparel Cutter

4911-17 Furrier
Fur Cutter (s)
Fur Matcher (s)

4911-19 Patternmaker-Grader (Textiles)

4911-21 Hat Maker
Milliner (s)

4911-91 Apprentice Garment Tradesperson
Apprentice Tailor (s)

RELATED OCCUPATIONS

4913 Upholsterers and Bedding Tradespersons
4917 Other Leather and Canvas Tradespersons

4913 UPHOLSTERERS AND BEDDING TRADESPERSONS

UPHOLSTERERS AND BEDDING TRADESPERSONS cover furniture and bed spring units with fabric or other material and repair furniture. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- measuring and cutting covering material for furniture using measuring tape and scissors or shears
- joining sections of covering material and seaming cushions using sewing machines
- tacking covering material onto furniture frame
- tacking, gluing or sewing ornamental trim, braids and buttons to material or frame
- fabricating bed springs using coiling machine
- forming frame using machine to shape edge wire
- attaching springs to frame using fastening gun
- stapling spring unit to box frame
- encasing bed spring unit and padding with selected covering material using staple gun or closing machine
- replacing covering, webbing, padding and springs to repair upholstered furniture

GROUP DEFINITIONS

TRADESPERSONS

OCCUPATIONS

- 4913-01 Supervisor, Upholsterers and Bedding Tradespersons
- 4913-11 Furniture Upholsterer
- 4913-13 Bedding and Mattress Maker
- 4913-91 Apprentice Upholsterer and Bedding Tradesperson

4915 SHOEMAKING AND REPAIRING TRADESPERSONS

SHOEMAKING AND REPAIRING TRADESPERSONS cut out, shape and join parts of shoes and repair shoes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- cutting shoe parts from leather or other material using knife, scissors or machine which stamps die onto material
- joining, decorating and reinforcing shoe parts using single, double or multiple stitching machine
- stretching upper part of footwear over last using machine or lasting tool to shape upper part
- joining upper to insole using tacking device or adhesive
- sewing edge on insole
- sewing or cementing outer sole to edge
- trimming and buffing shoe using knife and buffing wheel
- applying dye to shoe
- polishing shoe using rotating power brush
- repairing or refinishing shoes

OCCUPATIONS

- 4915-01 Supervisor, Shoemaking and Repairing Tradespersons
- 4915-11 Shoemaker
Bespoke Shoemaker (s)
Clicker (s)
Lester (s)
Surgical Shoemaker (s)
- 4915-13 Shoe Repairer
- 4915-91 Apprentice Shoemaker and Repairer
Apprentice Clicker (s)

4917 OTHER LEATHER AND CANVAS TRADESPERSONS

OTHER LEATHER AND CANVAS TRADESPERSONS make and repair products made from leather or canvas and similar materials or prepare sailcloth for sewing. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- marking out and cutting sailcloth or canvas and similar materials from pattern using hand shears or power cutters
- joining parts of leather articles using rivets, handsewing, tools, sewing machine or adhesive
- dyeing, staining and polishing leather articles
- sewing sections of canvas and similar materials together to make awnings, tents, tarpaulins, horse rugs, caravan annexes or other products using sewing machine
- punching holes in canvas and similar materials using mallet and punch and attaching grommets, metal fittings and fastenings to product by machine or hand sewing
- calculating dimensions of sail and allowances for hemming and stretching using sail calculation tables and sail specification computer card
- drawing full size pattern of sail and supervising final sewing of sail

OCCUPATIONS

- 4917-01 Supervisor, Other Leather and Canvas Tradespersons
- 4917-11 Leather Goods Maker
Saddler (s)
- 4917-13 Canvas Goods Maker
- 4917-15 Sailmaker
- 4917-91 Apprentice, Other Leather and Canvas Trades
Apprentice Canvas Goods Maker (s)
Apprentice Leather Goods Maker (s)
Apprentice Sailmaker (s)

4919 FLOOR COVERERS

FLOOR COVERERS install carpet, linoleum, vinyl, cork tiles and other floor coverings, except ceramic tiles, slate and stone. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS include:

- examining area to be covered to ensure that floor is firm, dry and clean
- measuring and marking off area with layout
- fixing underlays of hardboard sheets, rubber or felt
- laying covering material over floor
- cutting shapes around permanent obstructions, matching adjacent patterns and trimming edges
- removing baseboard moulding trim to install edges of coverings

OCCUPATIONS

- 4919-01 Supervisor, Floor Coverers
Supervisor, Carpet Layers (s)

TRADESPERSONS

4919-11 Floor Coverer
Carpet Layer (s)
Floor Finisher (s)

4919-91 Apprentice Floor Coverer

4921 GLASS TRADESPERSONS

GLASS TRADESPERSONS cut, finish and install glass panes. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS Include:

- scoring glass surface using cutting tool
- breaking glass along scored line using notched tool or glass pliers
- fitting and installing glass panes and mirrors and assembling prefabricated glass units
- blowing through pipe to inflate gob of molten glass
- rotating pipe while blowing to attain shape and size of glass object
- joining tubing or extending parts of object by reheating using specialised hand tools

OCCUPATIONS

4921-01 Supervisor, Glass Tradespersons

4921-11 Flat Glass Tradesperson
Glass Beveller (s)
Glass Cutter (s)
Glass Embosser (s)
Glass Etcher (s)
Glass Silverer (s)
Glazier (s)

4921-13 Glass Blower
Glass Bender (s)
Glass Blowing Lathe Operator (s)

4921-91 Apprentice Flat Glass Tradesperson

4921-93 Trainee Glass Blower

4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS

JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS make fashion or industrial jewels from rough gemstones and make and repair precious metal and complete jewellery articles using precision hand and power tools. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate.

TASKS Include:

- studying rough stone using magnifying glass and marking out cutting guidelines
- cleaning stone, securing in jig, operating lathe, grinding wheel or rotating disc to shape and smooth surface and cut facets

- cutting blanks from metal sheet
- shaping blanks by annealing, heating or spinning on spinning lathe
- preparing wax mould for article or metal mounting and pouring molten metal into mould
- assembling jewellery by soldering, brazing, rivetting or bolting, and finishing by filing or buffing
- checking article against specifications using precision measuring instruments
- repairing jewellery and worn metalware by soldering, replacing or remaking damaged parts, annealing or heating

OCCUPATIONS

4923-01 Supervisor, Jewellery and Precious Metalware Tradespersons

4923-11 Jeweller
Gem Setter (s)
Ring Maker (s)

4923-13 Gem Cutter and Polisher
Diamond Cutter (s)
Faceter (s)
Lapidary (s)
Opal Polisher (s)

4923-15 Precious Metal Smith
Goldsmith (s)
Silversmith (s)

4923-91 Apprentice Jewellery and Precious Metalware Tradesperson
Apprentice Diamond Cutter (s)
Apprentice Jeweller (s)
Apprentice Silversmith (s)

RELATED OCCUPATIONS

4213-13 Watch and Clock Maker and Repairer

4925 CRAFTWORKERS

CRAFTWORKERS make, maintain and repair objects which have both functional and aesthetic qualities. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year vocational certificate.

TASKS Include:

- designing style and shape of object to meet both functional and aesthetic requirements
- manipulating materials to make objects according to design
- finishing object to impart aesthetic qualities
- maintaining objects to ensure they are in working order
- repairing damaged or defective craft objects

OCCUPATIONS

4925-01 Supervisor, Craftworkers
Supervisor, Musical Instrument Makers and Repairers (s)
Supervisor, Potters (s)

4925-11 Piano Tuner

4925-13 Potter

GROUP DEFINITIONS

4925-91 Apprentice Craftworker
Apprentice Musical Instrument Maker and Repairer (s)
Apprentice Piano Tuner (s)
Apprentice Potter (s)

4925-99 Craftworkers nec
Leadlighter (s)
Musical Instrument Maker (s)
Stringed Instrument Repairer (s)

4927 HAIRDRESSERS

HAIRDRESSERS cut, style and treat hair. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a trade certificate. Authorities issue licences for certain types of work.

TASKS include:

- discussing hair style with customer, taking into account customer's requirements
- cutting hair using scissors, razor or electric clippers
- washing, tinting, streaking, permanent-waving hair and applying conditioner or other treatments
- styling or straightening hair using brush, comb, rollers, clips, curling iron and blow dryer
- arranging appointments
- collecting payments
- cleaning work area and instruments

OCCUPATIONS

4927-01 Supervisor, Hairdressers

4927-11 Hairdresser
Barber (s)

4927-91 Apprentice Hairdresser

4929 SHEEP SHEARERS

SHEEP SHEARERS shear wool from sheep using either mechanically driven handpiece or blade shears, and maintain and repair shearing equipment. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 2 years previous experience as a Shearing Shed Hand. 6 months on-the-job training is usual.

TASKS include:

- inspecting and lubricating equipment and ensuring that shearers' stands are fully equipped
- removing sheep from catching pen
- selecting shearing comb to suit sheep type
- shearing sheep closely avoiding cuts to skin of animal or to wool
- removing fleece in one piece for picking up and handling

TRADESPERSONS

- treating cuts and returning sheep to release pen

OCCUPATIONS

4929-01 Overseer, Shearing Shed
Shearing Contractor (s)

4929-03 Shearing Shed Expert

4929-11 Shearer

4931 ANIMAL TRAINERS

ANIMAL TRAINERS direct and participate in the breaking and training of horses for riding or racing, the training of dogs for racing or guiding the blind, and training other animals to perform for public entertainment.

SKILL LEVEL

The entry requirement for Dog and Horse Trainers is a 1-2 year certificate in Animal Handling and 3-4 years experience as a Stable Hand or Animal Attendant. The entry requirement for Horse Breaker is 2-3 years experience as a Stockman.

TASKS include:

- planning and supervising training schedule
- feeding, grooming and exercising animals or supervising other workers in the performance of these duties
- examining and treating animals for minor illnesses or injuries
- bridling, saddling and accustoming race horses to reins and rider
- harnessing and hitching harness racing horses and teaching them to pull sulkies

OCCUPATIONS

4931-11 Horse Breaker

4931-99 Animal Trainers nec
Dog Trainer (s)
Horse Trainer (s)

4999 OTHER TRADESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 49, Miscellaneous Tradespersons.

OCCUPATIONS

4999-01 Supervisor, Other Tradespersons

4999-11 Dental Technician
Dental Mechanic (s)
Dental Prosthetist (s)
Orthodontic Technician (s)

4999-13 Optical Mechanic
Ophthalmic Lens Surfer and Fitter (s)
Optical Technician (s)
Optical Dispenser (s)

4999-15 Stonemason
Monumental Mason (s)
Stone Fixer (s)

TRADESPERSONS

GROUP DEFINITIONS

- 4999-17 Motion Picture Projectionist
- 4999-19 Saturation Technician
- 4999-21 Offshore Diver
 - Clearance Diver (s)
 - Saturation Diver (s)
- 4999-23 Onshore Diver
 - Shallow Water Diver (s)
 - Abalone Diver (s)
 - Pearl Diver (s)
 - Police Diver (s)
- 4999-25 Florist
- 4999-27 Aircraft Safety Equipment Worker
 - Parachute Rigger (s)
- 4999-29 Military Explosives Technician
 - Ammunition Technician (s)
 - Armament Fitter (s)
 - Armament Mechanic (s)
 - Explosive Ordnance Demolition Technician (s)
- 4999-91 Apprentice, Other Trades
 - Apprentice Dental Mechanic (s)
 - Apprentice Florist (s)
 - Apprentice Optical Mechanic (s)
 - Apprentice Stonemason (s)
- 4999-99 Tradespersons nec
 - Chainsaw Mechanic (s)

MAJOR GROUP 5**CLERKS**

CLERKS gather, record, order, transform, store and transmit information on paper or electronic media. These tasks require moderate literacy and numeracy.

Occupations in this major group have a level of skill commensurate with Years 11-12 at secondary school and 6 months on-the-job training.

Tasks performed by Clerks typically include typing, stenography and other secretarial tasks; operating data processing and business machines and telephone switchboards; producing and recording financial and statistical information; sorting, classifying, filing and despatching mail and other documents; recording details of production, transportation, storage and purchase of goods; providing information to the public; collecting debts and charity payments; assisting teachers; and keeping personnel records.

Occupations in this major group are classified into the following minor groups:

- 51 STENOGRAPHERS AND TYPISTS**
- 52 DATA PROCESSING AND BUSINESS MACHINE OPERATORS**
- 53 NUMERICAL CLERKS**
- 54 FILING, SORTING AND COPYING CLERKS**
- 55 MATERIAL RECORDING AND DESPATCHING CLERKS**
- 56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS**
- 59 MISCELLANEOUS CLERKS**

MINOR GROUP 51 STENOGRAPHERS AND TYPISTS

STENOGRAPHERS AND TYPISTS produce printed documents using typewriters or word processing machines, take shorthand manually or by machine, and perform associated office duties for managerial staff.

Occupations in this minor group have a level of skill commensurate with a 1 year shorthand/typing certificate and 3 months on-the-job training.

Tasks performed by Stenographers and Typists typically include taking dictated correspondence and verbatim transcripts of meetings and legal proceedings in shorthand (manually or using a machine); typing correspondence, briefing notes, reports and other documents using typewriters, telex and word processing equipment; proofreading and correcting copy; editing and printing documents on word processors; receiving, distributing and preparing replies to less important correspondence; screening phone calls and visitors for managerial staff; arranging meetings and travel for managerial staff; and maintaining filing systems.

Occupations in this minor group are classified into the following unit groups:

- 5101 OFFICE SECRETARIES AND STENOGRAPHERS
- 5103 TYPISTS AND TYPIST-CLERKS
- 5105 WORD PROCESSING OPERATORS

5101 OFFICE SECRETARIES AND STENOGRAPHERS

OFFICE SECRETARIES AND STENOGRAPHERS perform various organisational and clerical tasks in support of management, including taking shorthand, typing and filing and make shorthand records of court and parliamentary proceedings either manually or by machine. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 1-2 year shorthand/typing certificate or a diploma in secretarial studies or court reporting.

TASKS include:

- taking dictation
- receiving and distributing incoming correspondence
- preparing and typing correspondence, briefing notes, memoranda and reports
- screening telephone calls and personal callers
- making appointments and travel arrangements
- maintaining a filing system
- taking shorthand transcripts of meetings, lectures, legal and parliamentary proceedings and reading out portions on request

OCCUPATIONS

- 5101-01 Supervisor, Office Secretaries and Stenographers
- 5101-11 Office Secretary
Personal Secretary (s)
Girl/Man Friday (s)
Legal Secretary (s)
Stenographic Secretary (s)
- 5101-13 Office Stenographer
Shorthand-Typist (s)

5101-15 Court and Hansard Reporter

5103 TYPISTS AND TYPIST-CLERKS

TYPISTS AND TYPIST-CLERKS copy written, typed or recorded material using typewriters and dictation equipment, and perform clerical tasks. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-12 month shorthand/typing certificate. 1-3 months on-the-job training is usual.

TASKS include:

- typing reports, letters, statistical tables and similar material, attending to layout
- proof-reading and correcting copy
- operating dictation equipment and typing recorded material heard through ear-phones
- filing records and reports
- sorting and distributing mail

OCCUPATIONS

- 5103-01 Supervisor, Typists and Typist-Clerks
- 5103-11 Typist-Clerk
- 5103-13 Typist
Dictatypist (s)

5105 WORD PROCESSING OPERATORS

WORD PROCESSING OPERATORS type and edit documents on a word processing machine and print copies. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3-12 month shorthand/typing certificate. 3-6 months on-the-job training is usual.

TASKS Include:

- typing standard letters, business forms and other documents into word processing machine
- planning proposed layout and format, or following same if pre-set
- altering, rearranging and editing recorded data
- operating associated printer

OCCUPATIONS

5105-01 Supervisor, Word Processing Operators

5105-11 Word Processing Operator

MINOR GROUP 52

DATA PROCESSING AND BUSINESS MACHINE OPERATORS

DATA PROCESSING AND BUSINESS MACHINE OPERATORS operate electronic data processing and business machines to record, process, transmit and extract data and perform mathematical calculations.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-6 months on-the-job training.

Tasks performed by Data Processing and Business Machine Operators typically include sorting documents containing information to be entered on computers and business machines; entering, verifying, editing and retrieving data using keyboards; operating business machines to perform mathematical calculations; transmitting and receiving messages and facsimiles of documents; and keeping records of calculations, and of transmissions made and received.

Occupations in this minor group are classified into the following unit groups:

5201 DATA PROCESSING MACHINE OPERATORS

5203 BUSINESS MACHINE OPERATORS

5201 DATA PROCESSING MACHINE OPERATORS

DATA PROCESSING MACHINE OPERATORS operate electronic equipment for data entry, processing and transmission. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-6 months on-the-job training is usual.

TASKS include:

- transcribing data from source material onto computer compatible storage devices
- selecting mode of computer operations, loading input and output units and scheduling computer job flow to process data
- entering, editing and retrieving data on mainframe or other computers using keyboard
- correcting entered and transcribed data on visual display unit
- transmitting and receiving messages and facsimiles of documents, using electronic transmission equipment

OCCUPATIONS

- 5201-01 Supervisor, Data Processing Machine Operators
Electronic Mail Controller (s)
- 5201-11 Computer Operator
Computer Console Operator (s)
- 5201-13 Data Entry Operator
Data Processing Operator (a)
Keyboard Operator-Assembler (a)
Remote Computer Terminal Operator (s)
Verifier Operator (s)
Visual Display Unit Operator (s)
- 5201-15 Data Transceiver Operator
Electronic Mail Operator (s)
- 5201-99 Data Processing Machine Operators nec

Cryptographic Machine Operator (s)

RELATED OCCUPATIONS

- 2805-13 Graphic Designer
4501-11 Composer
5999-15 Classified Advertising Clerk

5203 BUSINESS MACHINE OPERATORS

BUSINESS MACHINE OPERATORS record and compute data using office business machines. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-2 months on-the-job training is usual.

TASKS include:

- sorting documents containing information to be entered
- performing mathematical calculations using accounting machine, calculator or other business machine
- recording results of mathematical calculations on forms or documents
- verifying entries and balances
- preparing periodic trial balances and other statistical information

OCCUPATIONS

- 5203-01 Supervisor, Business Machine Operators
Supervisor, Bookkeeping Machine Operators (s)
- 5203-11 Business Machine Operator
Accounting Machinist (s)
Comptometrist (s)
Ledger Machinist (s)

MINOR GROUP 53 **NUMERICAL CLERKS**

NUMERICAL CLERKS compile and record financial and statistical information for management, and process documents relating to financial transactions.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 2-12 months on-the-job training.

Tasks performed by Numerical Clerks typically include recording and verifying summaries of financial transactions and operation costs; preparing reports of accounting activities for management; processing loan and insurance applications and claims, and accounts payable and receivable; despatching notices of insurance premiums and other payments due; advising policy and account holders on technical matters; calculating wages and salaries; and compiling tables, charts and graphs of statistical information.

Occupations in this minor group are classified into the following unit groups:

- 5301 ACCOUNTING CLERKS**
- 5303 INSURANCE AND BROKING CLERKS**
- 5305 STATISTICAL AND ACTUARIAL CLERKS**

5301 ACCOUNTING CLERKS

ACCOUNTING CLERKS record financial information for management. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for some occupations in this unit group is a 2 year para-professional certificate; previous experience of 2-5 years in clerical or banking duties may also be required for some occupations. 1-12 months on-the-job training is usual.

TASKS include:

- recording and compiling summaries of financial transactions, wage and salary deductions and variations, and operation and production costs
- processing loan applications, accounts payable and accounts receivable
- calculating wages and salaries from payroll records, payments received, expenditure and standard costs
- verifying recorded transactions and reporting irregularities to management
- preparing reports of accounting activities, financial statements and customer's credit rating
- compiling and distributing wages and salaries

OCCUPATIONS

- 5301-01 Supervisor, Accounting Clerks**
Supervisor, Payroll Clerks (s)
- 5301-11 Bookkeeper**
- 5301-13 Accounts Clerk**
Audit Clerk (s)
Claims Clerk (s)
Investment Accounting Clerk (s)
Invoice Clerk (s)
Warranty Clerk (s)
- 5301-15 Payroll Clerk**
Pay Clerk (a)
Paymaster/mistress (s)

- 5301-17 Branch Accountant (Financial Institution)**
Bank Accountant (s)

- 5301-19 Credit Officer**
Loans Clerk (s)
Loans Officer (s)

- 5301-21 Cost Clerk**

RELATED OCCUPATIONS

- 1301 Finance Managers
- 2701 Accountants
- 6401 Tellers

5303 INSURANCE AND BROKING CLERKS

INSURANCE AND BROKING CLERKS record insurance and stockbroking transactions, and process related documents. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for some occupations in this unit group is a 2 year para-professional certificate. 2-12 months on-the-job training is usual.

TASKS include:

- processing insurance applications, adjustments to insurance cover, standard endorsements and insurance claims
- despatching notices of premiums due and relevant forms concerning conservation or transfer of insurance
- advising agents or policy holders on technical matters relating to individual cases
- recording stock transfer documents received from clients or other stockbroking firms
- checking validity of documents and forwarding documents to company's share register
- claiming accruing dividends and new stock issues

CLERKS

GROUP DEFINITIONS

OCCUPATIONS

- 5303-01 Supervisor, Insurance and Broking Clerks
- 5303-11 Insurance Clerk
Health Insurance Assessor (s)
Superannuation Fund Clerk (s)
- 5303-13 Stockbroking Clerk
Scrip Clerk (Stockbroking) (s)

5305 STATISTICAL AND ACTUARIAL CLERKS

STATISTICAL AND ACTUARIAL CLERKS compile and tabulate statistical information. They may supervise the occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-12 months on-the-job training is usual.

TASKS include:

- calculating actuarial and other statistical data
- compiling tables, charts and graphs of statistical information from source materials and calculations
- updating relevant computer files
- preparing actuarial or statistical statutory returns

OCCUPATIONS

- 5305-01 Supervisor, Statistical and Actuarial Clerks
- 5305-11 Statistical Clerk
- 5305-13 Actuarial Clerk

MINOR GROUP 54 FILING, SORTING AND COPYING CLERKS

FILING, SORTING AND COPYING CLERKS arrange mail, documents and other items containing information into categories and copy information for storage and despatch.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-6 months on-the-job training.

Tasks performed by Filing, Sorting and Copying Clerks typically include sorting documents and mail and placing on appropriate files or shelves or in sorted bundles for delivery; maintaining registers of files, of items for filing, shelving or distribution, and of filed or shelved items; opening and closing files; retrieving items on request; issuing library items to borrowers and recording details; delivering items to despatch area; and operating photocopying or duplicating equipment to copy and collate documents in bulk quantities.

Occupations in this minor group are classified into the following unit groups:

5401 LIBRARY AND FILING CLERKS

5403 MAIL SORTERS

5499 OTHER FILING, SORTING AND COPYING CLERKS.

5401 LIBRARY AND FILING CLERKS

LIBRARY AND FILING CLERKS classify, sort and file publications, documents, correspondence and audio-visual material in libraries and offices. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-6 months on-the-job training is usual.

TASKS include:

- placing documents on files, and files in drawers
- sorting, cataloguing and maintaining index cards for library items, cards, correspondence, invoices, receipts and other materials according to established procedures and classification systems
- maintaining a register of materials for filing, shelving, storage or distribution
- locating and retrieving materials on request
- issuing library items to borrowers
- recording identification details, removal and return of materials
- labelling file covers and containers with correct code

OCCUPATIONS

5401-01 Supervisor, Library and Filing Clerks

5401-11 Library Assistant
Library Attendant (a)
Computer Tape Librarian (s)

5401-13 Filing Clerk
Registry Clerk (s)

RELATED OCCUPATIONS

2911 Librarians

5403 MAIL SORTERS

MAIL SORTERS receive, sort and despatch mail at sorting centres. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-3 months on-the-job training is usual.

TASKS include:

- receiving and checking incoming mail
- sorting and distributing mail according to categories and destination
- recording and processing registered and special articles
- wrapping, bundling and bagging mail
- transporting mail to dock area

OCCUPATIONS

5403-01 Supervisor, Mail Sorters
Overseer (Mails) (s)

5403-11 Mail Sorter

RELATED OCCUPATIONS

5605-13 Postman/woman

5499 OTHER FILING, SORTING AND COPYING CLERKS

This unit group covers occupations not elsewhere classified in Minor Group 54, Filing, Sorting and Copying Clerks.

SKILL LEVEL

The entry requirement for this unit group is

CLERKS

GROUP DEFINITIONS

completion of years 11-12 at secondary school. 1 month on-the-job training is usual.

OCCUPATIONS

5499-11 Other Filing, Sorting and Copying Clerks
Photocopying and Duplicating Clerk (s)

MINOR GROUP 55

MATERIAL RECORDING AND DESPATCHING CLERKS

MATERIAL RECORDING AND DESPATCHING CLERKS keep records of goods produced, transported, purchased and issued to staff, and of freight vehicles and destinations, to ensure that quotas are met and orders are filled correctly.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 3 months on-the-job training.

Tasks performed by Material Recording and Despatching Clerks typically include arranging and recording details of storage, despatch and shipment of goods; checking goods against inventories, invoices and orders; recording defects and damage in goods, and items missing; checking that schedules and production quotas are met and reporting problems; and ordering new supplies.

Occupations in this minor group are classified into the following unit groups:

- 5501 PRODUCTION RECORDING CLERKS**
- 5503 TRANSPORT RECORDING AND DESPATCHING CLERKS**
- 5505 STOCK AND PURCHASING CLERKS**

5501 PRODUCTION RECORDING CLERKS

PRODUCTION RECORDING CLERKS estimate production schedules and record work-flow and receipt, production, transfer and despatch of materials and products in manufacturing plants and other commercial establishments. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-12 months on-the-job training is usual.

TASKS include:

- examining orders and compiling data for production schedules
- checking inventories
- recording number and kind of defects, unsatisfactory materials and products
- signing tally sheets and attaching to checked items
- examining containers to ensure that they are filled to specified level and marking them for identification purposes
- checking attainment of production quotas
- maintaining production records and compiling reports

OCCUPATIONS

- 5501-01 Supervisor, Production Recording Clerks**
- 5501-11 Production Scheduling Clerk**
Schedule Clerk (a)
Programme Arranger (s)
Radio Traffic Scheduler (s)
- 5501-13 Production Tally Clerk**
Production Recorder (a)

5503 TRANSPORT RECORDING AND DESPATCHING CLERKS

TRANSPORT RECORDING AND DESPATCHING CLERKS check contents and compile and check documents of freight goods, tally and record consignments and destination details of articles and containers and make freight bookings and associated arrangements. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-3 months on-the-job training is usual.

TASKS include:

- recording numbers and details of articles as called out by wharf workers and signing tally sheets
- checking and recording defects or deficiencies of goods
- arranging distribution and despatch of goods received and notifying authorities or addressees of despatch
- preparing and checking documents, maintaining records of receipts and despatches
- checking availability of cargo space and arranging bookings on behalf of customers
- notifying addressees of shipment details and clearance requirements and authorising collection of cargo from the dock
- maintaining records of import and export transactions

OCCUPATIONS

- 5503-01 Supervisor, Transport Recording and Despatching Clerks**
- 5503-11 Receiving and Despatching Clerk**
Freight Clerk (a)
Transport Clerk (a)
Aircraft Load Controller (s)
Circulation Representative (s)
Container Loading Clerk (s)

CLERKS

GROUP DEFINITIONS

Distribution Clerk (s)
Freight Traffic Controller (s)
Shipping Clerk (s)
Truck Despatcher (s)

5503-13 Import-Export Clerk
Bond Clerk (s)
Customs Agent (s)
Customs Clerk (s)
Wharf Tally Clerk (s)

5503-15 Radio Despatcher

5503-99 Transport Recording and Despatching
Clerks nec
Delivery Clerk (s)
Railway Number Taker (s)

RELATED OCCUPATIONS

8909-15 Wharf Labourer

5505 STOCK AND PURCHASING CLERKS

STOCK AND PURCHASING CLERKS prepare purchase orders, receive, store and issue stocks and maintain records. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3 months on-the-job training is usual.

TASKS include:

- assessing current stock to determine need for purchase order
- issuing supplies from stock
- preparing inventories and requisitioning material
- checking supply invoices against purchase orders
- compiling reports on stock-handling equipment, adjustments to inventories, spoilage or damage to stock, location changes or refusals of shipments
- pricing goods or estimating costs
- storing or shelving articles

OCCUPATIONS

5505-01 Supervisor, Stock and Purchasing Clerks

5505-11 Stock Clerk
Stores Clerk (s)
Inventory Clerk (s)
Supply Clerk (s)

5505-13 Purchasing Clerk
Procurement Clerk (s)

5505-15 Order Clerk
Mail Order Clerk (s)

RELATED OCCUPATIONS

3913 Procurement Officers

MINOR GROUP 56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS

RECEPTIONISTS, TELEPHONISTS AND MESSENGERS facilitate communication and contact between parties by delivering postal items and messages, establishing telephone connections and arranging access to the personnel and facilities of an establishment.

Occupations in this minor group have a level of skill commensurate with Years 11-12 at secondary school and 1-12 months on-the-job training.

Tasks performed by Receptionists, Telephonists and Messengers typically include answering inquiries from, and providing information about the establishment's facilities and services, to customers, clients, guests and patients at reception, inquiry and admission desks or over the telephone; arranging appointments for clients, registering guests, booking and connecting domestic and international telephone calls; reporting difficulties experienced by users of services to technical staff; alerting emergency services on behalf of callers; and delivering mail, other documents and messages.

Occupations in this minor group are classified into the following unit groups:

5601 RECEPTIONISTS AND INFORMATION CLERKS

5603 TELEPHONISTS

5605 MESSENGERS AND DELIVERY OFFICERS

5601 RECEPTIONISTS AND INFORMATION CLERKS

RECEPTIONISTS AND INFORMATION CLERKS provide information on the services or goods offered by the establishment and arrange for the public to use such services and goods.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1-12 months on-the-job training is usual.

TASKS include:

- answering inquiries and providing information on the services or goods offered by the establishment
- supplying information pamphlets, brochures, standard forms or hospital admission forms
- referring clients to appropriate expert or adviser
- directing customers to the location of required merchandise in retail establishments
- arranging appointments between employer and clients, customers or patients
- arranging registration of hotel or motel guests, or admission of hospital patients
- calculating accounts and forwarding accounts to hospital accounts department, or receiving payment for accounts from hotel or motel guests
- recording details of inquiries, appointments, reservations or hospital admissions
- distributing messages

OCCUPATIONS

5601-11 Receptionist
Appointments Clerk (s)

5601-13 Inquiry Clerk
Inquiry Officer (s)
Complaints Clerk (s)
Customer Service Officer (s)

Information Desk Clerk (s)

5601-15 Admissions Clerk
Hospital Admitting Clerk (s)
Hospital Ward Clerk (s)

5603 TELEPHONISTS

TELEPHONISTS operate public and private telephone switchboards to assist callers in establishing telephone connections and to relay incoming, outgoing and inter-office calls. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 3-10 weeks on-the-job training is usual.

TASKS include:

- operating switchboard to connect and disconnect telephone calls
- talking to callers to ascertain requirements and provide information on operating systems
- informing callers about phone numbers, dialling codes, national traffic levels, international costs and time delays
- alerting emergency services in cases of fire, crime or accident
- investigating nature and extent of problems in operating systems
- informing maintenance services of faults and informing callers about resulting service difficulties

OCCUPATIONS

5603-01 Supervisor, Telephonists

5603-11 Telephonist

Telephone Operator (s)
Manual Assistant (Telecom) (s)
Phonogram Operator (s)
Switchboard Operator (s)

5605 MESSENGERS AND DELIVERY OFFICERS

MESSENGERS AND DELIVERY OFFICERS deliver goods, documents, messages, mail and other items. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2 weeks to 18 months on-the-job training is usual. Relevant government departments may require postal delivery officers to be licensed.

TASKS Include:

- sorting items for delivery
- delivering mail, parcels, telegrams, documents and other items to customers or mail boxes
- collecting signatures and charges from customers
- receiving orders for deliveries from customers
- issuing and collecting receipts for pick-up and delivery items

OCCUPATIONS

5605-01 Supervisor, Messengers and Delivery Officers
Supervisor, Postmen/women (s)

5605-11 Messenger
Copy Boy/Girl (s)
Despatch Rider (Army) (s)

5605-13 Postman/woman

RELATED OCCUPATIONS

5403 Mail Sorters
5909-13 Postal Officer
7105-11 Delivery Driver

MINOR GROUP 59 MISCELLANEOUS CLERKS

This residual minor group covers all occupations in Major Group 5, Clerks which are not included in Minor Groups 51-56 above.

Occupations in this minor group are classified into the following unit groups:

- 5901 COLLECTION CLERKS
- 5903 TEACHERS' AIDES
- 5905 PERSONNEL CLERKS
- 5907 LEGAL AND RELATED CLERKS
- 5909 POSTAL CLERKS AND OFFICERS
- 5999 OTHER CLERKS

5901 COLLECTION CLERKS

COLLECTION CLERKS collect payments and perform clerical duties associated with debt collection.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school and 1-2 years clerical experience. 2 months on-the-job training is usual.

TASKS include:

- telephoning or writing to customers to collect money or arranging later payment
- checking lists and making enquiries to trace addresses of customers
- recommending legal action when payment cannot be otherwise obtained
- recording amounts collected, noting requirement for further action

OCCUPATIONS

- 5901-11 Debt Collector
Collection Agent (s)
- 5901-99 Collection Clerks nec
Charity Collection Clerk (s)

5903 TEACHERS' AIDES

TEACHERS' AIDES perform non-teaching and preparatory duties to assist teaching staff in schools.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- preparing stencils and duplicates and collating copies
- distributing and collecting lesson material
- maintaining records of distribution of materials
- administering minor first aid

- assisting in controlling and caring for pupils at school functions and excursions
- preparing teaching aids and equipment
- ordering stocks and replenishing standard items

OCCUPATIONS

- 5903-11 Teachers' Aide
Teachers' Assistant (s)

5905 PERSONNEL CLERKS

PERSONNEL CLERKS advertise for, interview and assess the suitability of persons for employment with a particular organisation, and maintain personnel records of employees.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-6 months on-the-job training is usual.

TASKS include:

- preparing selection criteria and duty statements
- organising advertising, interviewing and staff selection
- interviewing applicants, recording details and notifying applicants of interview results
- establishing file on employment history and qualifications of applicants
- updating salary, superannuation, taxation and leave records and recording promotions and transfers
- informing supervisors/management and employees of events requiring action
- preparing rosters
- conducting correspondence and answering queries

OCCUPATIONS

- 5905-11 Personnel Records Clerk
Roster Clerk (s)
- 5905-13 Employment Office Clerk

CLERKS

GROUP DEFINITIONS

RELATED OCCUPATIONS

2705 Personnel Specialists
5301-15 Payroll Clerk

5907 LEGAL AND RELATED CLERKS

LEGAL AND RELATED CLERKS provide administrative support to legal professionals by performing clerical work associated with the functions of a court or legal practice.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 1 year on-the-job training is usual.

TASKS include:

- listing court actions, collecting moneys and maintaining court records
- issuing and filing court documents
- serving legal orders and documents
- repossessing property
- assisting solicitor in conveyancing, probate, common law and drafting of contracts
- advising staff and public on court procedures and rules

OCCUPATIONS

5907-11 Clerk of Court
Magistrate's Clerk (s)

5907-13 Law Clerk
Legal Clerk (a)
Conveyancing Clerk (s)
Title Searcher (s)

5907-15 Court Orderly
Court Attendant (a)
Court Usher (s)
Tipstaff (s)

5907-99 Legal and Related Clerks nec
Bailiff (s)
Sheriff (s)
Sheriff's Officer (s)
Trust Officer (s)

5909 POSTAL CLERKS AND OFFICERS

POSTAL CLERKS AND OFFICERS perform sorting, clerical and sales functions at post offices.

SKILL LEVEL

The entry requirement for this unit group is completion of years 11-12 at secondary school. 2-8 months on-the-job training is usual.

TASKS include:

- sorting mail for post office boxes and for despatch to mail centres
- selling stamps, postal goods and money orders over the counter
- maintaining records of counter and financial transactions including telephone account payments
- acting as savings bank agent

- checking records and compiling mail statistics
- accepting telegrams and registered mail

OCCUPATIONS

5909-11 Postal Clerk

5909-13 Postal Officer

RELATED OCCUPATIONS

5403 Mail Sorters
5605-13 Postman/woman
6401 Tellers

5999 OTHER CLERKS

This unit group covers occupations not elsewhere classified in Minor Group 59, Miscellaneous Clerks.

OCCUPATIONS

5999-11 Meter Reader
Meter Records Clerk (s)

5999-13 Proof Reader

5999-15 Classified Advertising Clerk

5999-17 Bookmaker's Clerk
Penciller (s)
Bagman/woman (s)

5999-19 Market Research Interviewer
Survey Interviewer (s)

5999-99 Clerks nec
Parking Inspector (s)
Stamp Classifier (s)

MAJOR GROUP 6

SALESPERSONS AND PERSONAL SERVICE WORKERS

SALESPERSONS AND PERSONAL SERVICE WORKERS sell financial and transportable commodities to retailers or directly to members of the public, sell real estate, and provide services in relation to finance, property, recreation and personal needs. These tasks require skills in interpersonal communication.

Most occupations in this major group have a level of skill commensurate with Year 10 at secondary school and 3 months on-the-job training. However, some require higher qualifications, and are included in this major group because their primary task is selling.

Tasks performed by Salespersons and Personal Service Workers typically include conducting financial market and banking transactions; selling and managing real estate; selling insurance; selling goods to retailers and members of the public; receiving payment for goods or services; and operating cash registers and computer terminals to complete financial transactions; serving food and drinks in bars, restaurants, aircraft, ships and trains; organising travel and accommodation; and providing basic nursing, child care and personal services in institutions or the home.

Occupations in this major group are classified into the following minor groups:

- 61 INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS**
- 62 SALES REPRESENTATIVES**
- 63 SALES ASSISTANTS**
- 64 TELLERS, CASHIERS AND TICKET SALESPERSONS**
- 65 MISCELLANEOUS SALESPERSONS**
- 66 PERSONAL SERVICE WORKERS**

MINOR GROUP 61

INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS sell insurance and real estate, conduct investment transactions involving securities, stocks and bonds for clients, and manage properties on behalf of clients.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, 1-5 years previous experience and 2 years on-the-job training.

Tasks performed by Investment, Insurance and Real Estate Salespersons typically include analysing market trends; discussing requirements with clients; informing clients about stocks, bonds, market conditions, prospects of particular corporations, insurance policies and benefits, terms of sale or conditions of lease; conducting financial market transactions on behalf of clients; soliciting custom; and locating, promoting, demonstrating, inspecting and managing properties for sale or lease.

Occupations in this minor group are classified into the following unit groups:

- 6101 SECURITIES AND FINANCE DEALERS
- 6103 INSURANCE BROKERS AND AGENTS
- 6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS
- 6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

6101 SECURITIES AND FINANCE DEALERS

SECURITIES AND FINANCE DEALERS conduct financial market transactions on behalf of clients or company and recommend transactions to clients or senior management.

SKILL LEVEL

The entry requirement for this unit group is a 3 year degree or diploma or, for stock exchange dealers, 3-5 years previous experience as a financial clerk. 6 months to 2 years on-the-job training is usual. Stock exchanges issue licences for member-dealers.

TASKS include:

- obtaining information on securities, market conditions, government regulations and financial circumstances of clients
- analysing market trends from securities reports, financial periodicals and stock quotation viewer screen
- informing prospective clients about stocks, bonds, market conditions and the history and prospects of corporations
- recording and transmitting buy or sell orders for stocks and bonds
- calculating costs of transactions
- negotiating purchase terms between borrowers and lenders
- supervising documentation and recording of financial transactions

OCCUPATIONS

- 6101-11 Stock Exchange Dealer
Investment Dealer (s)
Securities Dealer (s)
Trading Floor Operator (Stock Exchange)
(s)

- 6101-99 Securities and Finance Dealers nec
Corporate Finance Officer (s)
Foreign Exchange Dealer (s)
Futures Dealer (s)
Investment Adviser (s)
Money Market Dealer (s)
Properties Investment Manager (s)

RELATED OCCUPATIONS

- 1599-99 Stockbroking Firm Manager

6103 INSURANCE BROKERS AND AGENTS

INSURANCE BROKERS AND AGENTS sell a variety of insurance to new and existing clients and solicit custom from potential clients. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school and 1-2 years previous experience as a salesperson or clerk. 2-3 months on-the-job training is usual.

TASKS include:

- compiling lists of potential clients from directories and other sources
- explaining insurance policies, risks covered, and rates and benefits of policies to client
- analysing client's circumstances
- advising on type and amount of insurance cover

OCCUPATIONS

- 6103-01 Supervisor, Insurance Brokers and Agents

GROUP DEFINITIONS

SALESPERSONS AND PERSONAL SERVICE WORKERS

6103-11 Insurance Agent
Insurance Underwriter (s)
Life Assurance Representative (s)

6103-13 Insurance Broker

6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS

REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS arrange sale, purchase, rental and lease of real property.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 2 years on-the-job training is usual.

TASKS include:

- listing details of land or building for sale or rental and arranging advertising of properties
- assessing the needs of prospective buyers and tenants
- selecting suitable properties and conducting prospective buyers and tenants through them
- advising prospective buyers on terms of sale and

- prospective tenants on conditions of rent or lease
- arranging signing of lease agreements
- collecting rent and bond moneys
- inspecting properties before, during and after tenancies

OCCUPATIONS

6105-11 Real Estate Salesperson
Real Estate Sub-agent (s)
Real Estate Sales Representative (s)

6105-13 Real Estate Property Manager
Lessing Agent (s)

6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 61, Investment, Insurance and Real Estate Salespersons.

OCCUPATIONS

6199-11 Commodities Broker

6199-13 Valuer

MINOR GROUP 62 SALES REPRESENTATIVES

SALES REPRESENTATIVES promote and sell business services and manufacturers' and wholesalers' goods for resale or for use in other establishments.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, 1-3 years previous experience and 1-6 months on-the-job training. However, some require higher qualifications.

Tasks performed by Sales Representatives typically include studying new products; discussing requirements with customers; demonstrating products or services; advising customers on the product or service which best meets their needs; arranging for delivery of goods or provision of service; and soliciting custom from potential customers.

Sales Assistants are excluded from this minor group because they sell goods directly to members of the general public. They are located in Minor Group 63, Sales Assistants.

Occupations in this minor group are classified into the following unit group:

6201 SALES REPRESENTATIVES

6201 SALES REPRESENTATIVES

SALES REPRESENTATIVES represent companies for the sale of goods and services to industrial, business, professional or other establishments or for the sale of goods to wholesale or retail establishments.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school and 1-3 years previous experience in sales or in a product or service related area. However, some occupations require a higher qualification. 1-6 months on-the-job training is usual.

TASKS include:

- acquiring and updating knowledge of employer's and competitors' products and understanding of market conditions
- assessing customers' needs and explaining and demonstrating products or services to them
- quoting and negotiating prices and credit terms, preparing contracts and recording orders
- arranging for delivery of goods, installation of equipment and provision of services
- reporting to employer on sales made and marketability of products

OCCUPATIONS

- 6201-11 Sales Representative (Chemical Products)
 6201-13 Sales Representative (EDP Equipment)
 6201-15 Sales Representative (Medical, Dental and Veterinary Equipment)
 6201-17 Sales Representative (Electronic Equipment except EDP)

Sales Representative (Communications Equipment) (s)

6201-19 Sales Representative (Toys and Sporting Goods)

6201-21 Sales Representative (Business Services)
 Sales Representative (Advertising) (s)

6201-23 Sales Representative (Books and Paper Products)

6201-25 Sales Representative (Builders' Hardware)

6201-27 Sales Representative (Floor Coverings and Furniture)

6201-29 Sales Representative (Food, Drink and Tobacco Products)

6201-31 Sales Representative (Household Goods and Domestic Hardware)

6201-33 Sales Representative (Toiletries)

6201-35 Sales Representative (Pharmaceuticals)

6201-37 Sales Representative (Textiles, Clothing and Footwear)

6201-99 Sales Representatives nec
 Sales Representative (Jewellery and Watches) (s)
 Sales Representative (Musical Goods) (s)
 Sales Representative (Photographic Equipment and Supplies) (s)
 Sales Representative (Printing) (s)

RELATED OCCUPATIONS

- 5901-11 Debt Collector
 6105 Real Estate Salespersons and Property Managers

MINOR GROUP 63 SALES ASSISTANTS

SALES ASSISTANTS sell merchandise in retail or other establishments directly to members of the public.

Occupations in this minor group have a level of skill commensurate with Year 10 at secondary school and 1 month on-the-job training.

Tasks performed by Sales Assistants typically include arranging items on display; discussing with customers their requirements and preferences; informing customers of characteristics and prices of goods; receiving payment for goods; operating cash register and issuing receipts or dockets; wrapping and arranging delivery of purchased goods; and participating in regular stocktakes.

Sales Representatives are excluded from this minor group because they sell merchandise for resale or for use in client establishments rather than directly to members of the public. They are located in Minor Group 62, Sales Representatives. Ticket Salespersons are excluded because they receive payment for goods already selected (or for services) rather than assisting customers in their selection. They are located in Minor Group 64, Tellers, Cashiers and Ticket Salespersons. Service Counter Clerk, Rental Salesperson, and Service Station Attendant are excluded because they sell services rather than goods. They are located in Unit Group 6599, Other Salespersons.

Occupations in this minor group are classified into the following unit group:

6301 SALES ASSISTANTS

6301 SALES ASSISTANTS

SALES ASSISTANTS sell merchandise in a retail or wholesale establishment to members of the general public. They may supervise the occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1 month on-the-job training is usual.

TASKS include:

- advising customers on the selection, price, delivery, use and care of merchandise
- operating cash register and accepting payment, or preparing invoices or contracts
- packaging merchandise for customer
- stacking and displaying items for sale
- checking stock and participating in stock takes

OCCUPATIONS

- 6301-01 Supervisor, Sales Assistants
Sales Department Manager (s)
- 6301-11 Sales Assistant (Hardware and Gardening Supplies)
- 6301-13 Sales Assistant (Fabrics, Clothing and Footwear)
- 6301-15 Sales Assistant (Food and Drink Products)
Bottle Shop Attendant (s)
Canteen Assistant (s)

6301-17 Sales Assistant (Furniture, Floor Coverings and Household Goods)

6301-19 Sales Assistant (Caravans and Motor Vehicles)

6301-21 Sales Assistant (Stationery, Newspapers and Books)
Sales Assistant (Office Supplies) (s)

6301-23 Sales Assistant (Pharmaceutical Products and Toiletries)
Chemist Shop Assistant (s)

6301-25 Sales Assistant (Vehicle Parts and Accessories)
Automotive Parts Interpreter (s)
Sales Assistant (Tyres) (s)

6301-99 Sales Assistants nec
Sales Assistant (EDP and Office Equipment) (s)
Sales Assistant (Musical Equipment and Supplies) (s)
Sales Assistant (Photographic Equipment and Supplies) (s)
Sales Assistant (Sports Equipment and Toys) (s)
Sales Assistant (Watches and Jewellery) (s)

RELATED OCCUPATIONS

- 1501 Shop Managers
62 Sales Representatives
6501-15 Door-to-Door Salesperson
8999-27 Automotive Parts Recycler

MINOR GROUP 64 TELLERS, CASHIERS AND TICKET SALESPERSONS

TELLERS, CASHIERS AND TICKET SALESPERSONS conduct monetary transactions, receiving payment, wagers or deposits from customers in return for goods or services provided, and giving change, winnings, withdrawn savings, tickets or other receipts to customers.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school and 1-6 months on-the-job training. However, some require previous clerical experience.

Tasks performed by Tellers, Cashiers and Ticket Salespersons typically include receiving cash or cheques from customers, or conducting transactions on credit (including checking cardholder's identity and credit limit); operating cash register or computer terminal to process payment or deposit; verifying records to ensure that all details of the transaction are correct, including the amount of money exchanged; paying out money for change, withdrawals or winnings; issuing receipts or tickets; recording all transactions; counting money and tickets at the end of the shift; and providing information to enquiring customers about other services offered by the establishment.

Occupations in this minor group are classified into the following unit groups:

- 6401 TELLERS**
- 6403 CASHIERS**
- 6405 TICKET SALESPERSONS**

6401 TELLERS

TELLERS receive and pay out money in financial and commercial institutions. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 11-12 at secondary school and 6 months experience as a clerk. 2-6 months on-the-job training is usual.

TASKS include:

- receiving money or cheques
- verifying records and issuing receipts
- paying out money from customers' accounts
- crediting or debiting customers' accounts
- recording all daily or periodical transactions
- balancing cash and informing management of cash position
- operating computerised cash register or terminal

OCCUPATIONS

- 6401-01 Supervisor, Tellers**
- 6401-11 Teller**

6403 CASHIERS

CASHIERS receive cash, register payments, make payments and bank funds on behalf of retail stores or other organisations. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-4 weeks on-the-job training is usual.

TASKS include:

- checking goods purchased by customers
- operating a cash register
- receiving cash or credit card payment and issuing receipts
- processing payment received through mail
- counting and recording moneys received and checking against sales dockets or other documentation
- preparing petty cash disbursements
- arranging and conducting banking business

OCCUPATIONS

- 6403-01 Supervisor, Cashiers**
Checkout Supervisor (a)
- 6403-11 Checkout Operator**
Service Station Console Operator (s)
- 6403-13 Office Cashier**

6405 TICKET SALESPERSONS

TICKET SALESPERSONS collect fares, sell tickets and make reservations for travel, sporting or entertainment venues, or accept wagers and pay out minor winnings in lottery offices or betting shops.

GROUP DEFINITIONS

SALESPERSONS AND PERSONAL SERVICE WORKERS

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 2-4 weeks on-the-job training is usual.

TASKS include:

- receiving fares and issuing tickets, working either aboard a bus or tram or at a stop
- accounting for money and unsold tickets at end of shift
- checking available seating, services and timetables and making reservations over-the-counter or by telephone
- issuing tickets or receipts
- accepting wagers and issuing tickets
- paying out winning bets and minor lottery winnings

OCCUPATIONS

6405-11 Ticket Seller
Airline Traffic Officer (Passenger Services)
(s)
Booking Clerk (s)
Reservations Clerk (s)
TAB Clerk (s)

6405-13 Transport Conductor
Bus Conductor (s)
Train Conductor (s)
Tram Conductor (s)

MINOR GROUP 65 MISCELLANEOUS SALESPERSONS

MISCELLANEOUS SALESPERSONS perform tasks which involve the sale of goods and non-personal services, other than those sold by occupations in Minor Groups 61-64 above, to members of the public.

Most occupations in this minor group have a level of skill commensurate with Year 10 at secondary school, and 1-12 months on-the-job training. However, some require higher qualifications.

Tasks performed by Miscellaneous Salespersons typically include selling goods from vans or footpaths; buying goods for immediate resale to the public; mixing and selling drinks in bars and restaurants; serving food and drink to customers in restaurants; advising clients on travel options, tours and accommodation, and making bookings for them; auctioning items on behalf of owners; demonstrating products in retail establishments; and arranging and providing rental, motor vehicle driveway service and other non-personal services.

Occupations in this minor group are classified into the following unit groups:

- 6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS
- 6503 BAR ATTENDANTS
- 6505 WAITERS AND WAITRESSES
- 6507 TRAVEL AGENTS
- 6599 OTHER SALESPERSONS

6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS

STREET VENDORS, CANVASSERS AND SALES DRIVERS sell or buy merchandise at a set outdoor location or route or solicit orders and sell merchandise by telephone or door-to-door. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1 month on-the-job training is usual.

TASKS include:

- appraising items for sale, offering price and negotiating contract for collection
- displaying products or catalogue of products to customers or describing merchandise over the telephone
- receiving payment on the spot or arranging for delivery of goods and collection of payment
- stocking and driving van for door-to-door sales
- loading and unloading push-cart or truck to transport goods to street location

OCCUPATIONS

- 6501-01 Supervisor, Street Vendors, Canvassers and Sales Drivers
- 6501-11 Scrap Merchant
Scrap Materials Buyer (a)
Bottle Dealer (s)
- 6501-13 Cash Van Salesperson
Milk Vendor (s)
- 6501-15 Door-to-Door Salesperson

Canvasser (s)
Fund Raiser (s)

- 6501-17 Street Vendor
Newsboy/girl (s)

6503 BAR ATTENDANTS

BAR ATTENDANTS prepare and serve drinks to patrons in licensed drinking establishments, or behind bars in dining establishments. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 3 month basic vocational course.

TASKS include:

- taking orders for drinks at the bar
- pouring and mixing cocktails and other drinks
- operating a cash register
- receiving payment for drinks and snacks
- replenishing drink dispensers, shelves and refrigerators with new supplies
- washing used glassware
- cleaning the bar service area

OCCUPATIONS

- 6503-01 Supervisor, Bar Attendants
Bar Manager (a)
- 6503-11 Bar Attendant
Bar Steward/Stewardess (a)
Barmen/maid (a)

GROUP DEFINITIONS

SALESPERSONS AND PERSONAL SERVICE WORKERS

RELATED OCCUPATION

6505-13 Drink Waiter/Waitress

6505 WAITERS AND WAITRESSES

WAITERS AND WAITRESSES welcome patrons and serve food and beverages to tables in dining establishments. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a certificate or diploma in Hospitality Studies (up to 20 weeks) or a trade certificate. 1-12 months on-the-job training is usual.

TASKS include:

- receiving and recording dining reservations by telephone
- welcoming patrons, and escorting to table
- setting tables with clean linen, cutlery and glasses
- presenting menus and wine lists to patrons
- writing order and relaying it to kitchen or bar staff
- serving food and wine
- attending patrons to fulfill any additional requests
- preparing and presenting bill and receiving payment

OCCUPATIONS

- 6505-01 Supervisor, Waiters and Waitresses
Head Waiter/Waitress (a)
Maitre d'Hotel (a)
Dining Room Host/Hostess (s)
- 6505-11 Formal Service Waiter/Waitress
Silver Service Waiter/Waitress (a)
- 6505-13 Drink Waiter/Waitress
Wine Steward/Stewardess (s)
Wine Waiter/Waitress (s)
- 6505-15 Waiter/Waitress (General)
Food Steward/Stewardess (a)
Dining Room Attendant (s)

6507 TRAVEL AGENTS

TRAVEL AGENTS plan and organise travel and accommodation arrangements for clients.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-3 months on-the-job training is usual.

TASKS include:

- providing literature and information to travellers concerning local, interstate and international tours, travel routes, accommodation and fares
- discussing clients' requirements and advising on suitable options
- making travel and accommodation bookings
- notifying clients of luggage limits and medical, passport, visa and currency requirements

- planning and preparing written itinerary with clients
- selling tickets and receiving payment
- recording sales transactions

OCCUPATIONS

- 6507-11 Travel Agent (Commercial)
Travel Consultant (a)
- 6507-13 Tourist Officer
Tourist Adviser (a)

6599 OTHER SALESPERSONS

This unit group covers occupations not elsewhere classified in Minor Group 65, Miscellaneous Salespersons.

OCCUPATIONS

- 6599-11 Auctioneer
- 6599-13 Auction Room Attendant
- 6599-15 Sales Demonstrator
- 6599-17 Rental Salesperson
Rental Clerk (a)
- 6599-19 Service Counter Clerk
- 6599-21 Service Station Attendant
Driveway Attendant (a)
- 6599-99 Salespersons nec
Model (s)

MINOR GROUP 66 PERSONAL SERVICE WORKERS

PERSONAL SERVICE WORKERS provide basic nursing, child care and other services to individuals for the enhancement of their health, welfare and comfort.

Most occupations in this minor group have a level of skill commensurate with a 1-2 year basic vocational certificate and 1-24 months on-the-job training.

Tasks performed by Personal Service Workers typically include serving meals to children in child care establishments, to persons requiring care at home, or to passengers in ships, trains and aircraft; explaining safety procedures to passengers; giving emotional support to sick, distressed or aged persons; bathing and dressing children, hospital patients, and sick or aged persons in their own homes; cleaning medical equipment and homes of invalids; monitoring patients' vital signs; minding children; arranging funerals on behalf of bereaved clients; providing facial therapy to enhance health and beauty; and massaging muscles to enhance condition.

Professionals and para-professionals who provide services for the health and welfare of people are excluded from this minor group, because these occupations require professional or para-professional qualifications. They can be found in Minor Groups 23, Health Diagnosis and Treatment Practitioners, 26, Social Professionals, 34, Registered Nurses, and 39, Miscellaneous Para-professionals.

Occupations in this minor group are classified into the following unit groups:

- 6601 CHILD CARE, REFUGE AND RELATED WORKERS**
- 6603 ENROLLED NURSES**
- 6605 DENTAL NURSES**
- 6607 HOME COMPANIONS AND AIDES**
- 6609 TRAVEL STEWARDS**
- 6699 OTHER PERSONAL SERVICE WORKERS**

6601 CHILD CARE, REFUGE AND RELATED WORKERS

CHILD CARE, REFUGE AND RELATED WORKERS provide care and supervision for children in pre-schools, residential child care establishments (including government security institutions) and non-residential care centres, provide adults and children in refuges with emotional support and a referral service.

SKILL LEVEL

The entry requirement for some of the occupations in this unit group is completion of year 10 at secondary school or a 1-2 year basic vocational certificate. 6 months on-the-job training is usual. State welfare and education authorities may require Pre-School Aides and Child Care Aides to be registered.

TASKS include:

- planning, conducting and participating in programmes of games and activities to encourage social, emotional, physical and intellectual development in children
- laying out toys, recreational equipment, paints, paper, glue, clay and other materials for children's activities
- waking, washing, dressing and feeding children in residential care
- explaining behaviour standards
- preparing disciplinary reports on children in security institutions

- implementing disciplinary measures
- preparing and serving meals
- cleaning premises and putting equipment away
- organising accommodation in refuge
- ensuring refuge security
- referring refuge residents to appropriate qualified practitioners, authorities or agencies for assistance
- caring for disabled or handicapped children

OCCUPATIONS

- 6601-11 Pre-School Aide**
Kindergarten Assistant (s)
- 6601-13 Child Care Aide**
Child Care Assistant (a)
- 6601-15 Child Care Attendant**
Baby Sitter (s)
Child Minder (s)
Children's Nursery Assistant (s)
Crèche Attendant (s)
Day Care Worker (s)
- 6601-17 Hostel Parent**
Cottage Parent (a)
House Parent (a)
- 6601-19 Child Care Group Worker**
- 6601-21 Refuge Worker**

GROUP DEFINITIONS

6601-99 Child Care, Refuge and Related Workers
nec
Governess (s)
Nanny (s)
Special Teaching Assistant (s)

RELATED OCCUPATIONS

2401-11 Pre-Primary School Teacher
3401 Registered Nurses
3901 Welfare Para-professionals
3901-17 Youth Worker

6603 ENROLLED NURSES

ENROLLED NURSES assist registered nurses, doctors and other health professionals by giving basic nursing care to patients in hospitals and nursing homes, caring for infants and young children in infant homes, nurseries and day care centres, and performing ancillary duties specific to particular aspects of medical treatment (urology, surgery, first aid, etc.), and advise mothers on health matters and infant care.

SKILL LEVEL

The entry requirement for this unit group is a 1 year basic vocational certificate. 12-18 months on-the-job training is usual.

TASKS include:

- bathing, dressing and undressing patients
- recording temperature, pulse and respiration rates and fluid intake
- assisting patients with rehabilitation exercises
- advising mothers on feeding, hygiene and health care for infants
- cleaning and sterilising equipment
- assisting in administering machine treatment or in applying traction equipment
- processing, labelling and filing X-rays

OCCUPATIONS

6603-11 Enrolled Nurse
Mothercraft Nurse (s)
Motherhood Nurse (s)
Nurses' Aide (s)

6603-91 Student Enrolled Nurse

RELATED OCCUPATIONS

2317-11 Chiropractor
3401 Registered Nurses
3909-11 Ambulance Officer

6605 DENTAL NURSES

DENTAL NURSES prepare patients for dental examination and assist Dentists in providing treatment.

SKILL LEVEL

The entry requirement for this unit group is a 1 year basic vocational certificate. 2 years on-the-job training is usual. is compl

SALESPERSONS AND PERSONAL SERVICE WORKERS

TASKS include:

- handing required equipment and medication to dentist
- preparing materials for fillings
- pouring, tracing and mounting plaster models for dental impressions
- taking X-rays, processing and mounting X-ray films
- cleaning mouth with water sprays and suction devices, polishing teeth, applying fluoride
- cleaning and sterilising equipment

OCCUPATIONS

6605-11 Dental Nurse
Dental Assistant (s)

6607 HOME COMPANIONS AND AIDES

HOME COMPANIONS AND AIDES provide company and services in the home to families and sick or aged persons, and advise on welfare contacts for families experiencing difficulty.

SKILL LEVEL

There is no specific entry requirement for this unit group.

TASKS include:

- providing emotional support and companionship
- shopping for and preparing food
- assisting aged or sick employers with dressing, undressing and moving about
- minding children and attending to their needs
- arranging contacts with financial support organisations and welfare agencies

OCCUPATIONS

6607-11 Home Companion
Home Helper (s)

6607-13 Family Aide
Family Support Worker (s)

RELATED OCCUPATIONS

2601 Social Workers
2603 Counsellors
3901-15 Welfare Officer

6609 TRAVEL STEWARDS

TRAVEL STEWARDS provide meals and other services for the comfort and safety of passengers in ships, railway sleeping cars and aircraft. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is completion of year 10 at secondary school. 1-3 months on-the-job training is usual.

TASKS include:

- assisting in preparing meals
- serving refreshments, meals and drinks to

SALESPERSONS AND PERSONAL SERVICE WORKERS

GROUP DEFINITIONS

passengers

- loading and unloading luggage and assisting with hand luggage
- preparing cabin beds and distributing pillows, blankets and reading materials
- answering queries and providing information on taxis and hire cars
- demonstrating use of life jackets and oxygen masks and explaining other safety procedures
- administering first aid
- providing room service for passengers and crew

OCCUPATIONS

- 6609-01 Supervisor, Travel Stewards**
 Aircraft Purser (s)
 Chief Marine Steward (s)
 Senior Flight Attendant (s)
 Senior Railway Steward (s)
- 6609-11 Flight Attendant**
- 6609-13 Marine Steward**
- 6609-15 Railway Steward**
 Railway Conductor (Sleeping Car) (s)

6699 OTHER PERSONAL SERVICE WORKERS

This unit group covers occupations not elsewhere classified in Minor Group 66, Personal Service Workers.

OCCUPATIONS

- 6699-11 Funeral Director**
 Mortician (s)
 Undertaker (s)
 Embalmer (s)
- 6699-13 Tourist Guide**
 Tour Leader (s)
- 6699-15 Beauty Therapist**
 Beautician (s)
 Hair Remover (s)
 Manicurist (s)
- 6699-17 Masseur/Masseuse**
- 6699-99 Personal Service Workers nec**
 Butler (s)
 Croupier (s)
 Escort (s)
 Marriage Celebrant (s)
 Military Steward (s)
 Prostitute (s)
 Tattooist (s)

MAJOR GROUP 7**PLANT AND MACHINE OPERATORS, AND DRIVERS**

PLANT AND MACHINE OPERATORS, AND DRIVERS operate vehicles and other large equipment to transport passengers and goods, to move materials, to generate power, and to perform various agricultural and manufacturing functions. These tasks require some judgement and are performed under limited supervision.

Occupations in this major group require no formal education or experience but usually require 3-24 months on-the-job training. They often require specially endorsed licences.

Tasks performed by Plant and Machine Operators, and Drivers typically include setting up, controlling and monitoring stationary equipment either directly or by remote control; driving road and rail transport vehicles to scheduled destinations; driving mobile plant to worksites and controlling its operation; cleaning their own machinery and performing minor repairs; and maintaining production records.

Occupations in this major group are classified into the following minor groups:

- 71 ROAD AND RAIL TRANSPORT DRIVERS**
- 72 MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)**
- 73 STATIONARY PLANT OPERATORS**
- 74 MACHINE OPERATORS**

MINOR GROUP 71

ROAD AND RAIL TRANSPORT DRIVERS

ROAD AND RAIL TRANSPORT DRIVERS operate trains, buses, cars, vans, trucks and motorcycles to transport passengers and goods.

Occupations in this minor group have a level of skill commensurate with 1-4 months on-the-job training. They often require specially endorsed licences.

Tasks performed by Road and Rail Transport Drivers typically include manipulating vehicle controls to determine direction and speed; monitoring gauges and vehicle condition generally; observing road conditions, traffic and signals; loading and unloading freight, luggage and mail or assisting with these functions; and assisting or directing passengers into and out of vehicle.

This minor group includes Courier Drivers, because they deliver goods; and Underground Locomotive Drivers, because they specialise in driving locomotives to transport people, equipment and ore, often over long distances.

Postmen/women and other messengers are excluded from this minor group because they are primarily concerned with the delivery of mail and messages rather than goods. They are located in Unit Group 5603, Messengers and Delivery Officers. Underground Truck Operators are excluded as they operate specialised underground trucks to move ore over short distances as an integral part of the mining operation, and often operate other mining plant as well. They are located in Unit Group 7201, Excavating and Earthmoving Plant Operators. Fire truck drivers, test drivers and racing car drivers are excluded as they drive motor vehicles for purposes other than transport. Fire truck drivers are located in Unit Group 7211, Fire Fighters, test drivers in Unit Group 7299, Other Mobile Plant Operators (Except Transport), and racing drivers in Unit Group 3915, Sportspersons and Related Workers. Vendors who drive vans or trucks are excluded because their primary task is selling. They are located in Unit Group 6301, Sales Assistants.

Occupations in this minor group are classified into the following unit groups:

- 7101 BUS AND TRAM DRIVERS**
- 7103 AUTOMOBILE DRIVERS**
- 7105 TRUCK DRIVERS**
- 7107 LOCOMOTIVE DRIVERS**

7101 BUS AND TRAM DRIVERS

BUS AND TRAM DRIVERS operate motor powered buses or electric powered tram cars to transport passengers over established or special routes.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual. An appropriate licence is required.

TASKS include:

- operating vehicle by manipulating levers and pedals to control power and brakes
- starting, driving and stopping the vehicle
- opening and shutting doors to allow passengers to board or alight at stops
- complying with traffic regulations and rules
- changing controls and power supply pole at terminus to enable tram to be driven from other end

OCCUPATIONS

- 7101-11 Bus Driver**
- Coach Captain (s)**

7101-13 Tram Driver

7103 AUTOMOBILE DRIVERS

AUTOMOBILE DRIVERS are employed to drive vehicles to transport passengers for a salary or a fee pre-determined and pre-paid, or determined by taximeter, in accordance with transport regulations.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual. An appropriate licence is required.

TASKS include:

- picking up passengers at appointed venues, or stopping when hailed, and driving to designated destination
- communicating with radio control centre to receive booking details and to report on location and availability

GROUP DEFINITIONS

- assisting passengers with handling and storage of luggage
- collecting and distributing parcels and mail or acting as courier
- cleaning, servicing, maintaining and repairing vehicles

COMMENTS

Taxi drivers may be self-employed.

OCCUPATIONS

- 7103-11 Automobile Driver
Chauffeur/Chauffeuse (s)
Hire Car Driver (s)
Taxi Driver (s)

7105 TRUCK DRIVERS

TRUCK DRIVERS drive delivery and furniture removal vans and trucks to transport goods and materials.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual. An appropriate licence is required.

TASKS Include:

- manoeuvring vehicles to load or unload goods
- loading and unloading vehicle
- stowing and securing loads
- driving vehicle to destination
- reporting and acting on vehicle maintenance needs
- maintaining logbook detailing vehicle movements
- verifying loading documents at pick up point, obtaining certification of delivery and checking condition of goods

OCCUPATIONS

- 7105-11 Delivery Driver
Van Driver (s)
Courier Driver (s)
Taxi Truck Driver (s)
- 7105-13 Heavy Truck Driver
Concrete Mixer Driver (s)

- Haul Truck Driver (s)
Log Hauler (s)
Road Train Driver (s)
Semi-Trailer Driver (s)
Stock Transport Driver (s)
Tanker Driver (s)
Tow Truck Driver (s)

7105-15 Furniture Removalist-Driver

7107 LOCOMOTIVE DRIVERS

LOCOMOTIVE DRIVERS drive railway engines or self propelled rolling stock as part of a railway system. They may supervise, or receive training in, occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 3-5 years previous experience. 2-4 months on-the-job training is usual.

TASKS Include:

- checking locomotive to ensure safety of engine prior to use
- observing gauges, indications and signals prior to commencement of journey
- monitoring indicator gauges of engine throughout the journey
- observing signal directions and track
- driving locomotive, stopping at stations for passengers or freight
- reporting irregularities in engine or rolling stock

OCCUPATIONS

- 7107-01 Supervisor, Locomotive Drivers
- 7107-11 Locomotive Driver
Locomotive Engineman/woman (a)
Rail Car Driver (s)
Train Driver (s)
Underground Locomotive Driver (s)
- 7107-91 Trainee Locomotive Driver
Assistant Locomotive Driver (s)
Locomotive Observer (s)
Railway Fireman/woman (s)

MINOR GROUP 72

MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

MOBILE PLANT OPERATORS (EXCEPT TRANSPORT) operate mechanical plant whose mobility is essential to its function, for a variety of purposes other than the transportation of goods or passengers.

Occupations in this minor group have a level of skill commensurate with 3-24 months on-the-job training. They often require special licences.

Tasks performed by Mobile Plant Operators (except Transport) typically include driving plant to worksite; selecting and fitting attachments; driving or manoeuvring plant on site; manipulating controls to operate attachments, including pumps on fire engines, mechanically, hydraulically or electrically so as to pick up or deposit material, and servicing and maintaining plant.

This minor group includes Underground Truck Operators, because they operate specialised underground trucks to move ore short distances underground as an integral part of the mining operation, and often operate other mining plant as well; Fire Fighters who drive motor vehicles, because these vehicles are primarily concerned with fire fighting rather than transport; and Fork Lift and Related Drivers, because they move heavy or awkward loads over very short distances.

Underground Locomotive Drivers are excluded from this minor group because they specialise in driving locomotives to transport people, equipment and ore, often over large distances. They are located in Unit Group 7107, Locomotive Drivers. Drilling Rig Operators are excluded because, although drilling rigs are portable, their mobility is not essential to their function. They are located in Unit Group 7317, Drilling Plant Operators. Crane Operators who operate mobile cranes are excluded because they cannot reliably be distinguished in statistical collections from stationary Crane Operators. They are located in Unit Group 7311, Crane Operators.

The occupations in this minor group are classified into the following unit groups:

- 7201 EXCAVATING AND EARTHMOVING PLANT OPERATORS**
- 7203 FORKLIFT AND RELATED DRIVERS**
- 7205 LOGGING PLANT OPERATORS**
- 7207 PAVING AND SURFACING PLANT OPERATORS**
- 7209 AGRICULTURAL PLANT OPERATORS**
- 7211 FIRE FIGHTERS**
- 7299 OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)**

7201 EXCAVATING AND EARTHMOVING PLANT OPERATORS

EXCAVATING AND EARTHMOVING PLANT OPERATORS operate machinery used to excavate soil, ore and rock, break up pavement, road, rock and obstructions, move and load earth, rock and debris and level, smooth and compact surfaces, in construction, mining, forestry and other projects. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-4 years previous experience in a related labouring area. On-the-job training varies widely from 1 month to 2 years.

TASKS include:

- operating plant and selecting and operating attachments (winch, tree faller, loading scoop, bucket, bucket chain or wheel, drill, rock breaking hammers, and blades with or without teeth)

- raising, lowering and manipulating attachments using manual or electrical controls
- driving and manoeuvring plant within surveyors' pegs or working from drawings, markers or verbal instructions
- monitoring operation of equipment and ensuring safety of other workers particularly within mines or on mining sites
- servicing, lubricating, cleaning and refuelling equipment, performing minor repairs
- communicating with other operators for on-site co-ordination

OCCUPATIONS

- 7201-01 Supervisor, Excavating and Earthmoving Plant Operators**
Dredge Supervisor (s)
Pit Supervisor (s)
Shift Boss (Mining) (s)
- 7201-11 Bulldozer Operator**

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

- 7201-13 Scraper Operator (Earthmoving)
- 7201-15 Back-hoe Operator
- 7201-17 Trench-digging Machine Operator
- 7201-19 Loader Operator (Earthmoving)
Bobcat Operator (s)
Front-end Loader Operator (s)
- 7201-21 Open Cut Mining Plant Operator
Bucketwheel Excavator Operator (s)
Dragline Operator (s)
Mining Shovel Operator (s)
- 7201-23 Underground Plant Operator
Continuous Mining Machine Operator (s)
Development Machine Miner (s)
Longwall Miner Operator (s)
Mechanical Bagger Operator (s)
Underground Truck Operator (s)
- 7201-25 Dredge Operator
- 7201-27 Grader Operator
- 7201-29 Excavator Operator
Hydraulic Rock Breaker Operator (s)
- 7201-91 Trainee Excavating and Earthmoving Plant Operator
Dragline Oiler (s)
Shovel Greaser (s)
Shovel Oiler (s)

7203 FORKLIFT AND RELATED DRIVERS

FORKLIFT AND RELATED DRIVERS operate motorised trucks equipped with either hydraulic fork lift or platform, or elevated frame with levers, to move crates, palletised goods, cartons, bales, timber, shipping containers and other heavy, large or unwieldy loads.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 months on-the-job training is usual. An appropriate licence is required.

TASKS Include:

- operating controls of fork lift to align truck and raise or lower fork to stack or unstack articles
- positioning load against heel of forks to maintain stability of load and truck
- driving loaded truck to required position
- driving straddle carrier to position straddle frame and mechanism above load
- operating controls to move levers to grasp load, raise it and drive to delivery point
- servicing machinery, repairing minor faults and reporting mechanical problems to supervisor

OCCUPATIONS

- 7203-11 Forklift Driver
Reach Truck Driver (s)
Turret Truck Driver (s)
- 7203-13 Straddle Carrier Operator

7205 LOGGING PLANT OPERATORS

LOGGING PLANT OPERATORS operate machines to fell trees, cut them into logs, and load or transport logs onto trucks.

SKILL LEVEL

The entry requirement for this unit group is 1 year of previous experience. 3-6 months on-the-job training is usual. A driver's licence and licence to operate specialised machinery is required.

TASKS Include:

- positioning plant, blades, crane boom, grapple and other equipment
- operating machinery to hold, sever and lift trees
- operating attachments to lift, swing, release or sort trees or logs for size
- feeding felled trees into processors for delimbing and cutting into logs
- transporting logs to loading areas and pushing into bundles
- loading logs onto stock pile or into truck
- servicing machinery and performing minor repairs

OCCUPATIONS

- 7205-11 Logging Plant Operator
Forwarder Operator (s)
Skidder Operator (s)
Tree Feller Operator (s)

RELATED OCCUPATIONS

- 8203 Forestry Labourers

7207 PAVING AND SURFACING PLANT OPERATORS

PAVING AND SURFACING PLANT OPERATORS operate machines to spread and level hot bituminous paving materials or lay concrete on highways, streets and parking areas. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual. An appropriate licence is required for some equipment.

TASKS Include:

- signalling driver to position vehicle for dumping load
- regulating temperature of material flowing from hopper
- driving machine along specified path observing distribution of paving material and operating controls to maintain specified paving thickness
- operating controls to advance spreader
- adjusting screed to desired paving width
- operating road roller to smooth and compact surface
- cleaning, servicing and maintaining machinery

OCCUPATIONS

- 7207-01 Supervisor, Paving and Surfacing Plant

Operators

- 7207-11 Paving Plant Operator
 7207-13 Road Roller Operator
 Compactor Operator (a)

7209 AGRICULTURAL PLANT OPERATORS

AGRICULTURAL PLANT OPERATORS operate tractor-drawn or self-propelled machinery to clear and cultivate land, sow and harvest plants in an agricultural or amenity horticultural operation.

SKILL LEVEL

The entry requirement for this unit group is 6-12 months previous experience, 3-6 months on-the-job training is usual. A driver's licence is required.

TASKS include:

- driving or transporting machines to work site
- attaching implements or equipment to tractor
- operating tractor-drawn or self-propelled machinery to plough land, fertilise, plant, cultivate, spray or harvest crops
- performing gardening duties with specialised machinery such as rotary hoes and auto scythes
- adjusting speed, height or depth of machinery or attached implements
- servicing and repairing machinery

OCCUPATIONS

- 7209-11 Farm Machinery Operator
 Cotton Picking Machine Operator (s)
 Farm Tractor Driver (s)
 Harvester Operator (s)
- 7209-13 Amenity Horticulture Machine Operator
 Auto Scythe Operator (s)
 Rotary Hoe Operator (s)

7211 FIRE FIGHTERS

FIRE FIGHTERS control or extinguish fires and protect life and property threatened by fires or accidents, and participate in and co-ordinate fire prevention activities. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit

group although 3 months - 2 years on-the-job training is usual.

TASKS include:

- operating pumps and spraying water, foam or chemicals from hose or extinguisher to put out fires or to disperse or neutralise dangerous substances
- developing fire-fighting and rescue techniques to combat specific hazards
- co-ordinating training of volunteers and instructing in fire-prevention, fire-fighting, rescue and use of breathing apparatus
- driving fire truck or other vehicle to scene of fire or emergency
- rescuing people from dangerous or inaccessible places using ladders or elevating platforms
- administering first aid and artificial respiration
- organising operations of a fire brigade
- investigating fire hazards and taking or co-ordinating necessary fire prevention action

OCCUPATIONS

- 7211-01 Supervisor, Fire Fighters
- 7211-11 Fire Fighter
 Fire Engineer (Army) (s)
 Fire Prevention Officer (s)

7299 OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)

This unit group covers occupations not elsewhere classified in Minor Group 72, Mobile Plant Operators (Except Transport).

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual. An appropriate licence is required for some equipment.

OCCUPATIONS

- 7299-11 Railway Track Repair Machine Operator
- 7299-99 Mobile Plant Operators nec
 Cable Ferry Operator (s)
 Military Aircraft Handler (s)
 Recovery Mechanic (Army) (s)
 Road Linemarkers (s)
 Road Sweeper Operator (s)
 Specialist Vehicles Operator (Army) (s)

MINOR GROUP 73 STATIONARY PLANT OPERATORS

STATIONARY PLANT OPERATORS operate large and complex mechanical equipment which is often fully or partly automated (including large or multi-stage manufacturing equipment), at a fixed location.

Occupations in this minor group have a level of skill commensurate with 3-24 months on-the-job training. They often require special licences.

Tasks performed by Stationary Plant Operators typically include controlling supply of power or fuel, and quantity and mix of materials to be processed or handled; starting plant; visually monitoring operation of plant, directly or by referring to instruments, to ensure safe operation and satisfactory level of throughput; manipulating controls of plant to move materials, transfer materials between process phases, or control electricity distribution; and monitoring condition of plant, reporting major problems and repairing minor defects.

This minor group includes operators of small furnaces and kilns because they perform similar tasks to the operators of large ones, and cannot reliably be distinguished from them in statistical collections. Crane Operators, who may operate both stationary and mobile cranes, are included in this minor group.

Plastics, Rubber, Chemical and similar Production Machine Operators are excluded from this minor group as they operate separate machines which perform discrete single manufacturing operations rather than integrated manufacturing plant. They are included in Minor Group 74, Machine Operators.

Occupations in this minor group are classified into the following unit groups:

- 7301 POWER GENERATION PLANT OPERATORS**
- 7303 ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)**
- 7305 CHEMICAL PLANT OPERATORS**
- 7307 PETROLEUM AND GAS PLANT OPERATORS**
- 7309 BULK MATERIALS HANDLING PLANT OPERATORS**
- 7311 CRANE OPERATORS**
- 7313 HOIST, WINCH AND LIFT OPERATORS**
- 7315 FURNACE AND KILN OPERATORS**
- 7317 DRILLING PLANT OPERATORS**
- 7399 OTHER STATIONARY PLANT OPERATORS**

7301 POWER GENERATION PLANT OPERATORS

POWER GENERATION PLANT OPERATORS operate equipment for the generation, distribution and transmission of electric power. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a basic or post-trade certificate and previous experience of 5 years. On-the-job training of 5 years is usual.

TASKS include:

- controlling the flow of fuel to generating equipment
- opening and closing power switches to control the distribution of electricity over feeder circuits between generating station and sub-stations and to transfer load between circuits
- shutting down boiler or turbine to decrease power output

- observing instruments and switchboard to monitor the operation of generator and turbine, and the transmission of electricity
- recording details of equipment performance, instrument readings and switching operations
- cleaning and lubricating components and equipment

OCCUPATIONS

7301-01 Supervisor, Power Generation Plant Operators

7301-11 Power Generation Plant Operator
Hydro-electric Station Operator (s)
Power Generation Turbine Room Operator (s)

**7303 ENGINE AND BOILER OPERATORS
(EXCEPT POWER GENERATION)**

ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION) operate various types of stationary engines (including marine engines) and associated mechanical equipment.

SKILL LEVEL

There is no formal entry requirement for this unit group, although Stationary Engine and Boiler Operator requires a 3-6 months basic certificate. 1-4 years on-the-job training is usual.

TASKS include:

- setting valves, levers and switches to control the output of engines, boilers, refrigeration systems, air conditioning systems and associated mechanical equipment
- observing instrument readings to ensure efficient operation of engines and machinery and to detect malfunctions
- lubricating moving parts and replenishing oil and grease
- cleaning machinery, gauges and instruments
- recording instrument readings, hours of operation, fuel consumption and power output

OCCUPATIONS

7303-11 Stationary Engine and Boiler Operator
Air-Conditioning Plant Operator (s)
Boiler Attendant (s)
Motorman/woman (Fluids Drilling) (s)
Refrigeration Plant Operator (s)
Sugar Mill Engine Driver (s)

7303-13 Marine Engine and Boiler Operator
Marine Greaser (s)

RELATED OCCUPATIONS

3307-11 Marine Engineer

7305 CHEMICAL PLANT OPERATORS

CHEMICAL PLANT OPERATORS operate equipment used in the production of chemicals. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 3 years previous experience as an assistant.

TASKS include:

- controlling the preparation and measuring of raw material
- controlling the feeding of raw material and processing agents into the plant
- setting controls and operating machinery to initiate and regulate chemical processes
- checking instruments and equipment to ensure proper operation
- taking samples for testing
- recording process data

OCCUPATIONS

7305-01 Supervisor, Chemical Plant Operators
Supervisor, Chemical Pilot Plant Operators (s)

7305-11 Chemical Plant Operator
Distiller (Chemicals) (s)
Fermentation Operator (Chemicals) (s)
Industrial Gas Production Operator (s)
Paint Maker (s)
Pharmaceutical Plant Operator (s)
Pilot Plant Operator (s)

7305-91 Trainee Chemical Plant Operator

RELATED OCCUPATIONS

1389-11 Engineering Manager
3103-13 Chemistry Technician

7307 PETROLEUM AND GAS PLANT OPERATORS

PETROLEUM AND GAS PLANT OPERATORS operate equipment to process oil and gas, to distribute refined products, to pump treatment agents into well holes and to test well pipes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-24 months on-the-job training is usual.

TASKS include:

- setting and monitoring operating controls on equipment
- transferring oil and gas from well to refinery, within the refinery and from the refinery to the terminal by operating pumping equipment
- operating processing equipment to refine natural gas, manufacture refined petroleum products, and blend petroleum base stocks
- pumping treatment agents into well to stimulate oil and gas flow, seal rock formations or plug disused wells
- testing well pipes for leaks and fractures and taking samples of oil and gas from wells
- recording details of operations, production, quantities transferred and test data

OCCUPATIONS

7307-01 Supervisor, Petroleum and Gas Plant Operators
Supervisor, Oil and Gas Well Treatment Operators (s)
Supervisor, Oil, Gas and Pipe Testing Operators (s)

7307-11 Petroleum and Gas Refining and Pumping Operator
Gas Compressor Turbine Operator (s)
Grease Manufacturing Plant Operator (s)
Petroleum Blending Plant Operator (s)
Petroleum Process Unit Operator (s)
Petroleum Shipping Plant Operator (s)

7307-13 Oil and Gas Well Treatment Operator
Oil Well Cementer (s)
Well Treatment Blender Operator (s)
Well Treatment Pump Operator (s)

7307-15 Oil, Gas and Pipe Tester
Oil and Gas Production Testing Operator (s)
Torque-turn Computer Operator (s)

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

7309 BULK MATERIALS HANDLING PLANT OPERATORS

BULK MATERIALS HANDLING PLANT OPERATORS operate equipment to load, unload, move or store bulk materials. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-12 months previous experience. 1-3 months on-the-job training is usual. State government licences may be required to operate some types of equipment.

TASKS include:

- starting and stopping equipment
- monitoring equipment visually, through gauges and instruments, or through computerised equipment
- operating equipment to stockpile bulk materials, move bulk materials, liquids and fluidised solids, load and unload bulk materials from railway cars and ships
- communicating with other operators to co-ordinate actions
- inspecting controls and equipment to identify wear and damage
- reporting shift operations, level of productivity and breakdowns

OCCUPATIONS

- 7309-01 Supervisor, Bulk Materials Handling Plant Operators**
Supervisor, Fluids Loading and Unloading Plant Operators (s)
- 7309-11 Bulk Materials Handling Plant Operator**
Bucketwheel Reclaimer Operator (s)
Bulk Fluids Handler (s)
Car Dumper Operator (s)
Conveyor Belt Operator (s)
Grain Handler (s)
Ore Stacker Operator (s)
Tank Farm Operator (s)
Train Loader Operator (s)

7311 CRANE OPERATORS

CRANE OPERATORS operate stationary or mobile cranes to lift, move and lower objects. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-4 months on-the-job training is usual. State governments issue licences.

TASKS include:

- operating controls to rotate crane, move crane on fixed rails, raise and lower boom, and raise and lower hook
- communicating with rigger to position hook and to raise, move and place loads
- checking instruments
- inspecting equipment for malfunctions or wear
- lubricating ropes and winches on crane and replacing worn cables

OCCUPATIONS

- 7311-01 Supervisor, Crane Operators**

- 7311-11 Crane Operator**
Cherry Picker Operator (s)
Portainer Operator (s)

RELATED OCCUPATIONS

- 8405-13 Rigger (Construction)
8499-13 Crane Chaser

7313 HOIST, WINCH AND LIFT OPERATORS

HOIST, WINCH AND LIFT OPERATORS operate hoists, winches or lifts to move materials, equipment or people. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-36 months on-the-job training is usual. State governments issue licences and learner's permits for some classes of equipment.

TASKS include:

- operating controls to raise or lower hoist or lift containing materials, equipment or people
- operating winch to raise, lower or wind in object
- testing equipment before use to ensure safety
- controlling movement of load directly or by signalling to other operators
- monitoring operation of hoist, winch or lift and instruments to detect malfunctions and problems

OCCUPATIONS

- 7313-01 Supervisor, Hoist, Winch and Lift Operators**
- 7313-11 Hoist, Winch and Lift Operator**
Braceman/woman (s)
Mine Cage Attendant (s)
Skipman/woman (s)
Winding Engine Driver (s)

RELATED OCCUPATIONS

- 7311 Crane Operators

7315 FURNACE AND KILN OPERATORS

FURNACE AND KILN OPERATORS operate furnaces, quenching plants, kilns or ovens to smelt, refine or treat metals, fire ceramics, dry and season wood products and timber, or burn waste. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as a factory hand or assistant. 1-12 months on-the-job training is usual. Heat Treatment Furnace Operators require a 2 year basic certificate.

TASKS include:

- controlling the introduction of materials to be melted, treated, fired, dried or burned into the furnace, kiln or oven
- preparing materials to be added to molten metal

PLANT AND MACHINE OPERATORS, AND DRIVERS

GROUP DEFINITIONS

- and preparing quenching media for the heat treatment of metals
- operating cooling and quenching equipment to treat metal
- tapping furnaces and feeding molten metal into moulds, crucibles or other processing plant
- removing product and waste from furnace, kiln or oven

OCCUPATIONS

7315-01 Supervisor, Furnace and Kiln Operators
 Supervisor, Blast Furnace Operators (s)
 Supervisor, Roasting Plant Operators (s)
 Supervisor, Smelting Plant Operators (s)

7315-11 Metals Furnace Operator
 Smelting Furnace Operator (s)
 Basic Oxygen Steelmaking Furnace Operator (s)
 Blast Furnace Operator (s)
 Cupelman/woman (s)
 Kettleman/woman (s)
 Open Hearth Furnace Operator (s)
 Pot Operator (Aluminium) (s)

7315-13 Heat Treatment Furnace Operator
 Annealer (s)
 Case Hardener (s)
 Hardener (s)
 Soaking Pit Furnace Operator (s)
 Temperer (s)

7315-15 Kiln Operator
 Clay Products Kiln Operator (s)
 Ore Roaster Operator (s)
 Pellet Plant Operator (s)
 Timber Kiln Operator (s)

7315-17 Incinerator Plant Operator
 Crematorium Plant Operator (s)

7317 DRILLING PLANT OPERATORS

DRILLING PLANT OPERATORS operate drilling rigs and related equipment to bore wells, shot holes and pilot holes. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as driller's offsider or mining labourer. 6 months on-the-job training is usual.

TASKS include:

- moving drilling rig and equipment from site to site
- setting up rig, positioning drilling equipment and connecting power cables and water and air hoses
- operating drilling rig, starting and stopping drill and changing drill bits
- retrieving broken equipment from holes
- directing offsidars and labourers assisting drilling operations
- recording details of operation, performance of well and information obtained by drilling

OCCUPATIONS

7317-01 Supervisor, Drilling Plant Operators
 Master Driller (a)
 Toolpusher (a)
 Directional Driller (s)

7317-11 Drilling Plant Operator
 Air Track Operator (s)
 Coal Seam Drill Operator (s)
 Diamond Driller (s)
 Fishing Tool Operator (s)
 Jumbo Drill Operator (s)
 Long Hole Drill Operator (s)
 Power Tong Operator (s)
 Raise Drill Operator (s)
 Reeled Tubing Operator (s)
 Rock Drill Operator (s)
 Rotary Drill Operator (s)
 Service Rig Operator (s)
 Shaft Sinker (s)
 Snubbing Unit Operator (s)
 Water Well Driller (s)
 Winze Sinker (s)

RELATED OCCUPATIONS

1305 Production Managers
 8415-11 Mining Labourer

7399 OTHER STATIONARY PLANT OPERATORS

This unit group covers occupations not elsewhere classified in Minor Group 73, Stationary Plant Operators.

OCCUPATIONS

7399-01 Supervisor, Other Stationary Plant Operators

7399-11 Mineral Ore Treating Plant Operator
 Coal Preparation Plant Operator (s)
 Flotation Operator (s)
 Ore and Stone Crusher Operator (s)
 Ore Separator Operator (s)
 Ore Treating Solution Operator (s)
 Surface Hydraulic Fill Operator (s)
 Wash Plant Operator (s)

7399-13 Metal Rolling Mill Operator
 Metal Roller (a)
 Rolling Mill Assistant (s)

7399-15 Paper Pulp Preparation Plant Operator

7399-17 Wood Chipping and Particleboard Plant Operator
 Hardboard Plant Operator (s)
 Hardboard Press Operator (s)
 Oil Tempering Operator (s)

7399-19 Railway Switching and Signalling Operator
 Railway Shunter (s)
 Railway Yard Assistant (s)

7399-21 Timber Treatment Plant Operator

7399-23 Concrete Pump Operator

7399-25 Insulation Maker
 Insulation Cupola Operator (s)

7399-27 Cement Production Plant Operator

7399-29 Water Supply and Treatment Plant Operator
 Irrigation Supervisor (s)
 Lock Master (Water Transport) (s)
 Sewage Plant Operator (s)

7399-31 Electrolytic Cell Operator
 Electrolytic Refiner (a)

7399-33 Carbon Plant Worker
 Anode Press Operator (s)

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

Rodding Press Operator (s)

7399-35 Concrete Batching Plant Operator
Premix Concrete Batchers (s)

7399-99 Stationary Plant Operators nec
Clay Crusher Operator (s)
Distiller (Beverages) (s)
Lighthouse Keeper (s)
Oilseed Processing Operator (s)
Weighbridge Operator (s)

RELATED OCCUPATIONS

7105 Truck Drivers
7107 Locomotive Drivers
7401-11 Rolling Mill Assistant
7415 Paper and Paper Products Machine
Operators
8403-11 Concrete Worker

MINOR GROUP 74 MACHINE OPERATORS

MACHINE OPERATORS operate discrete items of stationary mechanical processing equipment performing a single function, typically a single stage of a manufacturing process.

Occupations in this minor group have a level of skill commensurate with 3-12 months on-the-job training.

Tasks performed by Machine Operators typically include affixing attachments, setting controls, loading material to be processed and preparing surfaces prior to operation; starting machine, observing operation and adjusting controls to regulate temperature, pressure, blend of ingredients and speed of operation; cleaning and lubricating machinery and repairing minor defects; sampling output and checking quality; unloading and storing output; and maintaining production records.

Chemical, Petroleum and Gas Plant Operators are excluded from this minor group because they produce chemical, petroleum and gas products through a number of processes. They are located in Unit Groups 7305 and 7307. Data Processing and Business Machine Operators are excluded because they do not operate mechanical processing equipment, but electronic equipment, and deal with data rather than material input. They are located in Minor Group 52, Data Processing and Business Machine Operators. Tradespersons who operate machines are excluded because they perform tasks of greater range and complexity, requiring the application of a body of practical knowledge. They are located in Major Group 4, Tradespersons.

Occupations in this minor group are classified into the following unit groups:

- 7401 BASIC METAL PRODUCTS MACHINE OPERATORS
- 7403 METAL PRESS OPERATORS
- 7405 OTHER METAL PRODUCTS MACHINE OPERATORS
- 7407 PLASTICS PRODUCTION MACHINE OPERATORS
- 7409 RUBBER PRODUCTION MACHINE OPERATORS
- 7411 CHEMICAL PRODUCTION MACHINE OPERATORS
- 7413 WOOD PROCESSING MACHINE OPERATORS
- 7415 PAPER AND PAPER PRODUCTS MACHINE OPERATORS
- 7417 GLASS PRODUCTION MACHINE OPERATORS
- 7419 CLAY AND STONE PROCESSING MACHINE OPERATORS
- 7421 YARN PRODUCTION MACHINE OPERATORS
- 7423 HIDE AND SKIN PROCESSING MACHINE OPERATORS
- 7425 FABRIC PRODUCTION MACHINE OPERATORS
- 7427 TEXTILE SEWING MACHINISTS
- 7429 SHOEMAKING MACHINE OPERATORS
- 7431 FOOD PROCESSING MACHINE OPERATORS
- 7433 PACKAGING MACHINE OPERATORS
- 7435 PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS
- 7499 OTHER MACHINE OPERATORS

7401 BASIC METAL PRODUCTS MACHINE OPERATORS

BASIC METAL PRODUCTS MACHINE OPERATORS operate machines which produce a variety of basic metal products such as coils, moulds or cores for casting, wire and rods. They may supervise occupations in this unit group. (Metal Press Operators are excluded from this unit group.)

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- affixing attachments to machine
- selecting computer programs, setting control panel,

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

lubricating mould or loading feed mechanism prior to operation

- threading strip or coil into coiling mechanism, feeding wire or cable into dies for drawing
- packing sand around pattern contours prior to operation of machine which consolidates sand to form mould
- lifting mould from pattern
- operating equipment to release ladle stopper to pour molten metal into moulds, observing level and operating stopper lever when mould is full
- operating controls to regulate temperature, pressure, speed or flow of operation
- repairing or replacing defective parts, repairing breaks in wire or cracks in moulds

OCCUPATIONS

7401-01 Supervisor, Basic Metal Products Machine Operators

7401-11 Machine Moulder

7401-13 Casting Machine and Ladle Operator
Ladleman/woman (Metals) (s)
Metal Pourer (s)
Teemer (Iron and Steel) (s)

7401-15 Wire Drawing Machine Operator

7401-17 Metal Extrusion Press Operator

7403 METAL PRESS OPERATORS

METAL PRESS OPERATORS operate machinery to shape and form metal stock and components or form products such as rods, bars, seamless tubing and structural shapes.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS Include:

- securing workpiece on working surface or setting up press with appropriate dies prior to operation
- loading stock or other items into feeding mechanism
- operating controls which activate stamping or pressing mechanism or hydraulic ram which forces metal through dies
- operating controls to regulate temperature, pressure and speed of operation
- monitoring operation, removing processed items, lubricating dies and reloading machine
- examining products, recording and reporting defects

OCCUPATIONS

7403-11 Metal Press Operator

7405 OTHER METAL PRODUCTS MACHINE OPERATORS

OTHER METAL PRODUCTS MACHINE OPERATORS operate machines which produce and finish metal

products other than those covered elsewhere in minor group 74, Machine Operators.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS Include:

- setting up and checking the functioning of the machine prior to operation
- loading stock or other items into feeding mechanism
- cleaning and smoothing metal surfaces by grit blasting, applying bond coating to help adherence of metal or ceramic spray-coat
- spraying molten metal or ceramic onto metal products
- monitoring operations such as bending, dressing/grinding, galvanising, stretching, spring production or spray-coating
- examining product for defects or uniform thickness, recording and reporting defects

OCCUPATIONS

7405-11 Other Metal Products Machine Operators
Forging Machine Operator (s)
Key Cutter (s)
Knife Sharpener (s)
Metal Dresser and Grinder (s)
Metal Sprayer (s)
Plasma Sprayer (s)
Springmaking Machine Operator (s)
Thermal Sprayer (s)

7407 PLASTICS PRODUCTION MACHINE OPERATORS

PLASTICS PRODUCTION MACHINE OPERATORS operate machines which manufacture and finish a variety of plastic products by extruding, moulding, mixing, drawing, embossing, laminating and other processes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS Include:

- affixing, assembling or installing attachments
- spraying moulds with gelcoat, setting controls and checking the functioning of the machine prior to operation
- loading materials, items or ingredients for mixing into machine or feeding mechanism
- threading wire or cable (to be coated in plastic) through machine, extrusion dies and cooling chamber and fastening it to take-up reel
- operating controls which activate hydraulic ram to emboss, laminate or draw sheet through die
- operating mixing or pouring machinery
- operating controls to regulate temperature, pressure, speed and flow of operation
- monitoring operation, and regulating material supply or adding chemicals and colourants to mixture

PLANT AND MACHINE OPERATORS, AND DRIVERS

GROUP DEFINITIONS

- spraying fibre reinforced plastic onto mould or product
- examining products for defects, performing minor repairs and maintaining production records
- trimming flash

OCCUPATIONS

- 7407-01 Supervisor, Plastics Production Machine Operators**
- 7407-11 Plastics Production Machine Setter**
Cellular Plastics Machine Setter (s)
Plastics Extruding Machine Setter (s)
Plastics Moulding Machine Setter (s)
Thermoforming Machine Setter (s)
- 7407-13 Plastics Extruding Machine Operator**
- 7407-15 Plastics Moulding Machine Operator**
Blow Moulding Machine Operator (s)
Compression Moulding Machine Operator (s)
Injection Moulding Machine Operator (s)
Rotational Moulding Machine Operator (s)
Thermoforming Machine Operator (s)
- 7407-17 Cellular Plastics Machine Operator**
Plastics Foam Machine Operator (s)
- 7407-19 Plastics Sheet Press Operator**
- 7407-21 Plastics Blending Machine Operator**
Powder Hand (Plastics) (s)
- 7407-23 Gun Hand (Plastics)**
- 7407-25 Sheathing Extruder**
Wire Sheather (s)

7409 RUBBER PRODUCTION MACHINE OPERATORS

RUBBER PRODUCTION MACHINE OPERATORS operate machines and perform ancillary tasks to manufacture rubber products such as tyres and reinforced hose. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS include:

- affixing attachments to machine
- setting controls and checking functioning of machine prior to operation
- loading stock
- marking out patterns from blue-prints and cutting sheets
- cleaning and smoothing non-rubber surfaces by sandblasting
- threading hose, cord or wire into knitting machine and monitoring operation to ensure uniform tension
- operating controls to regulate temperature, pressure and speed of grinding or production
- monitoring operation and controlling curing process
- removing wrinkles and compressed air in rolling operations
- trimming flash
- measuring product dimensions with special instruments

- weighing product
- examining products for defects, and performing minor repairs
- maintaining production records

OCCUPATIONS

- 7409-01 Supervisor, Rubber Production Machine Operators**
- 7409-11 Tyre Production Machine Operator**
Tyre Builder (s)
Tyre Retreader (s)
- 7409-99 Rubber Production Machine Operators nec**
Rubber Knitting Machine Operator (s)
Rubber Roll Builder (s)
Rubber Roller Grinder Operator (s)

7411 CHEMICAL PRODUCTION MACHINE OPERATORS

CHEMICAL PRODUCTION MACHINE OPERATORS operate a variety of machinery and equipment to produce pharmaceuticals, toiletries, explosives and other chemical products. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-6 months on-the-job training is usual.

TASKS include:

- weighing and measuring chemical and other ingredients prior to operation
- pouring or pumping chemical or other ingredients including chemical agents or binding liquids into machinery
- operating and monitoring machines that mix, mill, grind, compress, coat, fill, seal and mould ingredients
- operating controls to regulate temperature, pressure, flow and speed of operation
- cleaning and disinfecting machinery
- inspecting and testing products for defects

OCCUPATIONS

- 7411-01 Supervisor, Chemical Production Machine Operators**
Supervisor, Explosives Production Machine Operators (s)
Supervisor, Pharmaceuticals and Toiletries Production Machine Operators (s)
- 7411-11 Pharmaceuticals and Toiletries Production Machine Operator**
Granulator Machine Operator (s)
Soap Maker (s)
Suture Maker (s)
Tablet Making Machine Operator (s)
Toiletries Moulder and Compressor (s)
- 7411-13 Explosives Production Machine Operator**
Bullet Maker (s)
Explosives Mixer Operator (s)
Fuse Maker (s)
Nitrocellulose Maker (s)
- 7411-99 Chemical Production Machine Operators nec**
Candle Maker (s)

7413 WOOD PROCESSING MACHINE OPERATORS

WOOD PROCESSING MACHINE OPERATORS operate a variety of sawing and other machines to make logs or cut them into poles or timber pieces; and operate machinery such as rollers and presses to make plywood, particleboard, solid laminate or similar timber products. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is a 6-12 months vocational certificate or at least 12 months experience in a related area (i.e. Plywood Factory Hand, Sawmill Labourer etc). 3-12 months on-the-job training is usual.

TASKS include:

- setting controls, guides, saws, knives and pressure bars prior to operation
- operating controls to regulate temperature, pressure, and speed of operation
- monitoring operation, resetting guides, replacing defective timber for re-processing, cleaning glue from press plate, clearing blockages in hoppers or other feeding mechanisms, replacing saw blades or selecting different blades
- measuring with special instruments to ensure that product is of specified dimensions
- examining products for defects, performing repairs and maintaining production records
- grading wood and veneer

OCCUPATIONS

7413-01 Supervisor, Wood Processing Machine Operators
Supervisor, Plywood Making Machine Operators (s)
Supervisor, Saw Operators (s)

7413-11 Head Sawyer
Breakdown Sawyer (s)

7413-13 Resawyer
Cant Gang Sawyer (s)
Edgerman/woman (s)
Ripsaw Operator (s)
Trim Saw Operator (s)

7413-15 Dockerman/woman
Log Preparer (s)
Sawmill Docker (s)

7413-17 Timber Stock Cutter
Wood Trimmer (s)

7413-19 Veneer Production Machine Operator
Veneer Clipper (s)
Veneer Guillotine Operator (s)
Veneer Lathe and Slicer Operator (s)
Veneer Splicing Machine Operator (s)
Veneer Trimmer Operator (s)

7413-21 Plywood Production Machine Operator
Plywood and Veneer Repairer (s)
Plywood Centre Feeder (s)
Plywood Centre Layer (s)

7413-23 Wood Laminating Press Operator
Particleboard Laminator Operator (s)

7413-89 Wood Processing Machine Operators nec
Debarker Operator (s)
Drop-Sorter Operator (s)
Hogger Operator (s)
Leverman/woman (s)

Machine Stress Grader Operator (s)
Sawmill Moulder Operator (s)

7415 PAPER AND PAPER PRODUCTS MACHINE OPERATORS

PAPER AND PAPER PRODUCTS MACHINE OPERATORS operate wet and dry end papermaking machines and construct forms for use in cutting and creasing paperboard. They may supervise occupations in this unit group.

SKILL LEVEL

Entry requirement for this unit group is 1-2 years previous experience as a factory hand or printing machine assistant. 3-12 months on-the-job training is usual.

TASKS include:

- positioning roll of paper on machine reel and threading paper around rollers
- checking auxiliary equipment
- filling machinery with liquid stock prior to operation
- operating controls to regulate temperature, flow, pressure and speed of operation
- monitoring operation, smoothing wrinkles, observing flow of white water and pulp stock, and replenishing stock
- cutting and bending metal strips to form setting creases and cutting knives
- assembling block sections and metal strips to make forme and fitting forme in metal frame
- examining products for defects

OCCUPATIONS

7415-01 Supervisor, Paper and Paper Products Machine Operators

7415-11 Wet End Papermaking Machine Operator
Fourdrinier Machine Operator (s)
Inverform Machine Operator (s)
Paperboard Machine Operator (s)

7415-13 Dry End Papermaking Machine Operator
Paper Rewinder Operator (s)
Supercalender Operator (Papermaking) (s)

7415-15 Paper Products Machine Operator
Carton Cutting and Crease Forme Setter (s)
Carton Making Machine Operator (s)

7417 GLASS PRODUCTION MACHINE OPERATORS

GLASS PRODUCTION MACHINE OPERATORS set up and operate machines which make and process glass to form bottles, jars, drinking glasses and other such products. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- affixing, assembling or installing attachments
- setting up machines, installing moulds and components using hand tools
- weighing and adding ingredients prior to operation
- adjusting duct orifices to control size of molten gob
- adjusting valves, turntable, timing of plunger in glass-pressing machine and thermostatic controls to regulate temperature, pressure speed and flow of operation
- monitoring operations, spraying and swabbing moulds
- operating controls to control annealing time of formed glassware
- setting attachments for, and controlling ejection of, sub-standard products
- examining products for defects
- measuring samples with special instruments to check conformity to specifications
- cleaning and repairing machinery

OCCUPATIONS

- 7417-01 Supervisor, Glass Production Machine Operators**
Supervisor, Glass Furnace Operators (s)
- 7417-11 Glass Production Machine Operator**
Glass Furnace Operator (s)
Glass Laminating Operator (s)
Glass Maker (s)
Glass Melt Operator (s)
Glass Toughening Operator (s)

7419 CLAY AND STONE PROCESSING MACHINE OPERATORS

CLAY AND STONE PROCESSING MACHINE OPERATORS operate machines which manufacture and finish a variety of clay and stone products by extruding, moulding, mixing, grinding, cutting and other processes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2-6 months on-the-job training is usual.

TASKS include:

- measuring and adding ingredients
- selecting machine components for installation by fitters or installing smaller components
- positioning item on machine and setting grinding or cutting edge in position prior to operation
- checking machine and feeder functions
- operating controls to regulate temperature, pressure, flow and speed of operation
- shaping or cutting clay rotating on machines, using special tools
- controlling filling of moulds, finishing exposed surfaces
- removing stone from machine for further processing
- clearing blockages
- examining products for defects
- measuring samples with special instruments to

- check conformity to specifications
- unloading and stacking products (i.e. tiles, porcelain, pipes)
- cleaning and repairing machinery

OCCUPATIONS

- 7419-01 Supervisor, Clay and Stone Processing Machine Operators**
Supervisor, Concrete Products Machine Operators (s)
Supervisor, Fibre Cement Machine Operators (s)
- 7419-11 Concrete Products Machine Operator**
Concrete Pipe Machine Operator (s)
Concrete Pre-cast Moulder (s)
- 7419-13 Clay Products Machine Operator**
Clay, Brick and Tile Machine Operator (s)
- 7419-15 Stone Processing Machine Operator**
Stonemasonry Machinist (s)
Stone Polisher (s)
Stone Sawyer (s)
- 7419-17 Porcelain Turner**
- 7419-19 Plasterboard Maker**
Fibrous Plaster Maker (s)
- 7419-21 Fibre-Cement Machine Operator**
Fibre-Cement Moulder (s)
- 7419-99 Clay and Stone Processing Machine Operators nec**
Abrasive Wheel Maker (s)
Brake Lining Maker (s)

RELATED OCCUPATIONS

- 4925-13 Potter

7421 YARN PRODUCTION MACHINE OPERATORS

YARN PRODUCTION MACHINE OPERATORS operate machines which clean, compress and bale cotton and wool and card and spin yarn. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 months on-the-job training is usual.

TASKS include:

- positioning supply packages at feed end of the machine
- threading slivers or yarn through rollers or guides
- pinching or twisting ends to entwine with ends of preceding material prior to operation
- setting and operating controls to regulate speed, flow, air suction and/or temperature of operation
- monitoring operation, observing effectiveness of chemical washing and other treatments
- replenishing supply packages, repairing breaks in yarn, replacing spools and tending air suction tube
- removing lint from machine using brush and airhose
- weighing bales and taking samples for classing
- maintaining production records
- cleaning and lubricating equipment

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

OCCUPATIONS

7421-01 Supervisor, Yarn Production Machine Operators
Supervisor, Cotton Ginning Machine Operators (s)

7421-11 Yarn Carding and Spinning Machine Operator
Gill Box Operator (s)
Yarn Comber (s)
Yarn Drawing Machine Operator (s)
Yarn Texture Machine Operator (s)

7421-13 Cotton Ginner
Cotton Ginning Bookman/woman (s)

7421-15 Wool Scouring Operator

7423 HIDE AND SKIN PROCESSING MACHINE OPERATORS

HIDE AND SKIN PROCESSING MACHINE OPERATORS operate a variety of wet or dry area tanning, fellingmongering or leather finishing machines. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 12 months experience as a Hide and Skin Processing Labourer. 1-2 months on-the-job training is usual.

TASKS Include:

- preparing for operation by setting up machines, selecting and installing attachments or components for specialised functions
- mixing and adding dyes or chemicals
- loading hides or skins into feeder mechanism and feeding leather into rollers or presses
- operating controls to regulate processing time, temperature and conditions of operation
- checking moisture content of leather
- correcting misfeeds and clearing blockages
- installing different plates or rollers to attain desired imprints
- examining final products, measuring dimensions with special instruments
- maintaining production records
- cleaning work area and equipment

OCCUPATIONS

7423-01 Supervisor, Hide and Skin Processing Machine Operators

7423-11 Hide and Skin Processing Machine Operator
Fellmongering Machine Operator (s)
Hide and Skin Fleshing Machine Operator (s)
Leather Drying Operator (s)
Leather Finishing Machine Operator (s)
Leather Measuring Operator (s)
Leather Printing Operator (s)
Leather Splitting and Shaving Machine Operator (s)
Sawmilling Machine Operator (s)
Staking Machine Operator (s)
Tanning Machine Operator (s)
Woolpulling Machine Operator (s)

7425 FABRIC PRODUCTION MACHINE OPERATORS

FABRIC PRODUCTION MACHINE OPERATORS operate machines which prepare yarn and textile fibres for fabric production, weave and knit fabric, garments, carpets and rugs, finish and repair textile products. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-6 months on-the-job training is usual. 1-2 years experience as a textile machine operator is required for Textile Products Mender.

TASKS Include:

- installing attachments to machines
- mounting spools, reels, rolls or bobbins prior to operation
- preparing chemical solutions or dyes
- threading yarn through tension springs, guides, needles or reeds, slotting yarn through loom beams
- positioning packages of feed stock
- starting machine and monitoring operation to detect faults
- operating controls to regulate temperature, pressure, flow and treatment times for bleaching, dyeing, mercerising, shrinking, waterproofing, napping and texturing operations
- repairing breaks in yarn or faults in weave or knitting, replenishing feed packages and reels
- repairing textile products using mending gun, fringing machine or other equipment
- maintaining production records

OCCUPATIONS

7425-01 Supervisor, Fabric Production Machine Operators

7425-11 Warp Machine Operator
Beamer (s)
Warp Beamer (s)
Drawer-in (s)
Textile Dresser (s)
Textile Slesher (s)
Tie-in (s)
Warp Sizer (s)

7425-13 Weaver
Carpet Weaver (s)

7425-15 Textile Knitting Machine Operator

7425-17 Textile Dyeing and Finishing Machine Operator
Bleaching Machine Operator (s)
Fabric Dyer (s)
Garment Dyer (s)

7425-19 Rope and Cord Making Machine Operator

7425-21 Textile Products Mender

7425-99 Fabric Production Machine Operators nec
Fabric Bonding Machine Operator (s)
Feltmaker (s)
Needle Loom Operator (s)
Tufting Machine Operator (s)

7427 TEXTILE SEWING MACHINISTS

TEXTILE SEWING MACHINISTS operate a variety of industrial sewing machines to sew and finish garments, curtains and soft furnishings. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual. 12 months as a Textile Sewing Machinist (Single Needle) is required before becoming a Textile Sewing Machinist (Multi Needle).

TASKS include:

- selecting thread and drawing thread through guides, tensioners and needle eye and positioning materials to be sewn under pressure foot prior to operation
- affixing attachments to machine
- starting, stopping and controlling speed of machine with pedal(s) or knee levers
- guiding material or parts under the needle
- inspecting stitching for defects
- cutting excess material or thread from items manually or with machine blade
- notifying repair mechanic of machine malfunctions

OCCUPATIONS

7427-01 Supervisor, Textile Sewing Machinists

7427-11 Textile Sewing Machinist (Single Needle)
 Buttonhole Machinist (s)
 Garment Finishing Operator (s)
 Overlocker (s)

7427-13 Textile Sewing Machinist (Multi Needle)
 Blindstitcher (s)
 Glove Sewer (s)
 Hemstitching Machine Operator (s)
 Pocket Welt Machine Operator (s)

7429 SHOEMAKING MACHINE OPERATORS

SHOEMAKING MACHINE OPERATORS operate a variety of machines to fabricate footwear.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- position material or item in machine, affixing attachments, setting dies, drawing thread through guides, slots and needles prior to operation
- operating controls
- monitoring operation, guiding parts under cutter or needle manually or using controls
- trimming edges of shoe parts, assembling and cementing shoe parts
- checking piece or finished item for defects
- stacking in bundles according to size, shape and quality

OCCUPATIONS

7429-11 Shoemaking Machine Operator

Shoemaking Cementer (s)
 Heel Builder (s)
 Inker Machine Operator (Shoemaking) (s)
 Shoemaking Finisher (s)
 Shoemaking Table Hand (s)

RELATED OCCUPATIONS

4915 Shoemaking and Repairing Tradespersons
 7407 Plastics Production Machine Operators

7431 FOOD PROCESSING MACHINE OPERATORS

FOOD PROCESSING MACHINE OPERATORS operate machines which process a variety of foods and beverages in a multiplicity of ways. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-3 years previous experience as a factory hand in a food-related area. 2 months to 1 year on-the-job training is usual.

TASKS include:

- assembling and affixing attachments
- cleaning and sanitising equipment, pumps, hoses, storage tanks and vessels
- assembling flow lines
- transferring liquid stock, weighing, measuring and adding ingredients prior to operation
- loading feeder mechanism and starting machine
- operating controls to regulate temperature, pressure, flow and treatment time
- clearing blockages
- changing die to produce different shapes
- transferring stock progressively for different processes or stages
- collecting samples for analysis at various stages of the production process
- regulating discharge of contents of machine to storage or packaging machines
- maintaining production records

OCCUPATIONS

7431-01 Supervisor, Food Processing Machine Operators

7431-11 Grain and Cereal Processing Machine Operator
 Breakfast Cereal Maker (s)
 Food Processing Extruder Operator (s)
 Maltster (s)
 Pasta Maker (s)
 Screensman/woman (s)
 Smuttermen/woman (s)
 Stuffed Milling Machine Operator (s)
 Topman/woman (s)

7431-13 Sugar Processing Machine Operator
 Centrifuge Operator (Sugar Processing) (s)
 Evaporator Boiler (Sugar Processing) (s)
 Sugar Boiler and Pan Operator (s)
 Sugar Cane Crusher Operator (s)
 Sugar Dryer Operator (s)
 Sugar Melthouse Attendant (s)

7431-15 Soft Drink and Syrup Making Machine Operator (except Dairy)
 Fruit and Vegetable Juicer Operator (s)

GROUP DEFINITIONS

PLANT AND MACHINE OPERATORS, AND DRIVERS

Soft Drink Mixer (s)
Syrup Blender (s)

- 7431-17 Alcoholic Beverage Machine Operator**
Brewery Celler Worker (s)
Brewhouse Operator (s)
Spirit Blender (s)
Winery Cellarhand (s)

- 7431-19 Meat and Fish Processing Machine Operator**
Casings Worker (s)
Defeatherer and Eviscerator Operator (s)
Fish Plant and Machinery Operator (s)
Fish Smokehouse Operator (s)
Meat By-Products Machine Operator (s)
Meat Mincer Operator (s)
Meat Pickler (s)
Meat Smokehouse Operator (s)
Poultry Saws Operator (s)
Smallgoods Machine Operator (s)

- 7431-21 Milk Treatment Machine Operator**
Custard Maker (s)
Dried Milk Products Maker (s)
Yogurt Maker (s)

- 7431-23 Margarine Maker**
Margarine Blender (s)

- 7431-25 Ice-Cream Maker**
Gelato Maker (s)
Ice Confection Maker (s)

- 7431-27 Food Factory Cook**
Fish Cooker (s)
Food Processing Autoclave Operator (s)
Food Processing Retort Operator (s)
Fruit Conserve and Sauce Maker (s)

- 7431-99 Food Processing Machine Operators nec**
Food Size-grading Operator (s)
Frozen Food Machine Operator (s)
Fruit and Vegetable Dehydrator (s)
Fruit and Vegetable Peeling Machine Operator (s)
Pet Food Processing Machine Operator (s)
Vegemite Maker (s)
Yeast Maker (s)

RELATED OCCUPATIONS

- 7433 Packaging Machine Operators

7433 PACKAGING MACHINE OPERATORS

PACKAGING MACHINE OPERATORS operate machines which fill and seal various containers. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years previous experience as a factory hand in a food-related area. 1-2 months on-the-job training is usual.

TASKS include:

- checking cleanliness of machines and containers and testing machine functioning prior to operation
- feeding products into hoppers and filling devices
- holding container in machine and operating controls to fill, seal and label
- maintaining supply of product (including liquid) and containers
- clearing blockages

- operating controls to regulate rate of supply, flow and temperature of glue for cartons and temperature of continuous cooker for canning
- taking samples for quality control of both product and seal and to check date stamping
- cleaning work area and machinery
- maintaining production records

OCCUPATIONS

- 7433-01 Supervisor, Packaging Machine Operators**

- 7433-11 Liquids Filler**
Bottling Machine Operator (s)

- 7433-99 Packaging Machine Operators nec**
Baling and Compression Machine Operator (s)
Can Filler and Closer (s)
Depalletiser Operator (s)
Food Packaging Machine Operator (s)
Machine Labeller (s)
Palletiser Operator (s)
Sack and Bag Filler (s)
Shrink Wrap Operator (s)
Strapping Machine Attendant (s)

7435 PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS

PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS operate machines which cut and package photographic film and paper, develop film or print photographs. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 2 months on-the-job training is usual.

TASKS include:

- sorting cartridges
- removing exposed film from cartridges and loading feed spools in darkroom
- checking packaging supply
- adjusting machine setting
- preparing and adding chemical solutions
- starting machine
- inspecting negatives and adjusting machine to alter number, size and type of prints
- replenishing supply of chemicals, paper and water for developing processes or packages or cartridges for packaging
- transferring film for immersion in different solutions where operation is not fully automated
- inspecting prints for defects
- mounting transparencies in frames
- labelling film or paper on cartridge or package

OCCUPATIONS

- 7435-01 Supervisor, Photographic Products Machine Operators**
Supervisor, Photographic Developers and Printers (s)
Supervisor, Photographic Film Manufacturing Operators (s)

- 7435-11 Photographic Developer and Printer**
Copy Camera Operator (s)

Dark Room Attendant (s)
Microfiche Reproduction Operator (s)
Negative Producer and Cutter (s)
Photographic Enlarger Operator (s)
Photographic Laboratory Assistant (s)
Print Finisher (s)
Slide Developer (s)

7435-13 Photographic Film Manufacturing Operator
Film Cutter (s)
Film Spooler (s)
Photographic Paper Cutter (s)
Silver Recovery Operator (s)

RELATED OCCUPATIONS

3999-25 Photograph Retoucher.

7499 OTHER MACHINE OPERATORS

This unit group covers occupations not elsewhere classified in Minor Group 74, Machine Operators.

OCCUPATIONS

7499-01 Supervisor, Other Machine Operators

7499-11 Tobacco Technical Operator

7499-13 Tobacco Machine Attendant
Cigarette Making Machine Operator (s)
Tobacco Dryer Attendant (s)

7499-15 Dry Cleaning Machine Operator

7499-17 Laundry Machine Operator
Folding Machine Operator (s)

7499-19 Military Weapons Operator
Airfield Defence Guard (s)
Armoured Fighting Vehicle Crewman (s)
Armoured Fighting Vehicle Driver (s)
Assault Trooper (s)
Fire Controller (Navy) (s)
Gun Number (s)
Infantryman (s)
Mortarman (s)
Quartermaster Gunner (s)
Rifleman (s)

7499-21 Printing Bindery Assistant

7499-23 Printing Table Hand

7499-99 Machine Operators nec
Brushmaker (s)
Pressurised Container Filler (s)
Sandblaster (s)

MAJOR GROUP 8

LABOURERS AND RELATED WORKERS

LABOURERS AND RELATED WORKERS perform routine tasks, either manually or using hand tools and appliances. These tasks require minimal judgement and are usually performed under close supervision.

Occupations in this major group require no formal education or experience, but may require up to 12 months on-the-job training.

Tasks performed by Labourers and Related Workers typically include assisting Tradespersons; loading, moving, unloading and packing tools, materials, freight, and manufactured articles; assembling components, spray-painting products, mixing ingredients, cutting away waste material, and performing other manual manufacturing and construction tasks; assisting in the cultivation and production of plants and animals; cleaning equipment, premises and vehicles; attending to patrons in entertainment venues, hotels and passenger terminals; collecting garbage; protecting property; performing simple tasks in preparing food and cleaning kitchens; fitting vehicle accessories; and assisting with fishing operations.

Occupations in this major group are classified into the following minor groups:

- 81 TRADES ASSISTANTS AND FACTORY HANDS**
- 82 AGRICULTURAL LABOURERS AND RELATED WORKERS**
- 83 CLEANERS**
- 84 CONSTRUCTION AND MINING LABOURERS**
- 89 MISCELLANEOUS LABOURERS AND RELATED WORKERS**

MINOR GROUP 81

TRADES ASSISTANTS AND FACTORY HANDS

TRADES ASSISTANTS AND FACTORY HANDS perform routine tasks to assist one or more Tradespersons of a particular trade, or perform basic manual tasks in the production of manufactured products. Their tasks require minimal judgement, and are performed manually or using hand-held tools (e.g. spray-painting equipment), usually under close supervision.

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Trades Assistants and Factory Hands typically include cleaning worksites and tools; unloading materials for construction sites; assembling components of simple products; spray-painting and packing finished products; testing products to assess their quality and weight; and performing simple manual tasks in the manufacture of products.

Labourers who assist a number of Tradespersons of different trades on a construction site are excluded from this minor group because they do not require knowledge of a particular trade area. They are located in Minor Group 84, Construction and Mining Labourers.

Occupations in this minor group are classified into the following unit groups:

- 8101 TRADES ASSISTANTS**
- 8103 ASSEMBLERS**
- 8105 HAND PACKERS**
- 8107 INDUSTRIAL SPRAY PAINTERS**
- 8109 QUALITY CONTROLLERS**
- 8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS**

8101 TRADES ASSISTANTS

TRADES ASSISTANTS clean, load, transport and perform other routine tasks as directed by Tradespersons.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS include:

- positioning and holding metal stock, wood, heavy parts or products for Tradespersons
- collecting, cleaning and storing tools and equipment
- cleaning and preparing Tradesperson's working surface
- collecting and removing rubble and waste material from work area
- conveying instructions between Tradespersons
- maintaining simple records
- loading and unloading materials, tools and equipment, and transporting them about work area

OCCUPATIONS

- 8101-11 Metal Trades Assistant**
Blacksmith's Striker (s)
Boilermaker's Assistant (s)
Fitter's Assistant (s)
Metal Forger's Assistant (s)
Metal Moulder's Assistant (s)
- 8101-13 Construction Trades Assistant**
Bricklayer's Trades Assistant (s)

Carpenter's Trades Assistant (s)
Painter and Decorator's Assistant (s)
Plasterer's Assistant (s)
Plumber's Trades Assistant (s)
Roof Slater and Tiler's Assistant (s)
Signwriter's Assistant (s)
Wall and Floor Tiler's Assistant (s)

- 8101-15 Electrical and Telecommunications Trades Assistant**
Cable Joiner's Assistant (s)
Electrical Power Linesman/woman's Assistant (s)
Telecommunications Lineman/woman's Assistant (s)

- 8101-99 Trades Assistants nec**
Carpetlayer's Assistant (s)
Garage Assistant (s)
Lubrication Attendant (s)
Motor Mechanic's Trades Assistant (s)
Powder Monkey's Assistant (s)
Shot Frier's Assistant (s)

RELATED OCCUPATIONS

- 1601-15 Building Contractor
- 3207-11 Building Technician
- 44 Building Tradespersons

8103 ASSEMBLERS

ASSEMBLERS assemble components of metal products, electrical and electronic equipment, jewellery and wood products. They may supervise occupations in this unit group.

GROUP DEFINITIONS

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-13 weeks on-the-job training is usual.

TASKS include:

- following instructions and drawings to position and secure components and materials on workbench
- punching or drilling mounting holes in parts or assembled products
- assembling components in sequence by fastening, screwing, hammering, soldering or spot-welding using precision or heavy-duty hand or power tools
- deburring and finishing items using files, grinding wheels or emery paper
- examining product and rejecting defective items
- cutting wire into lengths and stripping insulation from it

OCCUPATIONS

- 8103-01 Supervisor, Assemblers**
- 8103-11 Metal and Metal Products Assembler**
Metal Window Assembler (s)
Vehicle Assembler (s)
- 8103-13 Electrical and Electronic Equipment Assembler**
Light Coil Winder (s)
- 8103-15 Jewellery Assembler**
Jewellery Benchworker (a)
- 8103-17 Wood Products Assembler**
Furniture Assembler (s)
Joinery Assembler (s)

8105 HAND PACKERS

HAND PACKERS weigh, wrap and label meat, fruit, vegetables or other products by hand.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual.

TASKS include:

- obtaining supply of prepared meat, fruit, vegetables or other products
- assembling containers, package folders and cartons
- slicing or cutting smoked or cured meat
- packing containers or bags with product, counting, weighing or measuring amount and adjusting quantity
- sealing bags, cartons or containers and placing pre-printed labels on them
- inspecting products and containers during packaging
- recording weight, number and packaging date of filled bags, containers or cartons

OCCUPATIONS

- 8105-11 Meat Packer**
Meat Wrapper (a)
- 8105-13 Fruit and Vegetable Packer**

LABOURERS AND RELATED WORKERS

- 8105-99 Hand Packers nec**
Grocery Packer (s)
Shirt Packer (s)

8107 INDUSTRIAL SPRAY PAINTERS

INDUSTRIAL SPRAY PAINTERS operate spray painting equipment to apply coatings to manufactured items.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- sanding, grinding or cleaning surface of item to be painted
- loading paint into machine
- securing item into clamps or frames in spray booth
- starting extractor and drying fans and heating globes
- spraying paint to apply an even coating onto item
- cleaning nozzles, containers and hoses of machines

OCCUPATIONS

- 8107-11 Industrial Spray Painter**

RELATED OCCUPATIONS

- 4405 Painters, Decorators and Signwriters
4605-11 Vehicle Painter

8109 QUALITY CONTROLLERS

QUALITY CONTROLLERS collect product samples and conduct tests to grade quality and weight and maintain records.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 months on-the-job training is usual.

TASKS include:

- inspecting products for defects
- selecting, examining and labelling samples
- preparing samples for testing by physical processes
- measuring quality, quantity and weight of products
- checking particular details of product or assembly
- removing defective articles
- preparing reports and documentation

OCCUPATIONS

- 8109-11 Product Grader**
Fruit and Vegetable Classifier (s)
Meat Grader (s)
Milk and Cream Grader (s)
Timber Grader (s)
- 8109-13 Product Examiner**
Quality Control Inspector (a)
Equipment Assembly Inspector (s)
Film Examiner (s)

LABOURERS AND RELATED WORKERS

GROUP DEFINITIONS

- Metal Products Viewer (s)
- Textile Examiner (s)
- Tyre Finisher and Examiner (s)
- Vehicle Assembly Inspector (s)
- 8109-15 **Product Tester**
 - Product Testing Assistant (a)
 - Coal Sample Tester (s)
 - Glassware Verifier (s)
 - Iron Pellet Tester (s)
- 8109-17 **Product Weigher**
- RELATED OCCUPATIONS**
- 3905 Inspectors and Regulatory Officers

8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS

This unit group covers occupations not elsewhere classified in Minor Group 91, Trades Assistants and Factory Hands.

OCCUPATIONS

- 8199-01 **Supervisor, Other Trades Assistants and Factory Hands**
- 8199-11 **Metal Processing and Finishing Factory Hand**
 - Metal Processing and Finishing Labourer (a)
 - Blast Furnace Helper (s)
 - Continuous Plant Galvaniser (s)
 - Metal Dipper (s)
 - Metal Processing Marker (s)
 - Tinning Line Assistant (s)
- 8199-13 **Sawmill Labourer**
 - Tailor Out (s)
 - Timber Stacker (s)
- 8199-15 **Wood and Wood Products Factory Hand**
 - Wood and Wood Products Labourer (a)
 - Furniture Manufacturing Labourer (s)
 - Hardboard Factory Hand (s)
 - Joinery Factory Hand (s)
 - Particleboard Factory Hand (s)
 - Plywood Factory Hand (s)
- 8199-17 **Pulp, Papermaking and Paper Products Factory Hand**
 - Pulp, Papermaking and Paper Products Labourer (a)
- 8199-19 **Cement and Concrete Plant Labourer**
- 8199-21 **Clay Processing Factory Hand**
 - Clay Processing Labourer (a)
 - Brick Handler (s)
 - Kiln Labourer (s)
- 8199-23 **Chemical Plant Labourer**

- Gas Plant Labourer (s)
- Munitions Factory Hand (s)
- Paint Factory Hand (s)
- 8199-25 **Rubber and Plastic Factory Hand**
 - Rubber and Plastic Products Labourer (a)
 - Cellular Plastics Cutter (s)
 - Hand Laminator (s)
 - Lay-up Hand (s)
 - Mould Hand (Plastics) (s)
 - Plastic Sheet Fabricator (s)
- 8199-27 **Hide and Skin Processing Labourer**
 - Fellmongery Hand (s)
 - Flesher Hand (s)
 - Tannery Hand (s)
- 8199-29 **General Hand (Printing)**
 - Newspaper Press General Hand (s)
 - Printing Machine Assistant (s)
- 8199-31 **Glassware Process Assistant**
 - Glass Mould Cleaner (s)
- 8199-33 **Meatworks Labourer**
 - Eviscerator (a)
 - Abattoir Sticker (s)
 - Animal Skinner (s)
 - Knockerdown (Abattoir) (s)
 - Offal Separator (s)
 - Stunner and Shackler (Abattoir) (s)
- 8199-35 **Meat Boner and Slicer**
 - Carcass Splitter (s)
 - Meat Trimmer (s)
- 8199-37 **Poultry Process Worker**
 - Poultry Boner (s)
 - Poultry Slaughterman/woman (s)
- 8199-39 **Fish Process Worker**
 - Fish Filleter (s)
 - Oyster Opener (s)
- 8199-41 **Baking Factory Hand**
 - Biscuit Factory Hand (s)
 - Bread Room Hand (s)
- 8199-43 **Dairy Factory Hand**
 - Cheese Factory Worker (s)
 - Milk Processing Worker (s)
- 8199-45 **Egg Process Worker**
 - Egg Candler (s)
- 8199-47 **Fruit and Vegetable Factory Hand**
- 8199-99 **Trades Assistants and Factory Hands nec**
 - Brushmaking Labourer (s)
 - Cloth Cutter (s)

RELATED OCCUPATIONS

- 7413 Wood Processing Machine Operators
- 7415 Paper and Paper Products Machine Operators

MINOR GROUP 82

AGRICULTURAL LABOURERS AND RELATED WORKERS

AGRICULTURAL LABOURERS AND RELATED WORKERS perform routine tasks to assist in the cultivation and production of animals (including fish, shellfish and bees) and plants on farms and in nurseries, gardens and forests. Their tasks require minimal judgement, and are performed either manually or using hand tools (including lawnmowers).

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Agricultural Labourers and Related Workers typically include loading and unloading farm and gardening supplies, livestock, logs and produce; cleaning work areas and equipment; inspecting the condition of plants and animals, and administering treatment; feeding and watering animals and fertilising and irrigating plants; harvesting crops and nursery seedlings; culling and grading or sorting crops and livestock; felling and debarking trees; and trapping or shooting wild animals for food and skins.

Farm workers who mainly operate agricultural machinery and drive farm vehicles, and Amenity Horticulture Machine Operators are excluded from this minor group because their primary tasks are not of a manual nature. They are located in Unit Group 7209, Agricultural Plant Operators.

Occupations in this minor group are classified into the following unit groups:

- 8201 FARM HANDS AND ASSISTANTS**
- 8203 FORESTRY LABOURERS**
- 8205 NURSERY AND GARDEN LABOURERS**
- 8299 OTHER AGRICULTURAL LABOURERS AND RELATED WORKERS**

8201 FARM HANDS AND ASSISTANTS

FARM HANDS AND ASSISTANTS assist farmers in agricultural establishments (including fisheries) by performing various manual and routine tasks. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- loading and unloading stockfeed, seed grain, fertiliser and other supplies and loading livestock, crops or containers of produce onto trucks
- grading, packaging and preparing produce for transport to markets
- cleaning and maintaining premises, machinery and equipment irrigating land and maintaining irrigation channels
- feeding, watering and rearing livestock and fish, cultivating shellfish
- inspecting animals for health and inoculating them
- culling immature and non-productive fruit and livestock
- planting, fertilising, spraying and harvesting crops such as cereals, vegetables and fruit by hand or using farm equipment
- assisting shearers by handling fleece and controlling sheep

OCCUPATIONS

8201-01 Supervisor, Farm Hands and Assistants
Farm Overseer (a)

8201-11 Livestock and Field Crop Farm Hand
Drover (s)
Horse Groom (s)
Musterer (s)
Stable Hand (s)
Station Hand (s)
Stockman/woman (s)
Strapper (s)
Stud Hand (s)

8201-13 Fruit, Vegetable and Nut Farm Hand
Fruit, Vegetable and Nut Picker (s)

8201-15 Shearing Shed Hand
Rouseabout (a)
Wool Presser (s)

8201-99 Farm Hands and Assistants nec
Apiary Assistant (s)
Fish Farm Worker (s)
Hatchery Assistant (s)
Oyster Grower's Assistant (s)
Poultry Farm Hand (s)
Seed Cleaner and Pickler (s)

8203 FORESTRY LABOURERS

FORESTRY LABOURERS perform manual tasks associated with felling trees, logging, cultivating and maintaining natural and plantation forests. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-12 months on-the-job training is usual.

TASKS include:

- collecting seeds, cultivating and planting seedlings for reforestation purposes
- pruning trees using axes or chainsaws
- applying fertilisers, insecticides and herbicides to individual trees or general forest areas
- clearing surrounding area of saplings and debris prior to tree-felling
- cutting scarf and backcut in tree
- operating manual or machine saws to fell trees
- debarking logs or trees
- assisting with loading and transporting logs
- maintaining buildings, facilities and equipment associated with forest

OCCUPATIONS

8203-01 Supervisor, Forestry Labourers
Forest Overseer (s)

8203-03 Supervisor, Logging Labourers
Bush Boss (a)

8203-11 Tree Faller
Hardwood Faller (s)
Softwood Faller (s)

8203-13 Forestry Worker
Fire Look-out (s)
Tree Planter (s)

8203-15 Logging Worker
Chokerman/woman (s)
Landing Operator (Logging) (s)
Log Chaser (s)
Sleeper Cutter (s)
Swampy (s)

8205 NURSERY AND GARDEN LABOURERS

NURSERY AND GARDEN LABOURERS plant, cultivate and harvest trees and plants in a plant nursery or assist gardeners in the cultivation, planting and maintenance of private and public gardens.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- preparing soils using hand tools or machines
- assisting in planting and transplanting
- watering, weeding and mowing gardens
- loading, unloading and moving gardening supplies and equipment
- removing rubbish from garden or nursery
- harvesting and packaging plants for sale or transport
- adjusting mist irrigation systems, shade and ventilation

OCCUPATIONS

8205-11 Nursery Assistant (Horticulture)
Nursery Hand (Horticulture) (a)

8205-13 Garden Labourer
Gardener's Assistant (a)
Lawn Mower (s)

8299 OTHER AGRICULTURAL LABOURERS AND RELATED WORKERS

This unit group covers occupations not elsewhere classified in minor group 82, Agricultural Labourers and Related Workers.

OCCUPATIONS

8299-11 Shooter-Trapper
Hunter (a)

8299-99 Agricultural Labourers and Related Workers
nec
Coral Collector (s)
Kelp and Seagrass Gatherer (s)

MINOR GROUP 83 CLEANERS

CLEANERS clean construction sites, commercial, industrial and domestic equipment and premises, and public transport vehicles. They may specialise in cleaning particular surfaces, such as carpet and glass. They use portable cleaning equipment such as industrial vacuum cleaners, mops and brooms.

Occupations in this minor group have a level of skill commensurate with 1-2 weeks on-the-job training.

Tasks performed by Cleaners typically include putting waste into large bins for easy disposal; dusting, washing and polishing surfaces, furniture and fittings; disinfecting surfaces and medical equipment; and removing residues from plant, machines and storage tanks using industrial cleaning chemicals.

Caretakers, Housekeepers and Ward Helpers are excluded from this minor group because cleaning is only one of several significant tasks they perform. They are located in Unit Groups 8913, 8915 and 8921, respectively.

Occupations in this minor group are classified into the following unit group:

8301 CLEANERS

8301 CLEANERS

CLEANERS clean building and construction sites, commercial, industrial and domestic equipment and premises, public transport vehicles and particular types of surface such as glass or carpet. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 weeks on-the-job training is usual, with the exception of Carpet Cleaner for which the requirement is 1-3 months.

TASKS include:

- operating industrial vacuum cleaner to remove scrap, dirt and debris from floors work areas and machinery
- cleaning furniture, fittings, walls, windows, ceilings and vehicle interiors
- stripping old wax, rewaxing, polishing, sweeping, mopping, and scrubbing floors
- polishing furniture
- applying acids and solvents to surfaces to remove stains
- removing lint, dust, soot and residue of oil, grease or sludge from machinery, interiors of furnaces, boilers and tanks
- disinfecting laundry, kitchen, toilet and bathroom fixtures and floors, and medical equipment

- cleaning carpet using steam ejecting wands and other special equipment

OCCUPATIONS

- 8301-01 Supervisor, Cleaners**
- 8301-11 Industrial Cleaner**
Aircraft Cabin Cleaner (s)
Factory Cleaner (s)
- 8301-13 Commercial Cleaner**
Houseman/maid (s)
Office Cleaner (s)
School Cleaner (s)
- 8301-15 Hospital Cleaner**
- 8301-17 Window Cleaner**
- 8301-19 Carpet Cleaner**
- 8301-21 Motor Vehicle Cleaner**
Car Detailer (s)
Car Wash Attendant (a)
- 8301-99 Cleaners nec**
Chimney Sweep (s)
Domestic Cleaner (s)
- RELATED OCCUPATIONS**
- 8915-13 Domestic Housekeeper**

MINOR GROUP 84 CONSTRUCTION AND MINING LABOURERS

CONSTRUCTION AND MINING LABOURERS perform routine tasks, either manually or using hand-held tools, on construction sites, roads and railways, and in mining, drilling and mineral ore treating operations. Their tasks require minimal judgement and are usually performed under close supervision.

Occupations in this minor group have a level of skill commensurate with 1-12 months on-the-job training.

Tasks performed by Construction and Mining Labourers typically include assisting in the erection of fences, buildings and other large structures, in the excavation and clearing of earth for road construction and mining, in surveying and mineral ore treating, and in installing insulation and other interior and exterior home improvements; and pouring, spreading and finishing concrete and other materials for the construction of structures and paved surfaces.

This Minor Group includes Builder's Labourers because they usually assist a number of Tradespersons of various trades, and Survey Hands and Fence Erectors because their tasks are similar to those of labourers on construction sites.

Occupations in this minor group are classified into the following unit groups:

- 8401 INSTALLATION WORKERS**
- 8403 CONCRETE WORKERS**
- 8405 STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS**
- 8407 EARTHMOVING LABOURERS**
- 8409 PAVING AND SURFACING LABOURERS**
- 8411 SURVEY HANDS**
- 8413 RAILWAY LABOURERS**
- 8415 MINING AND MINERAL ORE TREATING LABOURERS**
- 8499 OTHER CONSTRUCTION AND MINING LABOURERS**

8401 INSTALLATION WORKERS

INSTALLATION WORKERS install functional or decorative fittings, and install and apply a variety of insulation materials to improve resistance to heat, cold, air, sound or moisture, in established buildings and those under construction.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3 months on-the-job training is usual.

TASKS include:

- examining plans and specifications to determine location for insulation materials
- preparing site for insulation or installation of fittings by nailing up furring, drilling holes for screws and bolts, digging trenches and post holes, and erecting scaffolding
- nailing or stapling batt-type insulation to joists, studs or furring; gluing blocks and slabs of foamed plastic or cork to walls; operating equipment to blow or spray fibre fill or foam insulation material into cavities
- fitting awnings, flyscreens, shower screens, pre-fabricated windows and doors, exterior cladding and other home improvements using hand tools

OCCUPATIONS

- 8401-11** Building Insulation Installer
Window Tinter (s)
- 8401-13** Home Improvements Installer
Awnings Installer (s)
Carport Erector (s)
Curtain Fitter (s)
Exterior Cladding Installer (s)
Security Door Installer (s)
Shower Screen Installer (s)

RELATED OCCUPATIONS

- 1601-15** Building Contractor
- 44** Building Tradespersons
- 4921-11** Flat Glass Tradesperson

8403 CONCRETE WORKERS

CONCRETE WORKERS pour, spread, smooth and finish concrete surfaces on floors, stairs, ramps, footpaths, bridges and other structures using hand tools, trowelling machinery and power cutters.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 6-12 months on-the-job training is

GROUP DEFINITIONS

usual.

TASKS include:

- pouring concrete from mixer to specified area
- spreading concrete within a concrete form to specified depth by pulling and pushing screed or template over surface
- tamping, smoothing, shaping and sealing concrete to specified surface texture
- operating trowelling machine to float, trowel and polish large surface areas of concrete
- finishing vertical surfaces by wetting concrete and rubbing with abrasive stone
- cutting specified lines in concrete using power cutter
- forming expansion joints and edges using edging tools, jointers and straight-edge
- installing anchor bolts, steel plates, door sills and other fixtures in concrete according to specifications

OCCUPATIONS

- 8403-11 Concrete Worker
Concrete (a)
Concrete Extra Hand (s)
Concrete Finisher (s)
Concrete Formwork Stripper (s)
Concrete Slab Layer (s)

8405 STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS

STRUCTURAL STEEL AND RELATED CONSTRUCTION LABOURERS assemble and install rigging gear and erect strong temporary structures to enable safe movement of heavy objects and of personnel on construction sites, in shipyards and manufacturing plants, and position and secure steel bars or mesh in concrete forms to reinforce concrete structures permanently.

SKILL LEVEL

There is no specific entry requirement for this unit group, although some occupations require a 6-12 months basic certificate, 6-12 months on-the-job training is usual. A State Government licence or learner's permit is required for all occupations except Steel Fixer.

TASKS include:

- setting up winches, cranes and rigging equipment to raise and position girders, plates, columns and other steel units
- erecting guard rails, guy wires and hoisting gear
- laying planks and hanging safety nets
- selecting, fitting and bolting pipes and tubes until scaffold, crane or crane boom reaches required height
- selecting, cutting, bending and welding steel bars or mesh and fixing into position in formwork for concrete pours
- signalling hoist, winch or crane operator to guide positioning of load
- dismantling scaffolding, cranes and rigging equipment at completion of job

OCCUPATIONS

LABOURERS AND RELATED WORKERS

- 8405-11 Scaffolder
8405-13 Rigger (Construction)
Rigger's Assistant (s)
8405-15 Steel Fixer
8405-17 Structural Steel Erector

8407 EARTHMOVING LABOURERS

EARTHMOVING LABOURERS perform manual tasks associated with clearing, levelling and excavating engineering and construction sites and irrigation channels.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- burning scrub and removing rocks and sticks from site
- driving stakes into ground to indicate designated points of site
- trimming sides and corners not reached by the excavation machine
- spreading and levelling soil, gravel and sand
- shovelling excavated material onto conveyor, wheelbarrow or truck for removal from site
- rolling, lifting or guiding culvert sections into position

OCCUPATIONS

- 8407-11 Earthmoving Labourer
Grave Digger (s)

RELATED OCCUPATIONS

- 8409-11 Paving and Surfacing Labourer

8409 PAVING AND SURFACING LABOURERS

PAVING AND SURFACING LABOURERS perform manual tasks to spread, level, and compact bituminous and other paving material on roads, runways or parking areas, as part of construction or maintenance programmes. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- sweeping pavement bases prior to laying asphalt surfaces, cleaning worksite, loading and unloading equipment
- sprinkling or brushing hot or cold-mix asphalt over surfaces needing repair to bond topping to base
- operating tank-truck distributor or hose to spray tar, road oils and emulsions on graded surface prior to paving
- tripping tail-gate lever to discharge hot-mix asphalt into hopper of paving machine

LABOURERS AND RELATED WORKERS

- spreading stone chips, gravel or cold-mix asphalt onto road surface
- softening edges with blowtorch and cutting and trimming damaged surfaces with jackhammer
- shovelling asphalt mix into areas inaccessible to paving machines, levelling and compacting mix using rake and hand tamper

OCCUPATIONS

8409-01 Supervisor, Paving and Surfacing Labourers
Road Ganger (s)

8409-11 Paving and Surfacing Labourer
Asphalt Worker (s)
Bitumen Worker (s)
Road Maintenance Worker (s)

8411 SURVEY HANDS

SURVEY HANDS perform manual tasks to assist surveyors or geologists.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- clearing brush and debris from line of survey
- holding levelling staff in position at point indicated by surveyor to determine elevation
- cutting, making, flagging stakes and driving into ground to indicate grade settings, markers or boundaries
- calling out or noting survey readings
- collecting and labelling samples as directed
- transporting, assembling, dismantling, maintaining, laying out and retrieving prospecting and surveying equipment

OCCUPATIONS

8411-11 Survey Hand
Geological Survey Field Assistant (s)
Seismic Survey Assistant (s)
Survey Recorder (s)
Surveyor's Assistant (s)
Surveyor's Chainman/woman (s)

8413 RAILWAY LABOURERS

RAILWAY LABOURERS lay and repair tracks in railways, tramways, transfer yards, quarries and mines. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-3 months on-the-job training is usual.

TASKS include:

- laying sleepers at specified intervals across roadbed and positioning rails on sleepers
- cutting beds in sleepers for tie plates and driving spikes through tie plate into sleeper to fasten rail to sleeper

GROUP DEFINITIONS

- cutting, grinding and drilling rails
- bolting and welding sections of rail or switch components together
- lifting sleepers and rails and tamping ballast under sleepers
- curving rails with rail bender

OCCUPATIONS

8413-01 Supervisor, Railway Labourers
Tramway Ganger (s)

8413-11 Railway Labourer
Railway Fitter (s)
Railway Track Patrolman/woman (s)
Tramway Labourer (s)

8415 MINING AND MINERAL ORE TREATING LABOURERS

MINING AND MINERAL ORE TREATING LABOURERS perform manual tasks in mining, drilling and mineral ore treating operations as directed.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 months on-the-job training is usual.

TASKS include:

- assisting in the operation of drilling rigs, well treatment plants, continuous mining machines, mineral ore processing plants or other such equipment
- assisting in assembling and dismantling drilling rigs, pumps, conveyors and other equipment
- assembling ventilation ducting, water pipes, well tubing and other fittings
- loading, unloading, stacking and storing materials
- mixing drilling mud, ore treating and well servicing chemicals
- cleaning and maintaining equipment, removing spillage and debris from drilling floor
- maintaining drainage, fluids pumping, conveyor belt or other auxiliary systems
- taking samples of drilling mud, drill cores, mineral ore, rock dust and processed minerals

OCCUPATIONS

8415-11 Mining Labourer
Cable Hand (s)
Mine Sampler (s)
Mine Ventilation Hand (s)
Opal Miner (s)
Pit Crew Worker (s)
Prospector (s)
Quarry Labourer (s)
Roof Bolter (Mining) (s)
Salvage Miner (s)
Timberman/woman (Mining) (s)

8415-13 Driller's Offsider
Derrick Worker (s)
Roughneck (s)
Routeabout (s)
Well Treatment Offsider (s)

8415-15 Mineral Ore Processing Labourer
Screen and Loadout Attendant (s)
Tailings Dam Labourer (s)

GROUP DEFINITIONS

LABOURERS AND RELATED WORKERS

8499 OTHER CONSTRUCTION AND MINING LABOURERS

This unit group covers occupations not elsewhere classified in Minor Group 84, Construction and Mining Labourers.

OCCUPATIONS

8499-11 Logger

8499-13 Crane Chaser
Dogman/woman (s)
Slinger (s)

8499-15 Fence Erector
Fencer (s)

8499-17 Building Construction Labourer
Builder's Labourer (s)
Demolition Worker (s)

MINOR GROUP 89 MISCELLANEOUS LABOURERS AND RELATED WORKERS

This residual minor group covers all occupations in Major Group 8, Labourers and Related Workers which are not included in Minor Groups 81 - 84 above.

Occupations in this minor group are classified into the following unit groups:

- 8901 USHERS AND DOOR ATTENDANTS
- 8903 LUGGAGE PORTERS
- 8905 GARBAGE COLLECTORS
- 8907 STOREMEN/WOMEN
- 8909 FREIGHT AND FURNITURE HANDLERS
- 8911 GUARDS AND SECURITY OFFICERS
- 8913 CARETAKERS
- 8915 HOUSEKEEPERS
- 8917 LAUNDRY WORKERS
- 8919 KITCHENHANDS
- 8921 WARD HELPERS
- 8923 VEHICLE ACCESSORIES FITTERS
- 8925 FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN
- 8999 OTHER LABOURERS AND RELATED WORKERS

8901 USHERS AND DOOR ATTENDANTS

USHERS AND DOOR ATTENDANTS collect tickets, control admission and direct patrons in social and entertainment venues.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-12 weeks on-the-job training is usual.

TASKS include:

- advising on availability and location of seating
- recording booking
- inspecting membership cards, admission passes and tickets
- collecting fees and tickets
- preventing unauthorised entry
- directing patrons to their seats
- selling programmes and refreshments

OCCUPATIONS

- 8901-11 Door Attendant
Doorman/woman (s)
Bouncer (s)
- 8901-13 Entertainment Usher
Program Seller (s)
- 8901-15 Ticket Taker
Ticket Collector (s)
Gatekeeper (s)
Theatre Attendant (s)
Turnstile Attendant (s)

8903 LUGGAGE PORTERS

LUGGAGE PORTERS attend to guests' or passengers' luggage in hotels and passenger terminals and escort guests or passengers to their rooms or cabins. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 weeks on-the-job training is usual.

TASKS include:

- loading and unloading luggage
- hitching and un-hitching forklift and trolley
- transporting goods to receiving area using hand cart or trolley
- escorting guests to rooms
- carrying luggage
- providing information, and booking tours, taxis or restaurants, for guests

OCCUPATIONS

- 8903-01 Supervisor, Luggage Porters
Head Porter (s)
Hotel Concierge (s)
- 8903-11 Luggage Porter
Hotel Page (s)

GROUP DEFINITIONS

8905 GARBAGE COLLECTORS

GARBAGE COLLECTORS collect household, commercial and industrial waste for disposal. They may supervise occupations in this unit group.

SKILL LEVEL

There is no formal entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- lifting garbage in bags from bins at roadside and throwing into larger bin or directly into garbage truck
- operating compacting equipment in garbage trucks
- unloading garbage truck at rubbish tip

COMMENTS

Garbage Collectors who only drive garbage trucks are excluded from this unit group. They are located in Unit Group 7105, Truck Drivers.

OCCUPATIONS

8905-01 Supervisor, Garbage Collectors

8905-11 Garbage Collector
Garbologist (a)

8907 STOREMEN/WOMEN

STOREMEN/WOMEN receive, handle and despatch incoming or outgoing goods in a store or warehouse. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-6 weeks on-the-job training is usual.

TASKS include:

- receiving incoming goods, checking for damage and for discrepancies between goods and invoices
- labelling goods with details of storage location
- operating various types of machinery to lift, place and remove items on high levels
- operating specialised equipment such as manually or electronically guided order pickers and checking items off picking list
- issuing stores over counter
- assisting with regular stock-takes
- packaging and despatching outgoing goods

OCCUPATIONS

8907-01 Supervisor, Storemen/women

8907-11 Storeman/woman
Chiller Hand (s)
Shelf Stocker (Store) (s)
Stores Assistant (s)
Stores Despatch Hand (s)
Warehouse Assistant (s)

LABOURERS AND RELATED WORKERS

8909 FREIGHT AND FURNITURE HANDLERS

FREIGHT AND FURNITURE HANDLERS unpack, store, pack and despatch goods coming into or out of warehouse, pack furniture and household goods for freight, load and unload goods into and from freight trucks, containers, rail cars or aircraft. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week to 3 months on-the-job training is usual.

TASKS include:

- packing items into cartons and crates
- securing large items and crates for transport
- loading goods, and adjusting ropes, straps and padding
- unloading goods and moving to appropriate location
- writing inventory lists and checking inventories for discrepancies
- moving goods using manually operated equipment such as pallet lifters and hand trucks

OCCUPATIONS

8909-01 Supervisor, Freight and Furniture Handlers

8909-11 Freight Handler (Road and Rail)
Dockhand (s)

8909-13 Furniture Packer

8909-15 Wharf Labourer
Waterside Worker (a)

8909-17 Truck Driver's Offsider
Furniture Removalist's Assistant (s)

8911 GUARDS AND SECURITY OFFICERS

GUARDS AND SECURITY OFFICERS protect industrial, commercial and other property from theft, vandalism and illegal entry or provide armed escort or drive armoured cars to protect money and valuables in transit. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 3-6 months on-the-job training is usual.

TASKS include:

- inspecting locks, windows, doors and surroundings to deter or detect illegal entry into premises
- inspecting alarm systems and safety equipment to ensure adequate functioning in the case of hazards
- patrolling areas and guarding property
- investigating disturbances and unusual occurrences
- travelling as escort in armoured cars containing cash or valuables

OCCUPATIONS

8911-01 Supervisor, Guards and Security Officers

8911-11 Railway Patrol Officer

LABOURERS AND RELATED WORKERS

Railway Security Guard (s)

- 8911-13 Security Officer
Night Watchman/woman (s)
Protective Service Officer (s)
Security Guard (s)
Security Patrol Officer (s)

- 8911-15 Railway Guard

- 8911-99 Guards and Security Officers nec
Lifeguard (s)
Pool Attendant (s)

8913 CARETAKERS

CARETAKERS clean and maintain apartment buildings, schools, offices, hotels and motels, holiday camps or caravan parks and associated grounds.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- cleaning and maintaining grounds and common facilities
- inspecting fire and safety equipment to ensure adequate functioning
- purchasing cleaning supplies, replacing light bulbs, notifying owner of need for major repairs
- patrolling premises to ensure security
- informing tenants of rules
- collecting rentals and renewing leases

OCCUPATIONS

- 8913-11 Caretaker
Janitor (s)

8915 HOUSEKEEPERS

HOUSEKEEPERS perform cleaning and housekeeping duties in private homes, hotels, motels and other lodging establishments.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 week on-the-job training is usual.

TASKS include:

- preparing, cooking and serving meals and refreshments
- purchasing food and household supplies
- cleaning and tidying home or lodging establishment

OCCUPATIONS

- 8915-11 Executive Housekeeper
Accommodation and Lodging Housekeeper (s)

- 8915-13 Domestic Housekeeper

RELATED OCCUPATION

- 6607-11 Home Companion

GROUP DEFINITIONS

8917 LAUNDRY WORKERS

LAUNDRY WORKERS load and tend washing and drying machines, unload machines and mark, press, fold, stack and package laundry. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-4 weeks on-the-job training is usual.

TASKS include:

- sorting articles by type, colour, fabric and cleaning treatment required
- placing articles into appropriate receptacles or on conveyor belts for transportation to repair or cleaning areas
- loading machines, smoothing articles and guiding articles through machines
- folding, rolling, counting and stacking processed articles
- matching invoice descriptions to articles
- packaging articles for delivery
- operating pressing machines

OCCUPATIONS

- 8917-01 Supervisor, Laundry Workers

- 8917-11 Laundry Worker
Clothing Presser (s)
Laundromat Attendant (s)
Laundry Assistant (s)
Linen Sorter (s)

8919 KITCHENHANDS

KITCHENHANDS assist other kitchen and service staff in preparing and serving food, and cleaning food preparation and service areas in hotels, motels, restaurants, clubs, cafeterias and other establishments which serve food (except hospitals).

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1 month on-the-job training is usual.

TASKS include:

- preparing and cooking simple food items
- arranging food and beverages on trays for serving
- assisting in serving food to patrons
- washing cutlery, crockery and utensils
- washing and cleaning kitchen areas

OCCUPATIONS

- 8919-11 Kitchenhand
Dishwasher (s)
Pantrymaid/man (s)
Tea Lady/Man (s)

RELATED OCCUPATIONS

- 8921-13 Hospital Food Serviceperson

GROUP DEFINITIONS

8921 WARD HELPERS

WARD HELPERS assist in caring for patients in hospitals, nursing homes and clinics, ensure that wards are clean and tidy, and portion and serve food as directed. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although 1-2 months on-the-job training is usual.

TASKS include:

- cleaning instruments and utensils, storing medical and kitchen supplies
- portioning, assisting with final preparations and serving food to patients
- changing bed linen, and making beds
- cleaning and tidying wards
- lifting patients on and off beds
- bathing and feeding patients

OCCUPATIONS

8921-01 Supervisor, Ward Helpers

8921-11 Ward Assistant
Hospital Orderly (a)
Hospital Porter (s)
Wardman/maid (s)

8921-13 Hospital Food Serviceperson
Dietary Aide (a)

8921-15 Nursing Assistant
Nurse Attendant (s)

RELATED OCCUPATIONS

6505 Waiters and Waitresses
6609-11 Flight Attendant
6609-13 Marine Steward

8923 VEHICLE ACCESSORIES FITTERS

VEHICLE ACCESSORIES FITTERS fit and replace vehicle accessories. They may supervise occupations in this unit group.

SKILL LEVEL

The entry requirement for this unit group is 1-2 years experience as a factory hand. 2 months on-the-job training is usual.

TASKS include:

- removing complete sub-assembly units or parts
- testing the functioning of units or parts or inspecting and measuring to determine amount of wear
- dismantling vehicle or sub-assembly, removing damaged parts or accessories
- fitting replacement or new tyres, wheels, windscreens, and mufflers
- checking functioning of system after new parts have been fitted

LABOURERS AND RELATED WORKERS

OCCUPATIONS

8923-01 Supervisor, Vehicle Accessories Fitters

8923-11 Vehicle Accessories Fitter
Muffler Fitter (s)
Windscreen Fitter (s)
Tyre and Tube Fitter (s)

8925 FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN

FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN maintain ship's equipment and structures and catch fish, crustaceans and molluscs. They may supervise occupations in this unit group.

SKILL LEVEL

There is no specific entry requirement for this unit group, although up to 3 months on-the-job training is usual. State and Commonwealth authorities issue fishing licences.

TASKS include:

- standing lookout watches at sea and alerting deck officer to sightings of other vessels, navigation marks or hazards
- maintaining ship's equipment, cargo gear, rigging, life-saving and fire-fighting appliances
- washing and painting decks, ship's sides and superstructure
- laying and hauling in nets, lines and traps used to catch fish, crustaceans and molluscs
- sorting, cleaning and stowing catch

OCCUPATIONS

8925-01 Boatswain
Bosun (a)

8925-11 Seaman/woman
Deckhand (a)
Sailor (a)
Barge Hand (s)
Coxswain (s)
Ferry Hand (s)
Tug Hand (s)

8925-13 Fisherman/woman
Fisher (a)
Abalone Shucker (s)
Prawner (s)

8999 OTHER LABOURERS AND RELATED WORKERS

This unit group covers occupations not elsewhere classified in Minor Group 89, Miscellaneous Labourers and Related Workers.

OCCUPATIONS

8999-11 Animal Attendant
Animal Groom (except Horse) (s)
Kennelman/maid (s)

8999-13 Pest and Weed Controller
Fumigator (s)
Pest Exterminator (s)

LABOURERS AND RELATED WORKERS**GROUP DEFINITIONS**

- 8999-15 Vending Machine Attendant
Poker Machine Attendant (s)
- 8999-17 Lampman/woman
Lamproom Attendant (a)
- 8999-19 Handyman/woman
Hotel Useful (s)
Hotel Yardman/woman (s)
- 8999-21 Funeral Attendant
Undertaker's Assistant (a)
Crematorium Assistant (s)
- 8999-23 Veterinary Nurse
Animal Nurse (s)
Veterinary Attendant (s)
- 8999-25 Railway Station Assistant
- 8999-27 Automotive Parts Recycler
- 8999-99 Labourers and Related Workers nec
Car Park Attendant (s)
First Aid Officer (s)
Grain Binsman/woman (s)
Grip (s)
Parking Meter Collector (s)
Pool Serviceperson (s)
Public Telephone Money Collector (s)
Railway Crossing Attendant (s)
School Crossing Attendant (s)
Stage Assistant (s)
Stagehand (s)
Studio Hand (s)

ASCO

STATISTICAL CLASSIFICATION

PART 3

KEYWORD INDEX OF STRUCTURE TITLES

INTRODUCTION

Occupation titles (Principal, Alternative and Specialisation) contained in Structure and Group Definitions are indexed in this part under keywords to enable users of the Classification to locate relevant titles and unit group definitions.

The keywords used in this part are any significant words occurring in such a title, that is, any words other than articles, conjunctions and prepositions.

Keywords are arranged in alphabetical order. Each keyword is followed by a list of all titles in which it appears, with the appropriate ASCO occupation (6-digit) code for each.

Each title containing more than one keyword appears more than once in this index. Thus the Principal title 'Clerk of High Court' appears under 'Clerk', 'High', and 'Court' (but not under 'of').

This Index is designed to assist users to locate unit group definitions in the Structure and Group Definitions using significant words from occupation titles.

In particular this Index is intended to be used to find appropriate locations for occupation title questionnaire responses which cannot be found in the Coding Index. All significant words in the title response should be used as keys to identify Unit Group codes.

The procedure for dealing with such responses is as follows:

- identify possible unit group codes by using the Keyword Index of Structure Titles;

- select possible unit group codes by comparing the unit group definitions contained in the Structure and Group Definitions with all information contained in the response;

- make a final selection by referring to the Coding Index or the Coding Index: Numerical Order.

This index is intended to be a guide to locating relevant unit group definitions in Structure and Group Definitions. Codes from this Index should not be allocated without referring to Structure and Group Definitions and the Coding Index or the Coding Index: Numerical Order to ensure that the code is appropriate, even when there is only one code or only one title shown under a particular keyword.

The reason for such a cautious approach to using this Index is that it is based on the set of titles in Structure and Group Definitions. These titles are intended to convey the clearest possible idea of the content of the particular occupation. An entry under a particular keyword does not contain the kinds of titles people would use when describing their occupations on a questionnaire, nor is it an exhaustive list of unit groups concerned with a particular industry, product or process. It is simply a list of Structure titles containing a particular significant word.

KEYWORD	CODE	TITLE
A-GRADE	4901-11	Wood Machinist (A-Grade)
ABALONE	4999-23	Abalone Diver
	8925-13	Abalone Shucker
ABATTOIR	4701-01	Supervisor, Abattoir Workers
	8199-33	Abattoir Sticker
	8199-33	Knockerdown (Abattoir)
	8199-33	Stunner and Shackler (Abattoir)
ABORIGINAL	2407-99	Aboriginal Education Teacher
	2607-11	Aboriginal Ceremonial Celebrant
ABRASIVE	7419-99	Abrasive Wheel Maker
ACCESSORIES	6301-25	Sales Assistant (Vehicle Parts and Accessories)
	8923-01	Supervisor, Vehicle Accessories Fitters
	8923-11	Vehicle Accessories Fitter
ACCOMMODATION	3905-99	Travel Accommodation Inspector
	8915-11	Accommodation and Lodging Housekeeper
ACCOMPANIST	2815-17	Accompanist
ACCOUNT	2703-11	Advertising Account Executive
ACCOUNTANT	1301-11	Chief Accountant
	2701-11	Accountant
	2701-91	Cadet Accountant
	2701-91	Trainee Accountant
	5301-17	Bank Accountant
	5301-17	Branch Accountant (Financial Institution)
ACCOUNTING	5203-11	Accounting Machinist
	5301-01	Supervisor, Accounting Clerks
	5301-13	Investment Accounting Clerk
ACCOUNTS	5301-13	Accounts Clerk
ACROBAT	2817-13	Acrobat
ACTIVITIES	2999-17	Activities Officer
ACTOR	2817-11	Actor
ACTUARIAL	5305-01	Supervisor, Statistical and Actuarial Clerks
	5305-13	Actuarial Clerk
ACTUARY	2909-15	Actuary
ACUPUNCTURIST	2399-99	Acupuncturist
ADJUSTER	3905-29	Loss Adjuster
	4213-11	Scalesmaker and Adjuster
ADMINISTRATIVE	1103-17	Administrative Appeals Tribunal Member
ADMINISTRATOR	1101-99	Northern Territory Administrator
	1201-11	Hospital Administrator
	1315-11	Nurse Administrator
	1399-99	Religious Administrator
	1599-13	Sports Centre Administrator
	2601-11	Social Planner and Administrator
	2707-21	Database Administrator
	2799-11	Health Data Administrator
	2799-11	Medical Record Administrator
ADMISSIONS	5601-15	Admissions Clerk
ADMITTING	5601-15	Hospital Admitting Clerk
ADVERTISING	1303-11	Advertising Manager
	2703-11	Advertising Account Executive
	5999-15	Classified Advertising Clerk
	6201-21	Sales Representative (Advertising)

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KEYWORD	CODE	TITLE
ADVISER	2107-25 2107-27 2603-17 2905-13 2905-13 2999-17 6101-99 6507-13	Forestry Adviser Agricultural Adviser Careers Counsellor and Adviser Early Child Care Adviser Pre-School Adviser Recreation Adviser Investment Adviser Tourist Adviser
ADVISORY	2905-11	Curriculum Advisory Teacher
AERIAL	3201-17	Aerial Survey Technician
AEROBICS	2505-99	Aerobics Instructor
AERONAUTICAL	2219-11 3299-99	Aeronautical Engineer Aeronautical Engineering Technical Officer
AGENCY	1599-17 1599-99	Real Estate Agency Manager Stock and Station Agency Manager
AGENT	2701-11 3999-99 5503-13 5901-11 6103-11 6105-13 6507-11	Tax Agent Inquiry Agent Customs Agent Collection Agent Insurance Agent Leasing Agent Travel Agent (Commercial)
AGENTS	6103-01	Supervisor, Insurance Brokers and Agents
AGRICULTURAL	2107-27 2107-27 2107-27 2219-13 2901-11 3103-29 3103-31 3301-11 3999-99	Agricultural Adviser Agricultural Consultant Agricultural Extension Officer Agricultural Engineer Agricultural Economist Agricultural Technical Officer Agricultural Technician Agricultural Pilot Agricultural Secretary
AGROMETEOROLOGIST	2199-15	Agrometeorologist
AGRONOMIST	2107-19	Agronomist
AGROSTOLOGIST	2107-19	Agrostologist
AID	8999-99	First Aid Officer
AIDE	5903-11 6601-11 6601-13 6603-11 6607-13 8921-13	Teachers' Aide Pre-School Aide Child Care Aide Nurses' Aide Family Aide Dietary Aide
AIR	1201-11 2199-11 2205-13 2219-11 3201-17 3207-15 3299-99 3299-99 3303-11 3303-25 3303-91 3303-99 7317-11	Air Force ranks above and including Air Commodore Air Pollution Analyst Air Photo Plotter (Air Force) Air Safety Engineer Communications Electronic Systems Technician (Air Force) Photographic Interpreter (Air Force) Aircraft Systems Technician (Air Force) Avionics System Technician (Air Force) Air Traffic Controller Air Observer (Rescue) Trainee Air Traffic Controller Air Defence Officer Air Track Operator
AIR-CONDITIONING	2213-11 3205-11	Air-Conditioning Engineer Air-Conditioning Drafting Officer

KEYWORD	CODE	TITLE
	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
	4307-11	Air-Conditioning Mechanic
	4307-11	Air-Conditioning Technician
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	4601-11	Automotive Air-Conditioning Mechanic
	7303-11	Air-Conditioning Plant Operator
AIRBORNE	3303-99	Airborne Electronics Analyst
AIRCRAFT	3201-15	Aircraft Electronics Technical Officer
	3299-99	Aircraft Detail Draftsperson
	3299-99	Aircraft Systems Technician (Air Force)
	3301-11	Aircraft Captain
	3301-11	Aircraft Pilot
	3303-23	Aircraft Navigator
	3303-25	Aircraft Crewman/woman (Military and Rescue)
	4103-13	Aircraft Machinist
	4103-91	Apprentice Aircraft Machinist
	4211-01	Supervisor, Aircraft Maintenance Engineers
	4211-11	Aircraft Engine Fitter
	4211-11	Aircraft Ground Engineer (Engines)
	4211-11	Aircraft Maintenance Engineer (Engines)
	4211-11	Aircraft Mechanic (Engines)
	4211-11	Examiner of Aircraft Engines
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11	Line Maintenance Aircraft Engineer (Engines)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)
	4211-15	Aircraft Electrical Engineer
	4211-15	Aircraft Ground Engineer (Electrical)
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Examiner of Aircraft (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Aircraft Ground Engineer (Radio)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Aircraft Mechanic (Radio)
	4211-17	Examiner of Aircraft Radio
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Aircraft Ground Engineer (Instruments)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Aircraft Mechanic (Instruments)
	4211-19	Examiner of Aircraft Instruments
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
	4211-91	Apprentice Aircraft Ground Engineer
	4211-91	Apprentice Aircraft Maintenance Engineer
	4211-91	Apprentice Aircraft Mechanic
	4999-27	Aircraft Safety Equipment Worker
	5503-11	Aircraft Load Controller
	6609-01	Aircraft Purser
	7299-99	Military Aircraft Handler
	8301-11	Aircraft Cabin Cleaner
AIRFIELD	7499-19	Airfield Defence Guard
AIRFRAME	3299-99	Airframe Technical Officer
	4211-13	Airframe Fitter
	4211-13	Airframe Mechanic
AIRFRAMES	3303-19	Airworthiness Surveyor (Airframes)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Examiner of Airframes
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)
AIRLINE	6405-11	Airline Traffic Officer (Passenger Services)

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KEYWORD	CODE	TITLE
AIRWAYS	3303-17	Airways Surveyor
AIRWORTHINESS	3303-19	Airworthiness Surveyor
	3303-19	Airworthiness Surveyor (Airframes)
	3303-19	Airworthiness Surveyor (Electrical and Instruments)
	3303-19	Airworthiness Surveyor (Engines)
	3303-19	Airworthiness Surveyor (Radio)
ALARMS	4311-99	Alarms Installer
ALCOHOL	2603-11	Drug and Alcohol Counsellor
ALCOHOLIC	7431-17	Alcoholic Beverage Machine Operator
ALDERMAN/WOMAN	1101-99	Alderman/woman
ALLERGIST	2303-99	Clinical Allergist
ALUMINIUM	7315-11	Pot Operator (Aluminium)
AMBASSADOR	1101-99	Ambassador
AMBULANCE	1399-99	Ambulance Superintendent
	3909-11	Ambulance Officer
	3909-11	Ambulance Paramedic
AMENITY	7209-13	Amenity Horticulture Machine Operator
AMMUNITION	4999-29	Ammunition Technician
AMUSEMENT	4399-13	Amusement Machine Mechanic
ANAESTHETIC	3101-99	Anaesthetic Technician
ANAESTHETIST	2303-11	Anaesthetist
ANALYST	2199-11	Air Pollution Analyst
	2199-11	Land Degradation Analyst
	2199-11	Water Quality Analyst
	2707-15	Analyst Programmer
	2707-17	Communications Analyst
	2707-17	Computer Analyst
	2707-17	Computer Systems Analyst
	2707-17	Database Analyst
	2707-17	EDP Analyst
	2707-17	Telecommunications Analyst
	2707-25	EDP Security Analyst
	2799-15	Organisation and Methods Analyst
	2799-15	Procedures Analyst
	2907-99	Market Research Analyst
	2909-11	Operations Research Analyst
	3103-11	Chemical Process Analyst
	3303-99	Airborne Electronics Analyst
	3999-27	Forms Analyst
	3999-27	Forms Analyst and Designer
	3999-29	Credit and Loans Analyst
ANATOMIST	2107-11	Anatomist
	2107-19	Plant Anatomist
ANIMAL	2107-11	Animal Morphologist
	2107-23	Animal Nutritionist
	2107-23	Animal Taxonomist
	3103-27	Animal Technician
	4931-99	Animal Trainers nec
	8199-33	Animal Skinner
	8999-11	Animal Attendant
	8999-11	Animal Groom (except Horse)
	8999-23	Animal Nurse
ANIMATOR	2805-13	Animator
ANNEALER	7315-13	Annealer

KEYWORD	CODE	TITLE
ANNOUNCER	2819-11	Announcer
ANODE	7399-33	Anode Press Operator
ANODISER	4209-13	Anodiser
ANTHROPOLOGIST	2907-99	Anthropologist
ANTIQUE	4903-11	Antique Furniture Reproducer
	4903-11	Antique Furniture Restorer
APIARIST	1401-35	Apiarist
APIARY	8201-99	Apiary Assistant
APPAREL	4911-13	Apparel Sample Hand
	4911-15	Apparel Cutter
APPEALS	1103-17	Administrative Appeals Tribunal Member
APPLIANCE	4303-13	Electrical Appliance Servicer
APPLICATIONS	2707-11	Applications Programmer
APPOINTMENTS	5601-11	Appointments Clerk
APPRENTICE	1401-91	Farm Apprentice
	3915-91	Apprentice Jockey
	4101-91	Apprentice Toolmaker
	4103-91	Apprentice Aircraft Machinist
	4103-91	Apprentice Automotive Machinist
	4103-91	Apprentice Fitter, Turner and Machinist
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Metal Fitter and Machinist
	4103-91	Apprentice Sewing Machine Mechanic
	4103-91	Apprentice Textile Mechanic
	4201-91	Apprentice Blacksmith
	4201-91	Apprentice Farrier
	4201-91	Apprentice Forging Tradesperson
	4203-91	Apprentice Coppersmith
	4203-91	Apprentice Metal Spinner
	4203-91	Apprentice Sheetmetal Tradesperson
	4205-91	Apprentice Boilermaker
	4205-91	Apprentice Metal Fabricator
	4205-91	Apprentice Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	4205-91	Apprentice Template Maker
	4205-91	Apprentice Welder
	4207-91	Apprentice Metal Casting Patternmaker
	4207-91	Apprentice Metal Casting Tradesperson
	4207-91	Apprentice Moulder and Coremaker
	4209-91	Apprentice Electroplater
	4209-91	Apprentice Metal Finishing Tradesperson
	4209-91	Apprentice Metal Polisher
	4211-91	Apprentice Aircraft Ground Engineer
	4211-91	Apprentice Aircraft Maintenance Engineer
	4211-91	Apprentice Aircraft Mechanic
	4213-91	Apprentice Locksmith
	4213-91	Apprentice Precision Metal Tradesperson
	4213-91	Apprentice Saw Maker and Repairer
	4213-91	Apprentice Watch and Clock Repairer
	4301-91	Apprentice Electrical Powerline Tradesperson
	4303-91	Apprentice Electrical Fitter
	4305-91	Apprentice Automotive Electrician
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	4309-91	Apprentice Electrical Mechanic
	4309-91	Apprentice Electrician
	4313-91	Apprentice Radio and Television Servicer
	4315-91	Apprentice Office Equipment and Computer Servicer

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KEYWORD	CODE	TITLE
	4399-99	Apprentice Electronic Instrumentation Tradesperson
	4401-91	Apprentice Carpenter
	4401-91	Apprentice Carpenter and Joiner
	4401-91	Apprentice Joiner
	4403-91	Apprentice Bricklayer
	4405-91	Apprentice Painter, Decorator and Signwriter
	4407-91	Apprentice Plasterer
	4409-91	Apprentice Drainer
	4409-91	Apprentice Gasfitter
	4409-91	Apprentice Leadburner
	4409-91	Apprentice Plumber
	4409-91	Apprentice Sprinkler Fitter
	4411-91	Apprentice Roof Slater and Tiler
	4413-91	Apprentice Wall and Floor Tiler
	4501-91	Apprentice Compositor
	4503-91	Apprentice Graphic Reproduction Tradesperson
	4505-91	Apprentice Printing Machinist
	4507-91	Apprentice Binder and Finisher
	4509-91	Apprentice Stereotyper and Electrotyper
	4511-91	Apprentice Screen Printer
	4601-91	Apprentice Brake Mechanic
	4601-91	Apprentice Diesel Motor Mechanic
	4601-91	Apprentice Motor Mechanic
	4601-91	Apprentice Motorcycle Mechanic
	4601-91	Apprentice Small Engine Mechanic
	4603-91	Apprentice Panel Beater
	4605-91	Apprentice Vehicle Painter
	4607-91	Apprentice Vehicle Body Maker
	4609-91	Apprentice Vehicle Trimmer
	4701-91	Apprentice Butcher
	4701-91	Apprentice Meat Tradesperson
	4701-91	Apprentice Slaughterman/woman
	4701-91	Apprentice Smallgoods Maker
	4703-91	Apprentice Baker and Pastrycook
	4705-91	Apprentice Cook
	4799-91	Apprentice Buttermaker
	4799-91	Apprentice Cheesemaker
	4799-91	Apprentice Confectioner
	4799-91	Apprentice, Other Food Trades
	4801-91	Apprentice Nurseryman/woman
	4803-91	Apprentice Greenkeeper
	4805-91	Apprentice Gardener
	4805-91	Apprentice Landscape Gardener
	4901-91	Apprentice Wood Machinist
	4901-93	Apprentice Wood Turner
	4903-91	Apprentice Cabinetmaker
	4905-91	Apprentice Cane Furniture Maker
	4905-91	Apprentice Cooper
	4905-91	Apprentice Furniture Finisher
	4905-91	Apprentice Model Maker
	4905-91	Apprentice Picture Framer
	4905-91	Apprentice Wood Carver
	4905-91	Apprentice, Other Wood Trades
	4907-91	Apprentice Boatbuilder
	4907-91	Apprentice Marine Construction Tradesperson
	4907-91	Apprentice Ship's Carpenter
	4907-91	Apprentice Shipwright
	4911-91	Apprentice Garment Tradesperson
	4911-91	Apprentice Tailor
	4913-91	Apprentice Upholsterer and Bedding Tradesperson
	4915-91	Apprentice Clicker
	4915-91	Apprentice Shoemaker and Repairer
	4917-91	Apprentice Canvas Goods Maker
	4917-91	Apprentice Leather Goods Maker
	4917-91	Apprentice Sailmaker
	4917-91	Apprentice, Other Leather and Canvas Trades

KEYWORD	CODE	TITLE
	4919-91	Apprentice Floor Coverer
	4921-91	Apprentice Flat Glass Tradesperson
	4923-91	Apprentice Diamond Cutter
	4923-91	Apprentice Jeweller
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
	4923-91	Apprentice Silversmith
	4925-91	Apprentice Craftworker
	4925-91	Apprentice Musical Instrument Maker and Repairer
	4925-91	Apprentice Piano Tuner
	4925-91	Apprentice Potter
	4927-91	Apprentice Hairdresser
	4999-91	Apprentice Dental Mechanic
	4999-91	Apprentice Florist
	4999-91	Apprentice Optical Mechanic
	4999-91	Apprentice Stonemason
	4999-91	Apprentice, Other Trades
ARBITRATION	1103-19	Conciliation and Arbitration Commissioner
	3905-23	Arbitration Inspector
ARBORICULTURIST	4805-15	Arboriculturist
ARC	4205-19	Arc Welder
	4205-19	Gas-shielded Arc Welding Operator
ARCH	4403-11	Arch Builder
ARCHAEOLOGIST	2907-99	Archaeologist
ARCHITECT	2201-11	Architect
	2201-11	Chief Architect
	2201-13	Landscape Architect
	2219-15	Naval Architect
ARCHITECTURAL	3207-13	Architectural Associate
	3207-13	Architectural Drafting Officer
	3207-13	Architectural Technical Officer
	3299-99	Architectural Tracer
ARCHIVIST	2999-13	Archivist
ARMAMENT	2219-99	Military Armament Engineer
	4999-29	Armament Fitter
	4999-29	Armament Mechanic
ARMATURE	4303-11	Armature Winder
ARMoured	7499-19	Armoured Fighting Vehicle Crewman
	7499-19	Armoured Fighting Vehicle Driver
ARMOURER	4213-19	Armourer
ARMY	1201-11	Army ranks above and including Brigadier
	2209-11	Transport Engineer (Army)
	2607-11	Salvation Army Officer
	5605-11	Despatch Rider (Army)
	7211-11	Fire Engineer (Army)
	7299-99	Recovery Mechanic (Army)
	7299-99	Specialist Vehicles Operator (Army)
ARRANGER	2815-99	Music Arranger
	5501-11	Programme Arranger
ART	2505-11	Art Teacher (Private)
	2811-11	Art Director (Television, Film or Stage)
	3999-13	Museum and Art Gallery Technician
ARTICLED	2605-91	Articled Clerk
ARTIFICIAL	3103-31	Artificial Insemination Technician
ARTIST	2801-11	Artist (Painting)

A

KEYWORD	CODE	TITLE
	2801-99	Environmental Artist
	2801-99	Laser Artist
	2805-13	Commercial Artist
	2805-13	Display Artist
	2813-13	Striptease Artist
	2817-13	Circus Artist
	2817-13	Variety Artist
	3903-99	Make-up Artist
	3999-17	Finish Artist
	3999-17	Layout Artist
	3999-17	Paste-up Artist
ARTISTIC	2801-11	Painter (Artistic)
	2801-99	Etcher (Artistic)
ARTS	2801-99	Scene Painter (Performing Arts)
	3903-01	Supervisor, Performing Arts Support Workers
ASPHALT	8409-11	Asphalt Worker
ASSAULT	7499-19	Assault Trooper
ASSAYER	2101-11	Assayer
ASSEMBLER	8103-11	Metal and Metal Products Assembler
	8103-11	Metal Window Assembler
	8103-11	Vehicle Assembler
	8103-13	Electrical and Electronic Equipment Assembler
	8103-15	Jewellery Assembler
	8103-17	Furniture Assembler
	8103-17	Joinery Assembler
	8103-17	Wood Products Assembler
ASSEMBLERS	8103-01	Supervisor, Assemblers
ASSEMBLY	8109-13	Equipment Assembly Inspector
	8109-13	Vehicle Assembly Inspector
ASSESSOR	2999-99	Military Personnel Selection Assessor
	3103-27	Forest Assessor
	3905-29	Claims Assessor (except Health)
	3905-29	Insurance Assessor (except Health)
	5303-11	Health Insurance Assessor
ASSISTANT	2807-01	Assistant Editor
	2807-99	Editorial Assistant
	2999-99	Executive Assistant
	3103-27	Botanical Technical Assistant
	3201-13	Electrical Engineering Drafting Assistant
	3201-17	Electronics Detail Drafting Assistant
	3203-13	Civil Engineering Drafting Assistant
	3205-13	Mechanical Engineering Drafting Assistant
	3999-23	Photographic Studio Assistant
	4911-13	Wardrobe Assistant
	5401-11	Library Assistant
	5603-11	Manual Assistant (Telecom)
	5903-11	Teachers' Assistant
	6301-11	Sales Assistant (Hardware and Gardening Supplies)
	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
	6301-15	Canteen Assistant
	6301-15	Sales Assistant (Food and Drink Products)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
	6301-19	Sales Assistant (Caravans and Motor Vehicles)
	6301-21	Sales Assistant (Office Supplies)
	6301-21	Sales Assistant (Stationery, Newspapers and Books)
	6301-23	Chemist Shop Assistant
	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
	6301-25	Sales Assistant (Tyres)
	6301-25	Sales Assistant (Vehicle Parts and Accessories)

KEYWORD	CODE	TITLE
	6301-99	Sales Assistant (EDP and Office Equipment)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
	6301-99	Sales Assistant (Sports Equipment and Toys)
	6301-99	Sales Assistant (Watches and Jewellery)
	6601-11	Kindergarten Assistant
	6601-13	Child Care Assistant
	6601-15	Children's Nursery Assistant
	6601-99	Special Teaching Assistant
	6605-11	Dental Assistant
	7107-91	Assistant Locomotive Driver
	7399-13	Rolling Mill Assistant
	7399-19	Railway Yard Assistant
	7435-11	Photographic Laboratory Assistant
	7499-21	Printing Bindery Assistant
	8101-11	Boilermaker's Assistant
	8101-11	Fitter's Assistant
	8101-11	Metal Forger's Assistant
	8101-11	Metal Moulder's Assistant
	8101-11	Metal Trades Assistant
	8101-13	Bricklayer's Trades Assistant
	8101-13	Carpenter's Trades Assistant
	8101-13	Construction Trades Assistant
	8101-13	Painter and Decorator's Assistant
	8101-13	Plasterer's Assistant
	8101-13	Plumber's Trades Assistant
	8101-13	Roof Slater and Tiler's Assistant
	8101-13	Signwriter's Assistant
	8101-13	Wall and Floor Tiler's Assistant
	8101-15	Cable Joiner's Assistant
	8101-15	Electrical and Telecommunications Trades Assistant
	8101-15	Electrical Power Linesman/woman's Assistant
	8101-15	Telecommunications Lineman/woman's Assistant
	8101-99	Carpetlayer's Assistant
	8101-99	Garage Assistant
	8101-99	Motor Mechanic's Trades Assistant
	8101-99	Powder Monkey's Assistant
	8101-99	Shot Firer's Assistant
	8109-15	Product Testing Assistant
	8199-11	Tinning Line Assistant
	8199-29	Printing Machine Assistant
	8199-31	Glassware Process Assistant
	8201-99	Apiary Assistant
	8201-99	Hatchery Assistant
	8201-99	Oyster Grower's Assistant
	8205-11	Nursery Assistant (Horticulture)
	8205-13	Gardener's Assistant
	8405-13	Rigger's Assistant
	8411-11	Geological Survey Field Assistant
	8411-11	Seismic Survey Assistant
	8411-11	Surveyor's Assistant
	8907-11	Stores Assistant
	8907-11	Warehouse Assistant
	8909-17	Furniture Removalist's Assistant
	8917-11	Laundry Assistant
	8921-11	Ward Assistant
	8921-15	Nursing Assistant
	8999-21	Crematorium Assistant
	8999-21	Cortaker's Assistant
	8999-25	Railway Station Assistant
	8999-99	Stage Assistant
ASSISTANTS	6301-01	Supervisor, Sales Assistants
	8199-01	Supervisor, Other Trades Assistants and Factory Hands
	8201-01	Supervisor, Farm Hands and Assistants
ASSOCIATE	2605-99	Judge's Associate

A

KEYWORD	CODE	TITLE
	2807-01	Associate Editor
	3201-11	Electrical Engineering Associate
	3201-15	Electronics Engineering Associate
	3203-11	Civil Engineering Associate
	3205-11	Mechanical Engineering Associate
	3207-13	Architectural Associate
	3207-15	Cartographic Associate
	3207-15	Surveying Associate
	3901-15	Social Worker Associate
ASSURANCE	6103-11	Life Assurance Representative
ASTRONOMER	2105-11	Astronomer
ATTENDANT	5401-11	Library Attendant
	5907-15	Court Attendant
	6301-15	Bottle Shop Attendant
	6503-11	Bar Attendant
	6505-15	Dining Room Attendant
	6599-13	Auction Room Attendant
	6599-21	Driveway Attendant
	6599-21	Service Station Attendant
	6601-15	Child Care Attendant
	6601-15	Creche Attendant
	6609-01	Senior Flight Attendant
	6609-11	Flight Attendant
	7303-11	Boiler Attendant
	7313-11	Mine Cage Attendant
	7431-13	Sugar Melthouse Attendant
	7433-99	Strapping Machine Attendant
	7435-11	Dark Room Attendant
	7499-13	Tobacco Dryer Attendant
	7499-13	Tobacco Machine Attendant
	8101-99	Lubritorium Attendant
	8301-21	Car Wash Attendant
	8415-15	Screen and Loadout Attendant
	8901-11	Door Attendant
	8901-15	Theatre Attendant
	8901-15	Turnstile Attendant
	8911-99	Pool Attendant
	8917-11	Laundromat Attendant
	8921-15	Nurse Attendant
	8999-11	Animal Attendant
	8999-15	Poker Machine Attendant
	8999-15	Vending Machine Attendant
	8999-17	Lamproom Attendant
	8999-21	Funeral Attendant
	8999-23	Veterinary Attendant
	8999-99	Car Park Attendant
	8999-99	Railway Crossing Attendant
	8999-99	School Crossing Attendant
ATTENDANTS	6503-01	Supervisor, Bar Attendants
AUCTION	6599-13	Auction Room Attendant
AUCTIONEER	6599-11	Auctioneer
AUDIO	3903-11	Audio Operator
	3903-11	Audio Technician
AUDIOLOGIST	2399-11	Audiologist
AUDIOMETRIST	3101-99	Audiometrist
AUDIT	5301-13	Audit Clerk
AUDITOR	2701-11	Auditor
	2707-25	Computer Auditor
	2707-25	EDP Auditor

KEYWORD	CODE	TITLE
AUTHOR	2809-11	Author
AUTO	7209-13	Auto Scythe Operator
AUTOCLAVE	7431-27	Food Processing Autoclave Operator
AUTOMATIC	4901-11	Automatic Profile Sander Operator
AUTOMOBILE	7103-11	Automobile Driver
AUTOMOTIVE	4103-13	Automotive Machinist
	4103-91	Apprentice Automotive Machinist
	4305-01	Supervisor, Automotive Electricians
	4305-11	Automotive Electrical Fitter
	4305-11	Automotive Electrician
	4305-91	Apprentice Automotive Electrician
	4601-11	Automotive Air-Conditioning Mechanic
	6301-25	Automotive Parts Interpreter
AVIONICS	8999-27	Automotive Parts Recycler
	3299-99	Avionics System Technician (Air Force)
AWNINGS	8401-13	Awnings Installer

B

KEYWORD	CODE	TITLE
B-GRADE	4901-15	Wood Machinist (B-Grade)
BABY	6601-15	Baby Sitter
BACK-HOE	7201-15	Back-hoe Operator
BACTERIOLOGIST	2107-99	Bacteriologist
BAG	7433-99	Sack and Bag Filler
BAGMAN/WOMAN	5999-17	Bagman/woman
BAILIFF	5907-99	Bailiff
BAKER	4703-13 4703-91	Baker Apprentice Baker and Pastrycook
BAKERS	4703-01	Supervisor, Bakers and Pastrycooks
BAKING	8199-41	Baking Factory Hand
BALING	7433-99	Baling and Compression Machine Operator
BALLET	2505-15 2813-13	Ballet Teacher Ballet Dancer
BAND	2815-11	Band Leader
BANDER	4901-11	Edge Bander Operator
BANK	1507-11 5301-17	Bank Manager Bank Accountant
BAR	1501-11 6503-01 6503-01 6503-11 6503-11	Milk Bar Manager Bar Manager Supervisor, Bar Attendants Bar Attendant Bar Steward/Stewardess
BARBER	4927-11	Barber
BARGE	8925-11	Barge Hand
BARMAN/MAID	6503-11	Barman/maid
BARREL	4209-17	Barrel Plater
BARRISTER	2605-11	Barrister
BATCHER	7399-35	Premix Concrete Batcher
BATCHING	7399-35	Concrete Batching Plant Operator
BEAMER	7425-11 7425-11	Beamer Warp Beamer
BEATER	4603-11 4603-91	Panel Beater Apprentice Panel Beater
BEATERS	4603-01	Supervisor, Panel Beaters
BEAUTICIAN	6699-15	Beautician
BEAUTY	1599-99 6699-15	Beauty Parlour Manager Beauty Therapist
BEDDING	4913-01 4913-13 4913-91	Supervisor, Upholsterers and Bedding Tradespersons Bedding and Mattress Maker Apprentice Upholsterer and Bedding Tradesperson
BEEF	1401-17 1401-17 1401-17 1401-17	Beef Cattle Farm Manager Beef Cattle Farmer Beef Cattle Station Manager Beef Cattle Stud Farmer
BEEKEEPER	1401-35	Beekeeper
BELT	7309-11	Conveyor Belt Operator

KEYWORD	CODE	TITLE
BENCH	4103-11	Bench Fitter
BENCHWORKER	8103-15	Jewellery Benchworker
BENDER	4921-13	Glass Bender
BENDING	4203-17	Metal Bending Machine Operator
BESPOKE	4915-11	Bespoke Shoemaker
BEVELLER	4921-11	Glass Beveler
BEVERAGE	7431-17	Alcoholic Beverage Machine Operator
BEVERAGES	7399-99	Distiller (Beverages)
BIBLIOGRAPHER	2911-11	Bibliographer
BINDER	4507-11	Binder and Finisher
	4507-91	Apprentice Binder and Finisher
BINDERS	4507-01	Supervisor, Binders and Finishers
BINDERY	7499-21	Printing Bindery Assistant
BINSMAN/WOMAN	8999-99	Grain Binaman/woman
BIOCHEMIST	2107-15	Biochemist
	2303-37	Clinical Biochemist
BIOCHEMISTRY	3101-13	Clinical Biochemistry Technician
BIOGEOGRAPHER	2907-13	Biogeographer
BIOLOGIST	2107-15	Molecular Biologist
	2107-99	Cell Biologist
	2107-99	Soil Biologist
BIOLOGY	3103-25	Biology Technical Officer
BIOMEDICAL	2109-13	Biomedical Engineer
BIOMETRICIAN	2909-13	Biometrician
BIOPHYSICIST	2107-17	Biophysicist
BISCUIT	4703-15	Biscuit Maker
	8199-41	Biscuit Factory Hand
BITUMEN	8409-11	Bitumen Worker
BLACKSMITH	4201-11	Blacksmith
	4201-91	Apprentice Blacksmith
BLACKSMITH'S	8101-11	Blacksmith's Striker
BLAST	7315-01	Supervisor, Blast Furnace Operators
	7315-11	Blast Furnace Operator
	8199-11	Blast Furnace Helper
BLASTER	4909-11	Blaster
BLASTING	4909-01	Supervisor, Blasting Tradespersons
BLEACHING	7425-17	Bleaching Machine Operator
BLENDER	7307-13	Well Treatment Blender Operator
	7431-15	Syrup Blender
	7431-17	Spirit Blender
	7431-23	Margarine Blender
BLENDING	7307-11	Petroleum Blending Plant Operator
	7407-21	Plastics Blending Machine Operator
BLINDSTITCHER	7427-13	Blindstitcher
BLOCKLAYER	4403-11	Blocklayer
BLOOD	2303-37	Blood Transfusionist

B

KEYWORD	CODE	TITLE
BLOW	7407-15	Blow Moulding Machine Operator
BLOWER	4921-13	Glass Blower
	4921-93	Trainee Glass Blower
BLOWING	4921-13	Glass Blowing Lathe Operator
BOARD	3201-17	Printed Circuit Board Designer
BOARDING	1505-99	Boarding House Manager
BOAT	4907-13	Boat Builder and Repairer
BOATBUILDER	4907-91	Apprentice Boatbuilder
BOATSWAIN	8925-01	Boatswain
BOBCAT	7201-19	Bobcat Operator
BODY	4607-01	Supervisor, Vehicle Body Makers
	4607-11	Vehicle Body Builder
	4607-11	Vehicle Body Maker
	4607-91	Apprentice Vehicle Body Maker
BOGGER	7201-23	Mechanical Bogger Operator
BOILER	3205-13	Boiler Testing Technician
	7303-11	Boiler Attendant
	7303-11	Stationary Engine and Boiler Operator
	7303-13	Marine Engine and Boiler Operator
	7431-13	Evaporator Boiler (Sugar Processing)
	7431-13	Sugar Boiler and Pan Operator
BOILERMAKER	4205-11	Boilermaker
	4205-13	Structural Boilermaker
	4205-91	Apprentice Boilermaker
BOILERMAKER-WELDER	4205-11	Boilermaker-Welder
BOILERMAKER'S	8101-11	Boilermaker's Assistant
BOILERMAKING	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
BOILERS	3905-13	Boilers and Pressure Vessels Inspector
BOLTER	8415-11	Roof Bolter (Mining)
BOND	5503-13	Bond Clerk
BONDING	7425-99	Fabric Bonding Machine Operator
BONER	8199-35	Meat Boner and Slicer
	8199-37	Poultry Boner
BOOK	2809-13	Book Editor
BOOKBINDING	4507-11	Paper Guillotine Operator (Bookbinding)
BOOKING	6405-11	Booking Clerk
BOOKKEEPER	5301-11	Bookkeeper
BOOKKEEPING	5203-01	Supervisor, Bookkeeping Machine Operators
BOOKMAKER	1599-19	Bookmaker
BOOKMAKER'S	5999-17	Bookmaker's Clerk
BOOKMAN/WOMAN	7421-13	Cotton Ginning Bookman/woman
BOOKS	6201-23	Sales Representative (Books and Paper Products)
	6301-21	Sales Assistant (Stationary, Newspapers and Books)
BOOKSHOP	1501-11	Bookshop Manager

KEYWORD	CODE	TITLE
BOOM	3903-99	Microphone Boom Operator
BORER	4103-13	Vertical Borer
BORING	3905-25	Boring Inspector
BOSS	7201-01	Shift Boss (Mining)
	8203-03	Bush Boss
BOSUN	8825-01	Bosun
BOTANICAL	3103-27	Botanical Technical Assistant
	3103-27	Botanical Technician
BOTANIST	2107-19	Botanist
BOTANY	3103-25	Botany Technical Officer
BOTTLE	6301-15	Bottle Shop Attendant
	6501-11	Bottle Dealer
BOTTLING	7433-11	Bottling Machine Operator
BOUNCER	8901-11	Bouncer
BOY/GIRL	5605-11	Copy Boy/Girl
BRACEMAN/WOMAN	7313-11	Braceman/woman
BRAKE	4601-11	Brake Mechanic
	4601-91	Apprentice Brake Mechanic
	7419-99	Brake Lining Maker
BRANCH	1507-11	Financial Institution Branch Manager
	5301-17	Branch Accountant (Financial Institution)
BRAZIER	4205-19	Brazier
BREAD	8199-41	Bread Room Hand
BREAKDOWN	7413-11	Breakdown Sawyer
BREAKER	4931-11	Horse Breaker
	7201-29	Hydraulic Rock Breaker Operator
BREAKFAST	7431-11	Breakfast Cereal Maker
BREEDER	1401-23	Pig Breeder
	1401-27	Horse Breeder
BREWERY	7431-17	Brewery Celler Worker
BREWHOUSE	7431-17	Brewhouse Operator
BRICK	7419-13	Clay, Brick and Tile Machine Operator
	8199-21	Brick Handler
BRICKLAYER	4403-11	Bricklayer
	4403-11	Refractory Bricklayer
	4403-91	Apprentice Bricklayer
BRICKLAYER'S	8101-13	Bricklayer's Trades Assistant
BRICKLAYERS	4403-01	Supervisor, Bricklayers
BRICKLAYING	4403-11	Retort Setter (Bricklaying)
BRIGADIER	1201-11	Army ranks above and including Brigadier
BROADCAST	3903-17	Broadcast Transmitter Operator
BROADCASTING	4311-11	Broadcasting Technician
	4311-11	Broadcasting Tradesperson
BROKER	6103-13	Insurance Broker
	6199-11	Commodities Broker
BROKERS	6103-01	Supervisor, Insurance Brokers and Agents

B

KEYWORD	CODE	TITLE
BROKING	5303-01	Supervisor, Insurance and Broking Clerks
BROTHER	2607-11	Religious Brother
BRUSHMAKER	7499-99	Brushmaker
BRUSHMAKING	8199-99	Brushmaking Labourer
BUCKETWHEEL	7201-21	Bucketwheel Excavator Operator
	7309-11	Bucketwheel Reclaimer Operator
BUFFALO	1401-17	Buffalo Farmer
BUILDER	1601-13	Professional Builder
	1601-15	Contract Builder
	4403-11	Arch Builder
	4403-11	Chimney Builder
	4607-11	Coach Builder
	4607-11	Vehicle Body Builder
	4807-13	Boat Builder and Repairer
	7409-11	Tyre Builder
	7409-99	Rubber Roll Builder
	7428-11	Heel Builder
BUILDER'S	8499-17	Builder's Labourer
BUILDERS'	6201-25	Sales Representative (Builders' Hardware)
BUILDING	1507-11	Building Society Manager
	1601-13	Building and Construction Manager
	1601-15	Building Contractor
	3207-11	Building Construction Supervisor
	3207-11	Building Estimator
	3207-11	Building Foreman/woman
	3207-11	Building Technician
	3905-11	Building Inspector
	8401-11	Building Insulation Installer
	8499-17	Building Construction Labourer
BULK	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-11	Bulk Fluids Handler
	7309-11	Bulk Materials Handling Plant Operator
BULLDOZER	7201-11	Bulldozer Operator
BULLET	7411-13	Bullet Maker
BURSAR	2701-11	Bursar
BUS	3905-31	Bus Inspector
	6405-13	Bus Conductor
	7101-11	Bus Driver
BUSH	8203-03	Bush Boss
BUSINESS	1601-11	Import-Export Business Manager
	4315-11	Business Equipment Mechanic
	5203-01	Supervisor, Business Machine Operators
	5203-11	Business Machine Operator
	6201-21	Sales Representative (Business Services)
BUTCHER	4701-11	Butcher
	4701-91	Apprentice Butcher
BUTLER	6899-99	Butler
BUTTERMAKER	4799-13	Buttermaker
	4799-91	Apprentice Buttermaker
BUTTERMAKERS	4799-01	Supervisor, Buttermakers
BUTTONHOLE	7427-11	Buttonhole Machinist
BUYER	3913-13	Commodities Buyer
	3913-13	Grain Buyer

KEYWORD	CODE	TITLE
	3913-13	Hide and Skin Buyer
	3913-13	Livestock Buyer
	3913-13	Wool Buyer
	3913-15	Retail Buyer
	6501-11	Scrap Materials Buyer
BY-PRODUCTS	7431-19	Meat By-Products Machine Operator

C

KEYWORD	CODE	TITLE
C-GRADE	4901-17	Wood Machinist (C-Grade)
CABIN	8301-11	Aircraft Cabin Cleaner
CABINETMAKER	4903-11	Cabinetmaker
	4903-91	Apprentice Cabinetmaker
CABINETMAKERS	4903-01	Supervisor, Cabinetmakers
CABLE	4301-13	Electrical Cable Joiner
	4311-15	Telecommunications Cable Joiner
	7299-99	Cable Ferry Operator
	8101-15	Cable Joiner's Assistant
	8415-11	Cable Hand
CADASTRAL	2205-13	Cadastral Surveyor
CADET	1319-91	Officer Cadet
	2701-91	Cadet Accountant
	2807-91	Cadet Journalist
	3305-91	Cadet Deck Officer
	3307-91	Cadet Marine Engineer
CAE	2501-11	University or CAE Lecturer
	2501-13	University or CAE Demonstrator
	2501-13	University or CAE Teaching Fellow
	2501-13	University or CAE Tutor
CAGE	7313-11	Mine Cage Attendant
CAKE	4703-11	Cake Decorator
CALLIGRAPHER	2805-13	Calligrapher
CAMERA	3903-13	Motion Picture Camera Operator
	3903-15	Television Camera Operator
	4213-11	Camera Repairer
	4503-15	Process Camera Operator (Printing)
	7435-11	Copy Camera Operator
CAN	7433-99	Can Filler and Closer
CANDLE	7411-99	Candle Maker
CANDLER	8199-45	Egg Candler
CANE	1401-13	Sugar Cane Farm Manager
	1401-13	Sugar Cane Grower
	3905-15	Sugar Cane Inspector
	4905-01	Supervisor, Cane Furniture Makers
	4905-17	Cane Furniture Maker
	4905-91	Apprentice Cane Furniture Maker
	7431-13	Sugar Cane Crusher Operator
CANT	7413-13	Cant Gang Sawyer
CANTEEN	1503-11	Canteen Manager
	6301-15	Canteen Assistant
CANVAS	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4917-13	Canvas Goods Maker
	4917-91	Apprentice Canvas Goods Maker
	4917-91	Apprentice, Other Leather and Canvas Trades
CANVASSER	6501-15	Canvasser
CANVASSERS	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
CAPTAIN	1319-15	Captain (Defence Forces)
	1319-15	Group Captain
	3301-11	Aircraft Captain
	3305-11	Merchant Ship's Captain
	3305-11	Ship's Captain
	7101-11	Coach Captain

KEYWORD	CODE	TITLE
CAR	6609-15 7103-11 7107-11 7309-11 8301-21 8301-21 8999-99	Railway Conductor (Sleeping Car) Hire Car Driver Rail Car Driver Car Dumper Operator Car Detailer Car Wash Attendant Car Park Attendant
CARAVAN	1505-13	Caravan Park Manager
CARAVANS	6301-19	Sales Assistant (Caravans and Motor Vehicles)
CARBON	7399-33	Carbon Plant Worker
CARCASS	8199-35	Carcass Splitter
CARDIAC	3101-99	Cardiac Technician
CARDING	7421-11	Yarn Carding and Spinning Machine Operator
CARDIOLOGIST	2303-13	Cardiologist
CARDIOTHORACIC	2303-35	Cardiothoracic Surgeon
CARDIOVASCULAR	2303-27	Cardiovascular Specialist
CARE	2805-13 3401-99 3401-99 3401-99 3901-15 3907-11 3907-11 6601-13 6601-13 6601-15 6601-15 6601-19 6601-99	Early Child Care Adviser Coronary Care Nurse Geriatric Care Nurse Intensive Care Nurse Residential Care Worker Child Care Centre Director Child Care Co-ordinator Child Care Aide Child Care Assistant Child Care Attendant Day Care Worker Child Care Group Worker Child Care, Refuge and Related Workers nec
CAREERS	2603-17	Careers Counsellor and Adviser
CARETAKER	8913-11	Caretaker
CARPENTER	4401-11 4401-11 4401-11 4401-91 4401-91 4907-11 4907-91	Carpenter Fixing Carpenter Formwork Carpenter Apprentice Carpenter Apprentice Carpenter and Joiner Ship's Carpenter Apprentice Ship's Carpenter
CARPENTER'S	8101-13	Carpenter's Trades Assistant
CARPENTERS	4401-01	Supervisor, Carpenters and Joiners
CARPET	4919-01 4919-11 7425-13 8301-19	Supervisor, Carpet Layers Carpet Layer Carpet Weaver Carpet Cleaner
CARPETLAYER'S	8101-99	Carpetlayer's Assistant
CARPORT	8401-13	Carport Erector
CARRIER	7203-13	Straddle Carrier Operator
CARTOGRAPHER	2205-11	Cartographer
CARTOGRAPHIC	3207-15	Cartographic Associate
CARTON	7415-15 7415-15	Carton Cutting and Crease Forme Setter Carton Making Machine Operator

C

KEYWORD	CODE	TITLE
CARTOONIST	2801-11	Cartoonist
CARVER	4905-11	Wood Carver
	4905-91	Apprentice Wood Carver
CARVERS	4905-01	Supervisor, Wood Carvers
CASE	2801-15	Social Case Worker
	7315-13	Case Hardener
CASH	6501-13	Cash Van Salesperson
CASHIER	6403-13	Office Cashier
CASHIERS	6403-01	Supervisor, Cashiers
CASINGS	7431-19	Casings Worker
CASTER	4101-11	Die Caster
CASTING	2811-13	Casting Director
	2811-13	Casting Officer
	4207-01	Supervisor, Metal Casting Tradespersons
	4207-11	Metal Casting Patternmaker
	4207-91	Apprentice Metal Casting Patternmaker
	4207-91	Apprentice Metal Casting Tradesperson
	7401-13	Casting Machine and Ladle Operator
CATALOGUER	2911-11	Cataloguer
CATERER	1503-11	Caterer
CATERING	1503-11	Restaurant and Catering Managing Supervisor
CATTLE	1401-17	Beef Cattle Farm Manager
	1401-17	Beef Cattle Farmer
	1401-17	Beef Cattle Station Manager
	1401-17	Beef Cattle Stud Farmer
	1401-17	Cattle Grazier
	1401-19	Dairy Cattle Stud Farmer
CELEBRANT	2607-11	Aboriginal Ceremonial Celebrant
	6699-99	Marriage Celebrant
CELL	2107-99	Cell Biologist
	7399-31	Electrolytic Cell Operator
CELLAR	7431-17	Brewery Cellar Worker
CELLARHAND	7431-17	Winery Cellarhand
CELLULAR	7407-11	Cellular Plastics Machine Setter
	7407-17	Cellular Plastics Machine Operator
	8199-25	Cellular Plastics Cutter
CEMENT	4407-11	Cement Plasterer
	4407-11	Cement Renderer
	7399-27	Cement Production Plant Operator
	7419-01	Supervisor, Fibre Cement Machine Operators
	8199-19	Cement and Concrete Plant Labourer
CEMENTER	7307-13	Oil Well Cementer
	7429-11	Shoemaking Cementer
CENTRE	1599-13	Sports Centre Administrator
	1599-13	Sports Centre Manager
	3901-11	Neighbourhood Centre Coordinator
	3907-11	Child Care Centre Director
	7413-21	Plywood Centre Feeder
	7413-21	Plywood Centre Layer
CENTRIFUGE	7431-13	Centrifuge Operator (Sugar Processing)
CERAMIC	4413-11	Ceramic Tiler

KEYWORD	CODE	TITLE
CERAMICS	2217-15 2217-17	Ceramics Engineer Ceramics Scientist
CEREAL	7431-11 7431-11	Breakfast Cereal Maker Grain and Cereal Processing Machine Operator
CEREALS	3103-29	Cereals Technical Officer
CEREMONIAL	2607-11	Aboriginal Ceremonial Celebrant
CHAINMAN/WOMAN	8411-11	Surveyor's Chainman/woman
CHAINSAW	4999-99	Chainsaw Mechanic
CHAIRMAKER	4903-11	Chairmaker
CHAPLAIN	2607-11	Chaplain
CHARGE	3401-01 3401-01	Charge Nurse Charge Sister
CHARITY	5901-99	Charity Collection Clerk
CHASER	8203-15 8499-13	Log Chaser Crane Chaser
CHAUFFEUR/CHAUFFEUSE	7103-11	Chauffeur/Chauffeuse
CHECKOUT	6403-01 6403-11	Checkout Supervisor Checkout Operator
CHEESE	8199-43	Cheese Factory Worker
CHEESEMAKER	4799-15 4799-91	Cheesemaker Apprentice Cheesemaker
CHEESEMAKERS	4799-01	Supervisor, Cheesemakers
CHEF	4705-01 4705-11	Executive Chef Chef
CHEMICAL	2207-11 2207-11 3103-11 3103-11 3103-11 6201-11 7305-01 7305-01 7305-11 7305-91 7411-01 8199-23	Chemical Engineer Principal Chemical Engineer Chemical Instrumentation Technical Officer Chemical Process Analyst Chemical Research Technical Officer Sales Representative (Chemical Products) Supervisor, Chemical Pilot Plant Operators Supervisor, Chemical Plant Operators Chemical Plant Operator Trainee Chemical Plant Operator Supervisor, Chemical Production Machine Operators Chemical Plant Labourer
CHEMICALS	7305-11 7305-11	Distiller (Chemicals) Fermentation Operator (Chemicals)
CHEMIST	2101-11 2101-11 2107-15 2107-15 2109-11 6301-23	Chemist Chief Chemist Enzyme Chemist Protein Chemist Clinical Chemist Chemist Shop Assistant
CHEMISTRY	3103-11 3103-13	Chemistry Technical Officer Chemistry Technician
CHERRY	7311-11	Cherry Picker Operator
CHICKEN	1401-25	Chicken Meat Producer
CHIEF	1201-11 1301-11 2101-11 2103-11	Chief Executive Chief Accountant Chief Chemist Chief Geologist

C

KEYWORD	CODE	TITLE
	2105-11	Chief Physician
	2201-11	Chief Architect
	2209-11	Chief Civil Engineer
	2211-11	Chief Electrical Engineer
	2211-13	Chief Electronics Engineer
	2213-11	Chief Mechanical Engineer
	2215-11	Chief Mining Engineer
	3911-01	Chief Prison Officer
	6609-01	Chief Marine Steward
CHILD	2905-13	Early Child Care Adviser
	3401-13	Maternal and Child Health Nurse
	3907-11	Child Care Centre Director
	3907-11	Child Care Co-ordinator
	6601-13	Child Care Aide
	6601-13	Child Care Assistant
	6601-15	Child Care Attendant
	6601-15	Child Minder
	6601-19	Child Care Group Worker
	6601-99	Child Care, Refuge and Related Workers nec
CHILDHOOD	2401-11	Early Childhood Teacher
CHILDREN'S	6601-15	Children's Nursery Assistant
CHILLER	8907-11	Chiller Hand
CHIMNEY	4403-11	Chimney Builder
	8301-99	Chimney Sweep
CHINESE	2399-99	Chinese Medicine Specialist
CHIPPING	7399-17	Wood Chipping and Particleboard Plant Operator
CHIROPODIST	2319-11	Chiropodist
CHIROPRACTOR	2317-11	Chiropractor
CHOKERMAN/WOMAN	8203-15	Chokerman/woman
CHORAL	2815-11	Choral Director
CHOREOGRAPHER	2813-11	Choreographer
CHORISTER	2815-99	Chorister
CHORUS	2815-99	Chorus Singer
CIGARETTE	7499-13	Cigarette Making Machine Operator
CINEMATOGRAPHER	2811-17	Cinematographer
CIRCUIT	3201-17	Printed Circuit Board Designer
CIRCULATION	5503-11	Circulation Representative
CIRCUS	2817-13	Circus Artist
CIVIL	2209-11	Chief Civil Engineer
	2209-11	Civil Engineer
	3203-11	Civil Engineering Associate
	3203-11	Civil Engineering Design Draftsperson
	3203-11	Civil Engineering Drafting Officer
	3203-11	Civil Engineering Technical Officer
	3203-13	Civil Engineering Detail Draftsperson
	3203-13	Civil Engineering Drafting Assistant
	3203-13	Civil Engineering Technician
CLADDING	8401-13	Exterior Cladding Installer
CLAIMS	3905-29	Claims Assessor (except Health)
	5301-13	Claims Clerk
CLASS	4103-13	Metal Machinist (First Class)

KEYWORD	CODE	TITLE
	4103-19	Metal Machinist (Second Class)
	4103-21	Metal Machinist (Third Class)
	4203-11	Sheetmetal Worker (First Class)
	4203-17	Sheetmetal Worker (Second Class)
	4205-17	Welder (First Class)
	4205-17	Welder (Special Class)
	4205-19	Welder (Second Class)
	4205-21	Welder (Third Class)
	4209-13	Electroplater (First Class)
	4209-15	Electroplater (Second Class)
	4209-17	Electroplater (Third Class)
	4309-13	Electrician (Special Class)
CLASSER	3999-35	Wool Classer
	3999-37	Hide and Skin Classer
	8109-11	Fruit and Vegetable Classer
CLASSIFIED	5999-15	Classified Advertising Clerk
CLASSIFIER	5999-99	Stamp Classifier
CLAY	7315-15	Clay Products Kiln Operator
	7399-99	Clay Crusher Operator
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-13	Clay Products Machine Operator
	7419-13	Clay, Brick and Tile Machine Operator
	8199-21	Clay Processing Factory Hand
	8199-21	Clay Processing Labourer
CLEANER	4409-15	Drain Cleaner
	8199-31	Glass Mould Cleaner
	8201-99	Seed Cleaner and Pickler
	8301-11	Aircraft Cabin Cleaner
	8301-11	Factory Cleaner
	8301-11	Industrial Cleaner
	8301-13	Commercial Cleaner
	8301-13	Office Cleaner
	8301-13	School Cleaner
	8301-15	Hospital Cleaner
	8301-17	Window Cleaner
	8301-19	Carpet Cleaner
	8301-21	Motor Vehicle Cleaner
	8301-99	Domestic Cleaner
CLEANERS	8301-01	Supervisor, Cleaners
CLEANING	1501-11	Dry Cleaning Establishment Manager
	7499-15	Dry Cleaning Machine Operator
CLEARANCE	4999-21	Clearance Diver
CLERGYMAN/WOMAN	2607-11	Clergyman/woman
CLERK	2605-91	Articled Clerk
	2999-99	Clerk of High Court
	3207-11	Clerk of Works
	5301-13	Accounts Clerk
	5301-13	Audit Clerk
	5301-13	Claims Clerk
	5301-13	Investment Accounting Clerk
	5301-13	Invoice Clerk
	5301-13	Warranty Clerk
	5301-15	Pay Clerk
	5301-15	Payroll Clerk
	5301-19	Loans Clerk
	5301-21	Cost Clerk
	5303-11	Insurance Clerk
	5303-11	Superannuation Fund Clerk
	5303-13	Scrip Clerk (Stockbroking)

C

KEYWORD	CODE	TITLE
	5303-13	Stockbroking Clerk
	5305-11	Statistical Clerk
	5305-13	Actuarial Clerk
	5401-13	Filing Clerk
	5401-13	Registry Clerk
	5499-11	Photocopying and Duplicating Clerk
	5501-11	Production Scheduling Clerk
	5501-11	Schedule Clerk
	5501-13	Production Tally Clerk
	5503-11	Container Loading Clerk
	5503-11	Distribution Clerk
	5503-11	Freight Clerk
	5503-11	Receiving and Despatching Clerk
	5503-11	Shipping Clerk
	5503-11	Transport Clerk
	5503-13	Bond Clerk
	5503-13	Customs Clerk
	5503-13	Import-Export Clerk
	5503-13	Wharf Tally Clerk
	5503-99	Delivery Clerk
	5505-11	Inventory Clerk
	5505-11	Stock Clerk
	5505-11	Stores Clerk
	5505-11	Supply Clerk
	5505-13	Procurement Clerk
	5505-13	Purchasing Clerk
	5505-15	Mail Order Clerk
	5505-15	Order Clerk
	5601-11	Appointments Clerk
	5601-13	Complaints Clerk
	5601-13	Information Desk Clerk
	5601-13	Inquiry Clerk
	5601-15	Admissions Clerk
	5601-15	Hospital Admitting Clerk
	5601-15	Hospital Ward Clerk
	5901-99	Charity Collection Clerk
	5905-11	Personal Records Clerk
	5905-11	Roster Clerk
	5905-13	Employment Office Clerk
	5907-11	Clerk of Court
	5907-11	Magistrate's Clerk
	5907-13	Conveyancing Clerk
	5907-13	Law Clerk
	5907-13	Legal Clerk
	5909-11	Postal Clerk
	5999-11	Meter Records Clerk
	5999-15	Classified Advertising Clerk
	5999-17	Bookmaker's Clerk
	6405-11	Booking Clerk
	6405-11	Reservations Clerk
	6405-11	TAB Clerk
	6599-17	Rental Clerk
	6599-19	Service Counter Clerk
CLERKS	5301-01	Supervisor, Accounting Clerks
	5301-01	Supervisor, Payroll Clerks
	5303-01	Supervisor, Insurance and Broking Clerks
	5305-01	Supervisor, Statistical and Actuarial Clerks
	5401-01	Supervisor, Library and Filing Clerks
	5499-11	Other Filing, Sorting and Copying Clerks
	5501-01	Supervisor, Production Recording Clerks
	5503-01	Supervisor, Transport Recording and Despatching Clerks
	5505-01	Supervisor, Stock and Purchasing Clerks
CLICKER	4915-11	Clicker
	4915-91	Apprentice Clicker

KEYWORD	CODE	TITLE
CLINICAL	2107-99	Pharmacologist (except Clinical)
	2109-11	Clinical Chemist
	2109-11	Clinical Laboratory Scientist
	2109-13	Clinical Physical Scientist
	2303-37	Clinical Biochemist
	2303-37	Clinical Microbiologist
	2303-99	Clinical Allergist
	2303-99	Clinical Endocrinologist
	2303-99	Clinical Pharmacologist
	2505-25	Clinical Nurse Teacher
	2903-11	Clinical Psychologist
	3101-13	Clinical Biochemistry Technician
	3101-13	Clinical Microbiology Technician
CLIPPER	7413-19	Veneer Clipper
CLOCK	4213-13	Watch and Clock Maker and Repairer
	4213-91	Apprentice Watch and Clock Repairer
CLOSER	7433-99	Can Filler and Closer
CLOTH	8199-99	Cloth Cutter
CLOTHES	3501-13	Plain Clothes Police Officer
CLOTHING	8201-37	Sales Representative (Textiles, Clothing and Footwear)
	8301-13	Sales Assistant (Fabrics, Clothing and Footwear)
	8917-11	Clothing Presser
CLOWN	2817-13	Clown
CLUB	1599-99	Licensed Club Manager
CO-ORDINATOR	3907-11	Child Care Co-ordinator
	4911-01	Wardrobe Co-ordinator
COACH	3915-11	Coach (Sport)
	4607-11	Coach Builder
	7101-11	Coach Captain
COAL	7317-11	Coal Seam Drill Operator
	7399-11	Coal Preparation Plant Operator
	8109-15	Coal Sample Tester
COFFIN	4903-11	Coffin Maker
COIL	4303-11	Heavy Coil Winder
	8103-13	Light Coil Winder
COLLECTION	5901-11	Collection Agent
	5901-99	Charity Collection Clerk
COLLECTOR	5901-11	Debt Collector
	8299-99	Coral Collector
	8901-15	Ticket Collector
	8905-11	Garbage Collector
	8999-99	Parking Meter Collector
	8999-99	Public Telephone Money Collector
COLLECTORS	8905-01	Supervisor, Garbage Collectors
COLONEL	1319-15	Colonel
COLOURIST	3999-25	Colourist
COLUMNIST	2807-99	Columnist
COMBER	7421-11	Yarn Comber
COMBUSTION	2207-11	Combustion Engineer
COMEDIAN	2817-13	Comedian
COMMENTATOR	2819-11	Commentator

C

KEYWORD	CODE	TITLE
COMMERCIAL	1401-99 2805-13 3301-11 6507-11 8301-13	Commercial Flower Grower Commercial Artist Commercial Pilot Travel Agent (Commercial) Commercial Cleaner
COMMISSIONED	1319-11 1319-13 1319-15	Commissioned Police Officer Commissioned Fire Officer Commissioned Defence Force Officer (Management)
COMMISSIONER	1101-99 1103-19 1201-11 1201-11	High Commissioner Conciliation and Arbitration Commissioner Fire Commissioner Police Commissioner
COMMODITIES	3913-13 6199-11	Commodities Buyer Commodities Broker
COMMODORE	1201-11 1201-11	Air Force ranks above and including Air Commodore Naval ranks above and including Commodore
COMMUNICATIONS	2211-13 2707-13 2707-17 3201-15 3201-15 3201-17 3201-17 4311-01 4311-91 6201-17	Communications Engineer Communications Programmer Communications Analyst Communications and Data Systems Drafting Officer Communications Engineering Technical Officer Communications Electronic Systems Technician (Air Force) Communications Engineering Technician Supervisor, Communications Equipment Tradespersons Trainee Communications Equipment Tradesperson Sales Representative (Communications Equipment)
COMMUNITY	2307-15 2601-13 3401-13 3901-11 3901-11	Community Pharmacist Community Social Worker Registered Community Health Nurse Community Development Officer Community Worker
COMPACTOR	7207-13	Compactor Operator
COMPANION	6607-11	Home Companion
COMPANY	1301-11 3999-33	Company Secretary Company Sergeant Major
COMPERE	2819-11	Comper
COMPLAINTS	5601-13	Complaints Clerk
COMPLEX	4399-99	Electronic Instrument Tradesperson (Complex Systems)
COMPOSER	2815-19	Composer
COMPOSITOR	4501-11 4501-91	Compositor Apprentice Compositor
COMPOSITORS	4501-01	Supervisor, Compositors
COMPRESSION	7407-15 7433-99	Compression Moulding Machine Operator Baling and Compression Machine Operator
COMPRESSOR	7307-11 7411-11	Gas Compressor Turbine Operator Toiletries Moulder and Compressor
COMPTOMETRIST	5203-11	Comptometrist
COMPUTER	2211-13 2707-17 2707-17 2707-19 2707-19 2707-23 2707-25	Computer Engineer Computer Analyst Computer Systems Analyst Computer Systems Designer (Software) Computer Systems Engineer (Software) Computer Scientist Computer Auditor

KEYWORD	CODE	TITLE
	4315-01	Supervisor, Office Equipment and Computer Services
	4315-13	Computer Servicer
	4315-13	Computer Technician
	4315-91	Apprentice Office Equipment and Computer Servicer
	4315-91	Trainee Office Equipment and Computer Servicer
	5201-11	Computer Console Operator
	5201-11	Computer Operator
	5201-13	Remote Computer Terminal Operator
	5401-11	Computer Tape Librarian
	7307-15	Torque-turn Computer Operator
CONCERT	2815-13	Concert and Opera Singer
CONCIERGE	8903-01	Hotel Concierge
CONCILIATION	1103-19	Conciliation and Arbitration Commissioner
CONCRETE	7105-13	Concrete Mixer Driver
	7399-23	Concrete Pump Operator
	7399-35	Concrete Batching Plant Operator
	7399-35	Premix Concrete Batcher
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-11	Concrete Pipe Machine Operator
	7419-11	Concrete Pre-cast Moulder
	7419-11	Concrete Products Machine Operator
	8199-19	Cement and Concrete Plant Labourer
	8403-11	Concrete Extra Hand
	8403-11	Concrete Finisher
	8403-11	Concrete Formwork Stripper
	8403-11	Concrete Slab Layer
	8403-11	Concrete Worker
CONCRETER	8403-11	Concreter
CONDUCTOR	2815-11	Orchestra Conductor
	6405-13	Bus Conductor
	6405-13	Train Conductor
	6405-13	Tram Conductor
	6405-13	Transport Conductor
	6609-15	Railway Conductor (Sleeping Car)
CONFECTION	7431-25	Ice Confection Maker
CONFECTIONER	4799-17	Confectioner
	4799-91	Apprentice Confectioner
CONFECTIONERS	4799-01	Supervisor, Confectioners
CONSERVATIONIST	2199-13	Soil Conservationist
CONSERVATOR	2999-11	Conservator
CONSERVE	7431-27	Fruit Conserve and Sauce Maker
CONSOLE	5201-11	Computer Console Operator
	6403-11	Service Station Console Operator
CONSTRUCTION	1601-13	Building and Construction Manager
	2209-11	Construction Engineer
	3207-11	Building Construction Supervisor
	4907-01	Supervisor, Marine Construction Tradespersons
	4907-91	Apprentice Marine Construction Tradesperson
	8101-13	Construction Trades Assistant
	8405-13	Rigger (Construction)
	8499-17	Building Construction Labourer
CONSUL-GENERAL	1101-99	Consul-General
CONSULTANT	2107-27	Agricultural Consultant
	2107-27	Farm Consultant
	2799-99	Management Consultant
	6507-11	Travel Consultant

C

KEYWORD	CODE	TITLE
CONTAINER	5503-11 7499-99	Container Loading Clerk Pressurised Container Filler
CONTINUITY	2807-15 3903-99	Continuity Writer Continuity Person
CONTINUOUS	7201-23 8199-11	Continuous Mining Machine Operator Continuous Plant Galvaniser
CONTRACT	1601-15	Contract Builder
CONTRACTOR	1601-15 4309-11 4929-01	Building Contractor Electrical Contractor Shearing Contractor
CONTROL	1305-11 2211-13 2217-13 3201-15 3201-15 3201-17 3905-25 3905-99 4399-99 8109-13	Quality Control Manager Process Control Engineer Quality Control Metallurgist Control Systems Drafting Officer Process Control Technical Officer Process Control Technician Stream Control Officer Pest Control Inspector Electronic Instrument and Control Tradesperson Quality Control Inspector
CONTROLLER	3303-11 3303-91 5201-01 5503-11 5503-11 7499-19 8999-13	Air Traffic Controller Trainee Air Traffic Controller Electronic Mail Controller Aircraft Load Controller Freight Traffic Controller Fire Controller (Navy) Pest and Weed Controller
CONTROLS	3201-15 3205-13	Digital Controls Technical Officer Hydraulic Controls Technician
CONVEYANCING	5907-13	Conveyancing Clerk
CONVEYOR	7309-11	Conveyor Belt Operator
COOK	4705-13 4705-91 4705-99 4705-99 7431-27	Qualified Cook Apprentice Cook Domestic Cook Shearers' Cook Food Factory Cook
COOKER	7431-27	Fish Cooker
COOKS	4705-01	Supervisor, Cooks
COOPER	4905-15 4905-91	Cooper Apprentice Cooper
COOPERS	4905-01	Supervisor, Coopers
COORDINATOR	3901-11	Neighbourhood Centre Coordinator
COPPERSMITH	4203-13 4203-91	Coppersmith Apprentice Coppersmith
COPY	4901-11 5605-11 7435-11	Copy Lathe Operator Copy Boy/Girl Copy Camera Operator
COPY-WRITER	2807-15	Copy-writer
COPYING	5499-11	Other Filing, Sorting and Copying Clerks
COPYIST	2815-99	Music Copyist
CORAL	8299-99	Coral Collector
CORD	7425-19	Rope and Cord Making Machine Operator

KEYWORD	CODE	TITLE
COREMAKER	4207-13	Coremaker
	4207-13	Moulder and Coremaker
	4207-91	Apprentice Moulder and Coremaker
CORONARY	3401-99	Coronary Care Nurse
CORONER	1103-11	Coroner
CORPORATE	2605-99	Corporate Legal Officer
	3905-27	Corporate Safety Officer
	6101-99	Corporate Finance Officer
CORRESPONDENT	2807-13	News Correspondent
COSMOLOGIST	2105-11	Cosmologist
COST	5301-21	Cost Clerk
COSTUME	2805-11	Costume Designer
COTTAGE	6601-17	Cottage Parent
COTTON	1401-99	Cotton Grower
	7209-11	Cotton Picking Machine Operator
	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-13	Cotton Ginner
	7421-13	Cotton Ginning Bookman/woman
COUCHMAKER	4903-11	Couchmaker
COUNSEL	2605-11	Queen's Counsel
	2605-99	Parliamentary Counsel
COUNSELLOR	2603-11	Drug and Alcohol Counsellor
	2603-11	Rehabilitation Counsellor
	2603-13	Family Counsellor
	2603-13	Marriage Counsellor
	2603-13	Relationship Counsellor
	2603-15	Family Court Counsellor
	2603-17	Careers Counsellor and Adviser
	2603-17	Vocational Counsellor
	2603-99	Educational Counsellor
	2603-99	Housing Counsellor
	2603-99	Student Counsellor
COUNTER	6599-19	Service Counter Clerk
COURIER	7105-11	Courier Driver
COURSE	4803-01	Golf Course Superintendent
COURT	1103-13	Justice of the High Court
	2603-15	Family Court Counsellor
	2999-99	Clerk of High Court
	2999-99	Court Registrar
	2999-99	Master of the Court
	5101-15	Court and Hansard Reporter
	5907-11	Clerk of Court
	5907-15	Court Attendant
	5907-15	Court Orderly
COVERER	4919-11	Floor Coverer
	4919-91	Apprentice Floor Coverer
COVERERS	4919-01	Supervisor, Floor Coverers
COVERINGS	6201-27	Sales Representative (Floor Coverings and Furniture)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
COXSWAIN	3999-33	Warrant Officer Coxswain
	8925-11	Coxswain

C

KEYWORD	CODE	TITLE
CRAFTWORKER	4925-91	Apprentice Craftworker
CRAFTWORKERS	4925-01	Supervisor, Craftworkers
CRANE	7311-01	Supervisor, Crane Operators
	7311-11	Crane Operator
	8499-13	Crane Chaser
CRANES	3905-13	Lifts and Cranes Inspector
CREAM	8109-11	Milk and Cream Grader
CREASE	7415-15	Carton Cutting and Crease Forme Setter
CRECHE	6601-15	Creche Attendant
CREDIT	1507-11	Credit Union Manager
	3999-29	Credit and Loans Analyst
	5301-19	Credit Officer
CREMATORIUM	7315-17	Crematorium Plant Operator
	8999-21	Crematorium Assistant
CREW	8415-11	Pit Crew Worker
CREWMAN	7499-19	Armoured Fighting Vehicle Crewman
CREWMAN/WOMAN	3303-25	Aircraft Crewman/woman (Military and Rescue)
CRIMINOLOGIST	2907-99	Criminologist
CRITIC	2807-99	Critic
CROP	3103-31	Field Crop Technician
	8201-11	Livestock and Field Crop Farm Hand
CROSSING	8999-99	Railway Crossing Attendant
	8999-99	School Crossing Attendant
CROUPIER	6699-99	Croupier
CRUSHER	7399-11	Ore and Stone Crusher Operator
	7399-99	Clay Crusher Operator
	7431-13	Sugar Cane Crusher Operator
CRYPTOGRAPHIC	5201-99	Cryptographic Machine Operator
CRYSTALLOGRAPHER	2105-11	Crystallographer
CUPELMAN/WOMAN	7315-11	Cupelman/woman
CUPOLA	7399-25	Insulation Cupola Operator
CURATOR	4803-01	Sporting Facility Curator
CURRENT	3299-11	Eddy Current Testing Technician
CURRICULUM	2905-11	Curriculum Advisory Teacher
	2905-11	Curriculum Development Officer
CURTAIN	8401-13	Curtain Fitter
CUSTARD	7431-21	Custard Maker
CUSTOM	4903-11	Custom Furniture Maker
CUSTOMER	5601-13	Customer Service Officer
CUSTOMS	3905-19	Customs Examining Officer
	3905-19	Customs Investigator
	5503-13	Customs Agent
	5503-13	Customs Clerk
CUTTER	4103-19	Gear Cutter
	4901-11	Program Router Cutter
	4911-15	Apparel Cutter
	4911-17	Fur Cutter
	4921-11	Glass Cutter

KEYWORD	CODE	TITLE
	4923-13	Diamond Cutter
	4923-13	Gem Cutter and Polisher
	4923-91	Apprentice Diamond Cutter
	7405-11	Key Cutter
	7413-17	Timber Stock Cutter
	7435-11	Negative Producer and Cutter
	7435-13	Film Cutter
	7435-13	Photographic Paper Cutter
	8199-25	Cellular Plastics Cutter
	8199-99	Cloth Cutter
	8203-15	Sleeper Cutter
CUTTING	7415-15	Carton Cutting and Crease Forms Setter
CYLINDER	4503-13	Cylinder Preparer (Printing)
	4503-13	Cylinder Reviser
CYTOLOGIST	2109-11	Cytologist
CYTOPATHOLOGY	3101-13	Cytopathology Technician

D

KEYWORD	CODE	TITLE
D'HOTEL	6505-01	Maitre d'Hotel
DAIRY	1401-19	Dairy Cattle Stud Farmer
	1401-19	Dairy Farm Manager
	1401-19	Dairy Farmer
	3103-31	Dairy Technician
	3905-15	Dairy Produce Inspector
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	8199-43	Dairy Factory Hand
DAM	8415-15	Tailings Dam Labourer
DANCE	2505-15	Dance Teacher (Private)
DANCER	2813-13	Ballet Dancer
	2813-13	Dancer
	2813-13	Tap Dancer
DATA	1311-11	Data Processing Manager
	1311-11	Operations Manager (Data Processing)
	1311-11	Systems Manager (Data Processing)
	2799-11	Health Data Administrator
	3201-15	Communications and Data Systems Drafting Officer
	5201-01	Supervisor, Data Processing Machine Operators
	5201-13	Data Entry Operator
	5201-13	Data Processing Operator
	5201-15	Data Transceiver Operator
DATABASE	2707-13	Database Programmer
	2707-17	Database Analyst
	2707-21	Database Administrator
DAY	6601-15	Day Care Worker
DEACON/DEACONESS	2607-11	Deacon/Deaconess
DEALER	6101-11	Investment Dealer
	6101-11	Securities Dealer
	6101-11	Stock Exchange Dealer
	6101-99	Foreign Exchange Dealer
	6101-99	Futures Dealer
	6101-99	Money Market Dealer
	6501-11	Bottle Dealer
DEAN	1317-99	Dean
DEBARKER	7413-99	Debarker Operator
DEBT	5901-11	Debt Collector
DECK	3305-91	Cadet Deck Officer
DECKHAND	8925-11	Deckhand
DECORATOR	3999-21	Interior Decorator
	4405-11	Painter and Decorator
	4405-91	Apprentice Painter, Decorator and Signwriter
	4703-11	Cake Decorator
DECORATOR'S	8101-13	Painter and Decorator's Assistant
DECORATORS	4405-01	Supervisor, Painters, Decorators and Signwriters
DEFEATHERER	7431-19	Defeatherer and Eviscerator Operator
DEFENCE	1319-15	Captain (Defence Forces)
	1319-15	Commissioned Defence Force Officer (Management)
	1319-91	Trainee Officer (Defence Forces)
	1503-11	Mess Supervisor (Defence Forces)
	3303-99	Air Defence Officer
	3999-99	Signaller (Defence Forces)
	7499-19	Airfield Defence Guard
DEGRADATION	2199-11	Land Degradation Analyst

KEYWORD	CODE	TITLE
DEHYDRATOR	7431-99	Fruit and Vegetable Dehydrator
DELICATESSEN	1501-11	Delicatessen Manager
DELIVERY	5503-99	Delivery Clerk
	5805-01	Supervisor, Messengers and Delivery Officers
	7105-11	Delivery Driver
DEMOGRAPHER	2909-13	Demographer
DEMOLITION	4999-29	Explosive Ordnance Demolition Technician
	8499-17	Demolition Worker
DEMONSTRATOR	2501-13	University or CAE Demonstrator
	6599-15	Sales Demonstrator
DENTAL	2305-13	Dental Specialist
	3101-15	Dental Hygienist
	3101-15	Dental Therapist
	4999-11	Dental Mechanic
	4999-11	Dental Prosthetist
	4999-11	Dental Technician
	4999-91	Apprentice Dental Mechanic
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
	6605-11	Dental Assistant
	6605-11	Dental Nurse
DENTIST	2305-11	Dentist
DEPALLETISER	7433-99	Depalletiser Operator
DEPARTMENT	1201-11	Head of Government Department
	2503-01	Head of Department (TAFE)
	6301-01	Sales Department Manager
DEPOSITOR	4503-13	Depositor and Grinder
DEPUTY	3299-99	Mine Deputy
DERMATOLOGIST	2303-29	Dermatologist
DERRICK	8415-13	Derrick Worker
DESIGN	2219-99	Product Design Engineer
	3103-23	Fabric Design Technical Officer
	3201-11	Electrical Engineering Design Draftsperson
	3201-11	Substation Design Draftsperson
	3201-15	Electronics Engineering Design Draftsperson
	3203-11	Civil Engineering Design Draftsperson
	3203-11	Road Design Draftsperson
	3203-11	Structural Design Draftsperson
	3205-11	Mechanical Engineering Design Draftsperson
	3205-11	Tool Design Draftsperson
	3205-13	Tool Design Detail Draftsperson
	3299-99	Lighting Design Drafting Officer
	3299-99	Shipbuilding Design Drafting Officer
DESIGNER	2707-19	Computer Systems Designer (Software)
	2805-11	Costume Designer
	2805-11	Fashion Designer
	2805-13	Exhibition Designer
	2805-13	Graphic Designer
	2805-13	Package Designer
	2805-13	Publication Designer
	2805-13	Set Designer
	2805-15	Furniture Designer
	2805-15	Industrial Designer
	2805-15	Product Designer
	2805-15	Textile Designer
	2805-17	Interior Designer
	3201-17	Printed Circuit Board Designer

D

KEYWORD	CODE	TITLE
	3205-11	Tool Designer
	3999-27	Forms Analyst and Designer
	3999-27	Forms Designer
DESK	5601-13	Information Desk Clerk
DESPATCH	5605-11	Despatch Rider (Army)
	8907-11	Stores Despatch Hand
DESPATCHER	5503-11	Truck Despatcher
	5503-15	Radio Despatcher
DESPATCHING	5503-01	Supervisor, Transport Recording and Despatching Clerks
	5503-11	Receiving and Despatching Clerk
DETAIL	3201-13	Electrical Engineering Detail Draftsperson
	3201-17	Electronics Detail Drafting Assistant
	3201-17	Electronics Detail Draftsperson
	3203-13	Civil Engineering Detail Draftsperson
	3205-13	Mechanical Detail Draftsperson
	3205-13	Tool Design Detail Draftsperson
	3299-99	Aircraft Detail Draftsperson
	3299-99	Mining Detail Draftsperson
DETAILER	8301-21	Car Detailer
DETECTIVE	3501-13	Detective
	3999-99	Private Detective
DEVELOPER	7435-11	Photographic Developer and Printer
	7435-11	Slide Developer
DEVELOPERS	7435-01	Supervisor, Photographic Developers and Printers
DEVELOPMENT	1399-13	Research and Development Manager
	2705-15	Staff Development Officer
	2905-11	Curriculum Development Officer
	3901-11	Community Development Officer
	7201-23	Development Machine Miner
DIAGNOSTIC	2303-23	Diagnostic Radiologist
	2321-11	Medical Diagnostic Radiographer
DIALYSIS	3101-99	Dialysis Technician
DIAMOND	4923-13	Diamond Cutter
	4923-91	Apprentice Diamond Cutter
	7317-11	Diamond Driller
DICTATYPIST	5103-13	Dictatypist
DIE	4101-11	Die Caster
	4101-11	Die Sinker
	4101-11	Tool and Die Maker
	4103-17	Die Setter
DIESEL	4103-11	Diesel Fitter-Mechanic
	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4601-11	Diesel Motor Mechanic
	4601-91	Apprentice Diesel Motor Mechanic
DIETARY	8921-13	Dietary Aide
DIETITIAN	2399-13	Dietitian
DIGGER	8407-11	Grave Digger
DIGITAL	3201-15	Digital Controls Technical Officer
DINING	6505-01	Dining Room Host/Hostess
	6505-15	Dining Room Attendant
DIPLOMATIC	1101-99	Head of Diplomatic Mission

KEYWORD	CODE	TITLE
DIPPER	8199-11	Metal Dipper
DIRECTIONAL	7317-01	Directional Driller
DIRECTOR	1201-11	Managing Director
	1301-11	Finance Director
	1315-11	Director of Nursing
	2401-11	Kindergarten Director
	2401-11	Pre-School Director
	2811-11	Art Director (Television, Film or Stage)
	2811-13	Casting Director
	2811-15	Director (Film or Stage)
	2811-17	Director of Photography
	2811-23	Director (Radio or Television)
	2811-25	Technical Director
	2815-11	Choral Director
	2815-11	Music Director
	3907-11	Child Care Centre Director
	6699-11	Funeral Director
DISABLED	2407-13	Teacher of the Intellectually Disabled
	2407-13	Teacher of Disabled or Gifted Students
DISC	2819-11	Disc Jockey
DISCIPLINARY	3999-33	Disciplinary Warrant Officer
	3999-33	Military Disciplinary Supervisor
DISEASES	2303-41	Infectious Diseases Specialist
DISHWASHER	8919-11	Dishwasher
DISPENSER	4999-13	Optical Dispenser
DISPLAY	2805-13	Display Artist
	5201-13	Visual Display Unit Operator
DISTILLER	7305-11	Distiller (Chemicals)
	7399-99	Distiller (Beverages)
DISTRIBUTION	1307-11	Supply and Distribution Manager
	2209-11	Water Supply Distribution Engineer
	5503-11	Distribution Clerk
DIVER	4999-21	Clearance Diver
	4999-21	Offshore Diver
	4999-21	Saturation Diver
	4999-23	Abalone Diver
	4999-23	Onshore Diver
	4999-23	Pearl Diver
	4999-23	Police Diver
	4999-23	Shallow Water Diver
DOCKER	7413-15	Sawmill Docker
DOCKMAN/WOMAN	7413-15	Dockerman/woman
DOCKHAND	8909-11	Dockhand
DOCTOR	4213-17	Saw Doctor
	4805-15	Tree Doctor
DOG	4931-99	Dog Trainer
DOGMAN/WOMAN	8499-13	Dogman/woman
DOMESTIC	4705-99	Domestic Cook
	6201-11	Sales Representative (Household Goods and Domestic Hardware)
	8301-99	Domestic Cleaner
	8915-13	Domestic Housekeeper
DOMICILIARY	3401-13	Domiciliary Nurse

D

KEYWORD	CODE	TITLE
DOOR	8401-13	Security Door Installer
	8901-11	Door Attendant
DOOR-TO-DOOR	6501-15	Door-to-Door Salesperson
DOORMAN/WOMAN	8901-11	Doorman/woman
DOUBLE-END	4901-11	Double-End Tenoner Operator
DOUGHMAKER	4703-13	Doughmaker
DRAFTING	3201-11	Electrical Engineering Drafting Officer
	3201-11	Relays Drafting Officer
	3201-13	Electrical Engineering Drafting Assistant
	3201-15	Communications and Data Systems Drafting Officer
	3201-15	Control Systems Drafting Officer
	3201-15	Electronics Engineering Drafting Officer
	3201-17	Electronics Detail Drafting Assistant
	3203-11	Civil Engineering Drafting Officer
	3203-11	Sewage Reticulation Drafting Officer
	3203-11	Structural Engineering Drafting Officer
	3203-13	Civil Engineering Drafting Assistant
	3205-11	Air-Conditioning Drafting Officer
	3205-11	Mechanical Engineering Drafting Officer
	3205-13	Mechanical Engineering Drafting Assistant
	3207-13	Architectural Drafting Officer
	3207-15	Engineering Survey Drafting Officer
	3207-15	Topographic Drafting Officer
	3299-99	Lighting Design Drafting Officer
	3299-99	Shipbuilding Design Drafting Officer
DRAFTSPERSON	3201-11	Electrical Engineering Design Draftsperson
	3201-11	Substation Design Draftsperson
	3201-13	Electrical Engineering Detail Draftsperson
	3201-15	Electronics Engineering Design Draftsperson
	3201-17	Electronics Detail Draftsperson
	3203-11	Civil Engineering Design Draftsperson
	3203-11	Road Design Draftsperson
	3203-11	Structural Design Draftsperson
	3203-13	Civil Engineering Detail Draftsperson
	3205-11	Mechanical Engineering Design Draftsperson
	3205-11	Tool Design Draftsperson
	3205-13	Mechanical Detail Draftsperson
	3205-13	Tool Design Detail Draftsperson
	3299-99	Aircraft Detail Draftsperson
	3299-99	Mining Detail Draftsperson
DRAGLINE	7201-01	Dragline Supervisor
	7201-21	Dragline Operator
	7201-91	Dragline Oiler
DRAIN	4409-15	Drain Cleaner
DRAINAGE	3905-11	Plumbing and Drainage Inspector
DRAINER	4409-15	Drainer
	4409-91	Apprentice Drainer
DRAINERS	4409-01	Supervisor, Drainers
DRAMA	2505-17	Drama Teacher (Private)
DRAWER-IN	7425-11	Drawer-in
DRAWING	7401-15	Wire Drawing Machine Operator
	7421-11	Yarn Drawing Machine Operator
DREDGE	3305-11	Dredge Master
	7201-25	Dredge Operator
DRESSER	3999-19	Window Dresser
	7405-11	Metal Dresser and Grinder

KEYWORD	CODE	TITLE
	7425-11	Textile Dresser
DRESSMAKER	4911-13	Dressmaker
DRESSMAKERS	4911-01	Supervisor, Dressmakers
DRESSMAKING	2505-99	Dressmaking Teacher (Private)
DRIED	7431-21	Dried Milk Products Maker
DRILL	7317-11	Coal Seam Drill Operator
	7317-11	Jumbo Drill Operator
	7317-11	Long Hole Drill Operator
	7317-11	Raise Drill Operator
	7317-11	Rock Drill Operator
	7317-11	Rotary Drill Operator
DRILLER	4103-13	Radial Driller (Metal)
	7317-01	Directional Driller
	7317-01	Master Driller
	7317-11	Diamond Driller
	7317-11	Water Well Driller
DRILLER'S	8415-13	Driller's Offsider
DRILLING	2215-13	Oil and Gas Drilling Engineer
	7303-11	Motorman/woman (Fluids Drilling)
	7317-01	Supervisor, Drilling Plant Operators
	7317-11	Drilling Plant Operator
DRINK	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	6301-15	Sales Assistant (Food and Drink Products)
	6505-13	Drink Waiter/Waitress
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7431-15	Soft Drink Mixer
DRIVER	7101-11	Bus Driver
	7101-13	Tram Driver
	7103-11	Automobile Driver
	7103-11	Hire Car Driver
	7103-11	Taxi Driver
	7105-11	Courier Driver
	7105-11	Delivery Driver
	7105-11	Taxi Truck Driver
	7105-11	Van Driver
	7105-13	Concrete Mixer Driver
	7105-13	Haul Truck Driver
	7105-13	Heavy Truck Driver
	7105-13	Road Train Driver
	7105-13	Semi-Trailer Driver
	7105-13	Stock Transport Driver
	7105-13	Tanker Driver
	7105-13	Tow Truck Driver
	7107-11	Locomotive Driver
	7107-11	Rail Car Driver
	7107-11	Train Driver
	7107-11	Underground Locomotive Driver
	7107-91	Assistant Locomotive Driver
	7107-91	Trainee Locomotive Driver
	7203-11	Forklift Driver
	7203-11	Reach Truck Driver
	7203-11	Turret Truck Driver
	7209-11	Farm Tractor Driver
	7303-11	Sugar Mill Engine Driver
	7313-11	Winding Engine Driver
	7499-19	Armoured Fighting Vehicle Driver
DRIVER'S	8909-17	Truck Driver's Offsider
DRIVERS	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
	7107-01	Supervisor, Locomotive Drivers

D

KEYWORD	CODE	TITLE
DRIVEWAY	6599-21	Driveway Attendant
DRIVING	2505-19	Driving Instructor
DROP-SORTER	7413-99	Drop-Sorter Operator
DROVER	8201-11	Drover
DRUG	2603-11	Drug and Alcohol Counsellor
DRY	1501-11	Dry Cleaning Establishment Manager
	7415-13	Dry End Papermaking Machine Operator
	7499-15	Dry Cleaning Machine Operator
DRYER	7431-13	Sugar Dryer Operator
	7499-13	Tobacco Dryer Attendant
DRYING	7423-11	Leather Drying Operator
DUBBING	3903-11	Dubbing Machine Operator
	3903-11	Dubbing Projectionist (Sound Mixing)
DUCTWORKER	4203-17	Ductworker
DUMPER	7309-11	Car Dumper Operator
DUPLICATING	5499-11	Photocopying and Duplicating Clerk
DYE	3299-11	Dye Penetrant Testing Technician
DYEING	3103-23	Dyeing and Finishing Technical Officer
	7425-17	Textile Dyeing and Finishing Machine Operator
DYER	7425-17	Fabric Dyer
	7425-17	Garment Dyer

KEYWORD	CODE	TITLE
EAR	2303-31	Ear, Nose and Throat Specialist
EARLY	2401-11	Early Childhood Teacher
	2905-13	Early Child Care Adviser
EARTH	3103-15	Earth Science Technical Officer
	3103-17	Earth Science Technician
EARTHMOVING	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7201-13	Scraper Operator (Earthmoving)
	7201-19	Loader Operator (Earthmoving)
	7201-91	Trainee Excavating and Earthmoving Plant Operator
	8407-11	Earthmoving Labourer
ECOLOGICAL	3103-25	Ecological Technical Officer
ECOLOGIST	2107-21	Ecologist
ECONOMETRICIAN	2901-11	Econometrician
ECONOMIC	2907-13	Economic Geographer
	2907-15	Economic Historian
ECONOMIST	2901-11	Agricultural Economist
	2901-11	Economist
	2901-11	International Trade Economist
	2901-11	Labour Economist
	2901-11	Transport Economist
EDDY	3299-11	Eddy Current Testing Technician
EDGE	4901-11	Edge Bander Operator
EC GERMAN/WOMAN	7413-13	Edgerman/woman
EDITOR	1201-11	Managing Editor
	2807-01	Assistant Editor
	2807-01	Associate Editor
	2807-01	News Editor
	2809-13	Book Editor
	2809-15	Script Editor
	2811-19	Film Editor
	3903-11	Sound Editor
EDITORIAL	2807-99	Editorial Assistant
	2807-99	Editorial Writer
EDP	2707-17	EDP Analyst
	2707-25	EDP Auditor
	2707-25	EDP Security Analyst
	6201-13	Sales Representative (EDP Equipment)
	6201-17	Sales Representative (Electronic Equipment except EDP)
	6301-99	Sales Assistant (EDP and Office Equipment)
EDUCATION	2407-99	Aboriginal Education Teacher
	2503-13	TAFE Teacher (General Education)
	2905-13	Education Officer
EDUCATIONAL	2407-11	Educational Support Teacher
	2603-99	Educational Counsellor
	2903-13	Educational Guidance Officer
	2903-13	Educational Psychologist
EDUCATOR	2505-25	Nurse Educator
EFFECTS	3903-99	Sound Effects Person
	3903-99	Special Effects Person
EGG	1401-25	Egg Producer
	8199-45	Egg Candler

E

KEYWORD	CODE	TITLE
	8199-45	Egg Process Worker
ELECTRICAL	2211-11	Chief Electrical Engineer
	2211-11	Electrical Engineer
	2211-11	Electrical Maintenance Engineer
	2211-11	Electrical Power Engineer
	3201-11	Electrical Engineering Associate
	3201-11	Electrical Engineering Design Draftsperson
	3201-11	Electrical Engineering Drafting Officer
	3201-11	Electrical Engineering Technical Officer
	3201-13	Electrical Engineering Detail Draftsperson
	3201-13	Electrical Engineering Drafting Assistant
	3201-13	Electrical Engineering Technician
	3201-13	Electrical Instrument Technician
	3303-19	Airworthiness Surveyor (Electrical and Instruments)
	3905-11	Electrical Installation Inspector
	4211-15	Aircraft Electrical Engineer
	4211-15	Aircraft Ground Engineer (Electrical)
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Examiner of Aircraft (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4301-01	Supervisor, Electrical Powerline Tradespersons
	4301-11	Electrical Linesman/woman
	4301-13	Electrical Cable Joiner
	4301-91	Apprentice Electrical Powerline Tradesperson
	4301-91	Trainee Electrical Linesman/woman
	4303-01	Supervisor, Electrical Fitters
	4303-11	Electrical Equipment Fitter
	4303-11	Electrical Instrument Fitter
	4303-13	Electrical Appliance Servicer
	4303-91	Apprentice Electrical Fitter
	4305-11	Automotive Electrical Fitter
	4309-01	Supervisor, Electrical Mechanics
	4309-11	Electrical Contractor
	4309-11	Electrical Mechanic
	4309-91	Apprentice Electrical Mechanic
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
	8101-15	Electrical and Telecommunications Trades Assistant
	8101-15	Electrical Power Linesman/woman's Assistant
	8103-13	Electrical and Electronic Equipment Assembler
ELECTRICIAN	4305-11	Automotive Electrician
	4305-91	Apprentice Automotive Electrician
	4309-11	Electrician
	4309-13	Electrician (Special Class)
	4309-91	Apprentice Electrician
	4399-11	Lift Electrician
ELECTRICIANS	4305-01	Supervisor, Automotive Electricians
ELECTROCARDIOGRAPHIC	3101-99	Electrocardiographic Technician
ELECTROENCEPHALOGRAPHIC	3101-99	Electroencephalographic Technician
ELECTROFORMER	4209-13	Electroformer
ELECTROLYTIC	7399-31	Electrolytic Cell Operator
	7399-31	Electrolytic Refiner
ELECTRONIC	3201-17	Communications Electronic Systems Technician (Air Force)
	4399-99	Apprentice Electronic Instrumentation Tradesperson
	4399-99	Electronic Instrument and Control Tradesperson
	4399-99	Electronic Instrument Tradesperson (Complex Systems)
	4503-15	Electronic Scanner Operator (Printing)
	5201-01	Electronic Mail Controller
	5201-15	Electronic Mail Operator
	6201-17	Sales Representative (Electronic Equipment except EDP)
	8103-13	Electrical and Electronic Equipment Assembler

KEYWORD	CODE	TITLE
ELECTRONICS	2211-13	Chief Electronics Engineer
	2211-13	Electronics Engineer
	3201-15	Aircraft Electronics Technical Officer
	3201-15	Electronics Engineering Associate
	3201-15	Electronics Engineering Design Draftsperson
	3201-15	Electronics Engineering Drafting Officer
	3201-15	Electronics Engineering Technical Officer
	3201-17	Electronics Detail Drafting Assistant
	3201-17	Electronics Detail Draftsperson
	3201-17	Electronics Engineering Technician
	3303-99	Airborne Electronics Analyst
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
ELECTROPLATER	4209-13	Electroplater (First Class)
	4209-15	Electroplater (Second Class)
	4209-17	Electroplater (Third Class)
	4209-91	Apprentice Electroplater
ELECTROTYPYER	4509-11	Stereotypy and Electrotypy
	4509-91	Apprentice Stereotypy and Electrotypy
ELECTROTYPERS	4509-01	Supervisor, Stereotypers and Electrotypers
ELOCUTION	2505-17	Elocution Teacher
EMBALMER	6699-11	Embalmer
EMBOSSEER	4921-11	Glass Embosser
EMBRYOLOGIST	2107-11	Embryologist
EMPLOYMENT	2705-11	Employment Officer
	2705-11	Equal Employment Officer
	5905-13	Employment Office Clerk
END	7415-11	Wet End Papermaking Machine Operator
	7415-13	Dry End Papermaking Machine Operator
ENDOCRINOLOGIST	2107-13	Endocrinologist
	2303-99	Clinical Endocrinologist
ENDODONTIST	2305-13	Endodontist
ENGINE	4211-11	Aircraft Engine Fitter
	4601-13	Small Engine Mechanic
	4601-91	Apprentice Small Engine Mechanic
	7303-11	Stationary Engine and Boiler Operator
	7303-11	Sugar Mill Engine Driver
	7303-13	Marine Engine and Boiler Operator
	7313-11	Winding Engine Driver
ENGINEER	1399-99	Marine Engineer Superintendent
	2109-13	Biomedical Engineer
	2207-11	Chemical Engineer
	2207-11	Combustion Engineer
	2207-11	Petrochemical Process Engineer
	2207-11	Principal Chemical Engineer
	2207-11	Smelting Engineer
	2207-11	Water Treatment Engineer
	2209-11	Chief Civil Engineer
	2209-11	Civil Engineer
	2209-11	Construction Engineer
	2209-11	Municipal Engineer
	2209-11	Structural Engineer
	2209-11	Transport Engineer (Army)
	2209-11	Water Supply Distribution Engineer
	2211-11	Chief Electrical Engineer
	2211-11	Electrical Engineer
	2211-11	Electrical Maintenance Engineer
	2211-11	Electrical Power Engineer
	2211-13	Chief Electronics Engineer

E

KEYWORD

CODE

TITLE

	2211-13	Communications Engineer
	2211-13	Computer Engineer
	2211-13	Electronics Engineer
	2211-13	Process Control Engineer
	2211-13	Radio Engineer
	2211-13	Telecommunications Engineer
	2213-11	Air-Conditioning Engineer
	2213-11	Chief Mechanical Engineer
	2213-11	Mechanical Engineer
	2215-11	Chief Mining Engineer
	2215-11	Mining Engineer (except Petroleum)
	2215-13	Mud Engineer
	2215-13	Oil and Gas Drilling Engineer
	2215-13	Petroleum Engineer
	2215-13	Petrophysical Engineer
	2217-11	Hydrometallurgical Engineer
	2217-11	Pyrometallurgical Engineer
	2217-15	Ceramics Engineer
	2217-15	Materials Engineer
	2217-15	Metallurgical Engineer
	2217-15	Polymer Engineer
	2219-11	Aeronautical Engineer
	2219-11	Air Safety Engineer
	2219-13	Agricultural Engineer
	2219-17	Industrial Engineer
	2219-17	Methods Engineer
	2219-17	Safety Engineer
	2219-99	Military Armament Engineer
	2219-99	Military Instrument Engineer
	2219-99	Product Design Engineer
	2707-19	Computer Systems Engineer (Software)
	2707-19	Software Engineer
	3303-15	Flight Engineer
	3303-21	Flight Engineer Inspector
	3307-11	Marine Engineer
	3307-11	Motor Vessel Engineer Officer
	3307-11	Ship's Engineer Officer
	3307-13	Marine Engineer Surveyor
	3307-91	Cadet Marine Engineer
	3307-91	Trainee Marine Engineer
	4211-11	Aircraft Ground Engineer (Engines)
	4211-11	Aircraft Maintenance Engineer (Engines)
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11	Line Maintenance Aircraft Engineer (Engines)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)
	4211-15	Aircraft Electrical Engineer
	4211-15	Aircraft Ground Engineer (Electrical)
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Aircraft Ground Engineer (Radio)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Aircraft Ground Engineer (Instruments)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
	4211-91	Apprentice Aircraft Ground Engineer
	4211-91	Apprentice Aircraft Maintenance Engineer
	7211-11	Fire Engineer (Army)
ENGINEERING	1399-11	Engineering Manager
	2205-13	Engineering Surveyor
	3201-11	Electrical Engineering Associate
	3201-11	Electrical Engineering Design Draftsperson

KEYWORD	CODE	TITLE
	3201-11	Electrical Engineering Drafting Officer
	3201-11	Electrical Engineering Technical Officer
	3201-13	Electrical Engineering Detail Draftsperson
	3201-13	Electrical Engineering Drafting Assistant
	3201-13	Electrical Engineering Technician
	3201-15	Communications Engineering Technical Officer
	3201-15	Electronics Engineering Associate
	3201-15	Electronics Engineering Design Draftsperson
	3201-15	Electronics Engineering Drafting Officer
	3201-15	Electronics Engineering Technical Officer
	3201-17	Communications Engineering Technician
	3201-17	Electronics Engineering Technician
	3203-11	Civil Engineering Associate
	3203-11	Civil Engineering Design Draftsperson
	3203-11	Civil Engineering Drafting Officer
	3203-11	Civil Engineering Technical Officer
	3203-11	Structural Engineering Drafting Officer
	3203-13	Civil Engineering Detail Draftsperson
	3203-13	Civil Engineering Drafting Assistant
	3203-13	Civil Engineering Technician
	3205-11	Mechanical Engineering Associate
	3205-11	Mechanical Engineering Design Draftsperson
	3205-11	Mechanical Engineering Drafting Officer
	3205-11	Mechanical Engineering Technical Officer
	3205-13	Mechanical Engineering Drafting Assistant
	3205-13	Mechanical Engineering Technician
	3207-15	Engineering Survey Drafting Officer
	3299-99	Aeronautical Engineering Technical Officer
	3299-99	Engineering Tracer
	3299-99	Production Planning Officer (Engineering)
ENGINEERS	4211-01	Supervisor, Aircraft Maintenance Engineers
ENGINEMAN/WOMAN	7107-11	Locomotive Engineman/woman
ENGINES	3303-19	Airworthiness Surveyor (Engines)
	4211-11	Aircraft Ground Engineer (Engines)
	4211-11	Aircraft Maintenance Engineer (Engines)
	4211-11	Aircraft Mechanic (Engines)
	4211-11	Examiner of Aircraft Engines
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11	Line Maintenance Aircraft Engineer (Engines)
ENGLISH	2407-99	Teacher of English as a Second Language
ENGRAVER	4213-21	Engraver
ENGRAVING	4503-11	Etcher-Finisher (Photo Engraving)
ENLARGER	7435-11	Photographic Enlarger Operator
ENROLLED	6603-11	Enrolled Nurse
	6603-91	Student Enrolled Nurse
ENTERTAINMENT	8901-13	Entertainment Usher
ENTOMOLOGIST	2107-23	Entomologist
ENTRY	5201-13	Data Entry Operator
ENVIRONMENTAL	2199-11	Environmental Scientist
	2801-99	Environmental Artist
ENZYME	2107-15	Enzyme Chemist
EPIDEMIOLOGIST	2109-11	Epidemiologist
EQUAL	2705-11	Equal Employment Officer
EQUIPMENT	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-15	Television Equipment Operator

E

KEYWORD	CODE	TITLE
	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4303-11	Electrical Equipment Fitter
	4311-01	Supervisor, Communications Equipment Tradespersons
	4311-91	Trainee Communications Equipment Tradesperson
	4315-01	Supervisor, Office Equipment and Computer Services
	4315-11	Business Equipment Mechanic
	4315-11	Office Equipment Servicer
	4315-91	Apprentice Office Equipment and Computer Servicer
	4315-91	Trainee Office Equipment and Computer Servicer
	4999-27	Aircraft Safety Equipment Worker
	6201-13	Sales Representative (EDP Equipment)
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
	6201-17	Sales Representative (Communications Equipment)
	6201-17	Sales Representative (Electronic Equipment except EDP)
	6201-99	Sales Representative (Photographic Equipment and Supplies)
	6301-99	Sales Assistant (EDP and Office Equipment)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
	6301-99	Sales Assistant (Sports Equipment and Toys)
	8103-13	Electrical and Electronic Equipment Assembler
	8109-13	Equipment Assembly Inspector
ERECTOR	8401-13	Carport Erector
	8405-17	Structural Steel Erector
	8499-15	Fence Erector
ERGONOMIST	2999-99	Ergonomist
ESCORT	6699-99	Escort
ESTABLISHMENT	1501-11	Dry Cleaning Establishment Manager
	1599-11	Hairdressing Establishment Managing Supervisor
ESTATE	1599-17	Real Estate Agency Manager
	6105-11	Real Estate Sales Representative
	6105-11	Real Estate Salesperson
	6105-11	Real Estate Sub-agent
	6105-13	Real Estate Property Manager
ESTIMATOR	3207-11	Building Estimator
ETCHER	2801-99	Etcher (Artistic)
	4921-11	Glass Etcher
ETCHER-FINISHER	4503-11	Etcher-Finisher (Photo Engraving)
EVAPORATOR	7431-13	Evaporator Boiler (Sugar Processing)
EVISCERATOR	7431-19	Defeatherer and Eviscerator Operator
	8199-33	Eviscerator
EXAMINER	2999-99	Patent Examiner
	3303-21	Examiner of Flightcrew
	3905-13	Gas Examiner
	3905-17	Train Examiner
	4211-11	Examiner of Aircraft Engines
	4211-13	Examiner of Airframes
	4211-15	Examiner of Aircraft (Electrical)
	4211-17	Examiner of Aircraft Radio
	4211-19	Examiner of Aircraft Instruments
	8109-13	Film Examiner
	8109-13	Product Examiner
	8109-13	Textile Examiner
	8109-13	Tyre Finisher and Examiner
EXAMINING	3905-19	Customs Examining Officer
EXCAVATING	7201-01	Supervisor, Excavating and Earthmoving Plant Operators

KEYWORD	CODE	TITLE
	7201-91	Trainee Excavating and Earthmoving Plant Operator
EXCAVATOR	7201-21	Bucketwheel Excavator Operator
	7201-29	Excavator Operator
EXCEPT	1301-11	Treasurer (except government)
	2107-99	Pharmacologist (except Clinical)
	2215-11	Mining Engineer (except Petroleum)
	3905-29	Claims Assessor (except Health)
	3905-29	Insurance Assessor (except Health)
	6201-17	Sales Representative (Electronic Equipment except EDP)
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	8999-11	Animal Groom (except Horse)
EXCHANGE	6101-11	Stock Exchange Dealer
	6101-11	Trading Floor Operator (Stock Exchange)
	6101-99	Foreign Exchange Dealer
EXECUTIVE	1201-11	Chief Executive
	1305-13	Executive Producer
	2703-11	Advertising Account Executive
	2999-99	Executive Assistant
	4705-01	Executive Chef
	8915-11	Executive Housekeeper
EXHIBITION	2805-13	Exhibition Designer
EXPERT	4929-03	Shearing Shed Expert
EXPLOSIVE	4999-29	Explosive Ordnance Demolition Technician
EXPLOSIVES	4999-29	Military Explosives Technician
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-13	Explosives Mixer Operator
	7411-13	Explosives Production Machine Operator
EXPORT	1303-11	Export Manager
EXPORTS	3905-15	Fish Exports Inspector
EXTENSION	2107-27	Agricultural Extension Officer
EXTERIOR	8401-13	Exterior Cladding Installer
EXTERMINATOR	8999-13	Pest Exterminator
EXTRA	8403-11	Concrete Extra Hand
EXTRACTIVE	2217-11	Extractive Metallurgist
EXTRUDER	7407-25	Sheathing Extruder
	7431-11	Food Processing Extruder Operator
EXTRUDING	7407-11	Plastics Extruding Machine Setter
	7407-13	Plastics Extruding Machine Operator
EXTRUSION	7401-17	Metal Extrusion Press Operator

F

KEYWORD	CODE	TITLE
FABRIC	3103-23	Fabric Design Technical Officer
	7425-01	Supervisor, Fabric Production Machine Operators
	7425-17	Fabric Dyer
	7425-99	Fabric Bonding Machine Operator
FABRICATOR	4205-11	Metal Fabricator
	4205-13	Structural Metal Fabricator
	4205-91	Apprentice Metal Fabricator
	8199-25	Plastic Sheet Fabricator
FABRICATOR-WELDER	4205-11	Metal Fabricator-Welder
FABRICS	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
FACETER	4923-13	Faceter
FACILITY	4803-01	Sporting Facility Curator
FACTORY	7431-27	Food Factory Cook
	8199-01	Supervisor, Other Trades Assistants and Factory Hands
	8199-11	Metal Processing and Finishing Factory Hand
	8199-15	Hardboard Factory Hand
	8199-15	Joinery Factory Hand
	8199-15	Particleboard Factory Hand
	8199-15	Plywood Factory Hand
	8199-15	Wood and Wood Products Factory Hand
	8199-17	Pulp, Papermaking and Paper Products Factory Hand
	8199-21	Clay Processing Factory Hand
	8199-23	Munitions Factory Hand
	8199-23	Paint Factory Hand
	8199-25	Rubber and Plastics Factory Hand
	8199-41	Baking Factory Hand
	8199-41	Biscuit Factory Hand
	8199-43	Cheese Factory Worker
	8199-43	Dairy Factory Hand
	8199-47	Fruit and Vegetable Factory Hand
	8301-11	Factory Cleaner
FACULTY	1317-99	Faculty Head
FALLER	8203-11	Hardwood Faller
	8203-11	Softwood Faller
	8203-11	Tree Faller
FAMILY	2603-13	Family Counsellor
	2603-13	Family Therapist
	2603-15	Family Court Counsellor
	6607-13	Family Aide
	6607-13	Family Support Worker
FARM	1401-11	Grain, Oilseed and Pasture Farm Manager
	1401-13	Sugar Cane Farm Manager
	1401-15	Tobacco Farm Manager
	1401-17	Beef Cattle Farm Manager
	1401-19	Dairy Farm Manager
	1401-21	Sheep Farm Manager
	1401-23	Pig Farm Manager
	1401-25	Poultry Farm Manager
	1401-29	Mixed Farm Manager
	1401-31	Fruit and Nut Farm Manager
	1401-33	Vegetable Farm Manager
	1401-91	Farm Apprentice
	1401-91	Trainee Farm Manager
	2107-27	Farm Consultant
	7209-11	Farm Machinery Operator
	7209-11	Farm Tractor Driver
	7309-11	Tank Farm Operator
	8201-01	Farm Overseer
	8201-01	Supervisor, Farm Hands and Assistants
	8201-11	Livestock and Field Crop Farm Hand

KEYWORD	CODE	TITLE
	8201-13	Fruit, Vegetable and Nut Farm Hand
	8201-99	Fish Farm Worker
	8201-99	Poultry Farm Hand
FARMER	1401-11	Seed Farmer
	1401-11	Wheat Farmer
	1401-17	Beef Cattle Farmer
	1401-17	Beef Cattle Stud Farmer
	1401-17	Buffalo Farmer
	1401-19	Dairy Cattle Stud Farmer
	1401-19	Dairy Farmer
	1401-21	Sheep Farmer
	1401-21	Sheep Stud Farmer
	1401-23	Pig Farmer
	1401-25	Poultry Farmer
	1401-27	Horse Stud Farmer
	1401-29	Mixed Farmer
	1401-91	Trainee Farmer
	1401-99	Fish Farmer
	1401-99	Goat Farmer
	1401-99	Oyster Farmer
FARRIER	4201-13	Farrier
	4201-91	Apprentice Farrier
FASHION	2805-11	Fashion Designer
FEEDER	7413-21	Plywood Centre Feeder
FELLER	7205-11	Tree Feller Operator
FELLMONGERING	7423-11	Fellmongering Machine Operator
FELLMONGERY	8199-27	Fellmongery Hand
FELLOW	2501-13	University or CAE Teaching Fellow
FELTMAKER	7425-99	Feltmaker
FENCE	8499-15	Fence Erector
FENCER	8499-15	Fencer
FERMENTATION	7305-11	Fermentation Operator (Chemicals)
FERRY	3305-11	Ferry Master
	7299-99	Cable Ferry Operator
	8925-11	Ferry Hand
FETTLER	8413-11	Railway Fettler
FIBRE	7419-01	Supervisor, Fibre Cement Machine Operators
FIBRE-CEMENT	7419-21	Fibre-Cement Machine Operator
	7419-21	Fibre-Cement Moulder
FIBROUS	4407-13	Fibrous Plaster Fixer
	4407-13	Fibrous Plaster Setter
	4407-13	Fibrous Plasterer
	7419-19	Fibrous Plaster Maker
FIELD	3103-31	Field Crop Technician
	3905-99	Postal Services Field Manager
	8201-11	Livestock and Field Crop Farm Hand
	8411-11	Geological Survey Field Assistant
FIGHTER	7211-11	Fire Fighter
FIGHTERS	7211-01	Supervisor, Fire Fighters
FIGHTING	7499-19	Armoured Fighting Vehicle Crewman
	7499-19	Armoured Fighting Vehicle Driver
FILING	5401-01	Supervisor, Library and Filing Clerks
	5401-13	Filing Clerk

F

KEYWORD	CODE	TITLE
	5499-11	Other Filing, Sorting and Copying Clerks
FILL	7399-11	Surface Hydraulic Fill Operator
FILLER	7433-11	Liquide Filler
	7433-99	Can Filler and Closer
	7433-99	Sack and Bag Filler
	7499-99	Pressurised Container Filler
FILLETER	8199-39	Fish Filleter
FILM	2811-11	Art Director (Television, Film or Stage)
	2811-15	Director (Film or Stage)
	2811-19	Film Editor
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-13	Film Cutter
	7435-13	Film Spooler
	7435-13	Photographic Film Manufacturing Operator
	8109-13	Film Examiner
FINANCE	1301-11	Finance Director
	1301-11	Finance Manager
	6101-99	Corporate Finance Officer
FINANCIAL	1507-11	Financial Institution Branch Manager
	5301-17	Branch Accountant (Financial Institution)
FINE	3999-21	Fine Furnisher
FINISH	3999-17	Finish Artist
FINISHER	4507-11	Binder and Finisher
	4507-91	Apprentice Binder and Finisher
	4905-19	Furniture Finisher
	4905-91	Apprentice Furniture Finisher
	4919-11	Floor Finisher
	7429-11	Shoemaking Finisher
	7435-11	Print Finisher
	8109-13	Tyre Finisher and Examiner
	8403-11	Concrete Finisher
FINISHERS	4507-01	Supervisor, Binders and Finishers
	4905-01	Supervisor, Furniture Finishers
FINISHING	3103-23	Dyeing and Finishing Technical Officer
	4209-01	Supervisor, Metal Finishing Tradespersons
	4209-91	Apprentice Metal Finishing Tradesperson
	7423-11	Leather Finishing Machine Operator
	7425-17	Textile Dyeing and Finishing Machine Operator
	7427-11	Garment Finishing Operator
	8199-11	Metal Processing and Finishing Factory Hand
	8199-11	Metal Processing and Finishing Labourer
FIRE	1201-11	Fire Commissioner
	1319-13	Commissioned Fire Officer
	7211-01	Supervisor, Fire Fighters
	7211-11	Fire Engineer (Army)
	7211-11	Fire Fighter
	7211-11	Fire Prevention Officer
	7499-19	Fire Controller (Navy)
	8203-13	Fire Look-out
FIREMAN/WOMAN	7107-91	Railway Fireman/woman
FIRER'S	8101-99	Shot Firer's Assistant
FIRM	1599-99	Stockbroking Firm Manager
FIRST	4103-13	Metal Machinist (First Class)
	4203-11	Sheetmetal Worker (First Class)
	4205-17	Welder (First Class)
	4209-13	Electroplater (First Class)

KEYWORD	CODE	TITLE
	8999-99	First Aid Officer
FISH	1401-99	Fish Farmer
	3905-15	Fish Exports Inspector
	7431-19	Fish Plant and Machinery Operator
	7431-19	Fish Smokehouse Operator
	7431-19	Meat and Fish Processing Machine Operator
	7431-27	Fish Cooker
	8199-39	Fish Filleter
	8199-39	Fish Process Worker
	8201-99	Fish Farm Worker
FISHER	8925-13	Fisher
FISHERIES	3103-25	Fisheries Technical Officer
	3905-99	Fisheries and Wildlife Inspector
FISHERMAN/WOMAN	3305-15	Master Fisherman/woman
	8925-13	Fisherman/woman
FISHING	3305-11	Fishing Vessel Master
	7317-11	Fishing Tool Operator
FITNESS	2505-99	Fitness Instructor
	2505-99	Physical Fitness Instructor
FITTER	4103-11	Bench Fitter
	4103-11	Fitter
	4103-11	Fitter and Turner
	4103-11	Maintenance Fitter
	4103-11	Service Fitter
	4103-91	Apprentice Fitter, Turner and Machinist
	4103-91	Apprentice Metal Fitter and Machinist
	4211-11	Aircraft Engine Fitter
	4211-13	Airframe Fitter
	4213-11	Instrument Fitter
	4303-11	Electrical Equipment Fitter
	4303-11	Electrical Instrument Fitter
	4303-91	Apprentice Electrical Fitter
	4305-11	Automotive Electrical Fitter
	4307-13	Refrigeration Fitter
	4401-11	Shop Fitter
	4409-11	Pipe Fitter (Plumbing)
	4409-11	Sprinkler Fitter
	4409-13	Gas-main and Line Fitter
	4409-91	Apprentice Sprinkler Fitter
	4999-13	Ophthalmic Lens Surfer and Fitter
	4999-29	Armament Fitter
	8401-13	Curtain Fitter
	8923-11	Muffler Fitter
	8923-11	Vehicle Accessories Fitter
	8923-11	Windscreen Fitter
	8923-11	Tyre and Tube Fitter
FITTER-MACHINIST	4103-11	Fitter-Machinist
FITTER-MECHANIC	4103-11	Diesel Fitter-Mechanic
	4103-11	Fitter-Mechanic
FITTER-WELDER	4103-11	Fitter-Welder
FITTER'S	8101-11	Fitter's Assistant
FITTERS	4103-01	Supervisor, Metal Fitters and Machinists
	4303-01	Supervisor, Electrical Fitters
	4409-01	Supervisor, Gas Fitters
	8923-01	Supervisor, Vehicle Accessories Fitters
FIXER	4407-13	Fibrous Plaster Fixer
	4407-13	Plasterboard Fixer
	4411-11	Roof Fixer

F

KEYWORD	CODE	TITLE
	4413-11	Wall and Floor Tile Fixer
	4999-15	Stone Fixer
	8405-15	Steel Fixer
FIXING	4401-11	Fixing Carpenter
FLAT	4921-11	Flat Glass Tradesperson
	4921-91	Apprentice Flat Glass Tradesperson
FLESHER	8199-27	Flesher Hand
FLESHING	7423-11	Hide and Skin Fleshing Machine Operator
FLEXOGRAPHIC	4503-11	Flexographic Plate Maker
	4505-15	Flexographic or Gravure Printing Machinist
FLIGHT	1319-15	Flight Lieutenant
	3201-15	Flight Surveyor
	3303-13	Flight Service Officer
	3303-15	Flight Engineer
	3303-21	Flight Engineer Inspector
	3303-93	Trainee Flight Service Officer
	6609-01	Senior Flight Attendant
	6609-11	Flight Attendant
FLIGHTCREW	3303-21	Examiner of Flightcrew
FLOOR	2811-21	Floor Manager (Television)
	4413-01	Supervisor, Wall and Floor Tilers
	4413-11	Terrazzo Floor Layer
	4413-11	Wall and Floor Tile Fixer
	4413-11	Wall and Floor Tiler
	4413-91	Apprentice Wall and Floor Tiler
	4919-01	Supervisor, Floor Coverers
	4919-11	Floor Coverer
	4919-11	Floor Finisher
	4919-91	Apprentice Floor Coverer
	6101-11	Trading Floor Operator (Stock Exchange)
	6201-27	Sales Representative (Floor Coverings and Furniture)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
	8101-13	Wall and Floor Tiler's Assistant
FLORIST	4999-25	Florist
	4999-91	Apprentice Florist
FLOTATION	7399-11	Flotation Operator
FLOWER	1401-99	Commercial Flower Grower
FLUIDS	7303-11	Motormen/woman (Fluids Drilling)
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7309-11	Bulk Fluids Handler
FLYING	2505-21	Flying Instructor
FOAM	7407-17	Plastics Foam Machine Operator
FOLDING	7499-17	Folding Machine Operator
FOOD	1501-11	Take Away Food Outlet Manager
	2101-11	Food Technologist
	4799-01	Supervisor, Other Food Tradespersons
	4799-91	Apprentice, Other Food Trades
	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	6301-15	Sales Assistant (Food and Drink Products)
	6505-15	Food Steward/Stewardess
	7431-01	Supervisor, Food Processing Machine Operators
	7431-11	Food Processing Extruder Operator
	7431-27	Food Factory Cook
	7431-27	Food Processing Autoclave Operator
	7431-27	Food Processing Retort Operator

KEYWORD	CODE	TITLE
	7431-99	Food Processing Machine Operators nec
	7431-99	Food Size-grading Operator
	7431-99	Frozen Food Machine Operator
	7431-99	Pet Food Processing Machine Operator
	7433-99	Food Packaging Machine Operator
	8821-13	Hospital Food Serviceperson
FOOTWEAR	6201-37	Sales Representative (Textiles, Clothing and Footwear)
	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
FORCE	1201-11	Air Force ranks above and including Air Commodore
	1319-15	Commissioned Defence Force Officer (Management)
	2205-13	Air Photo Plotter (Air Force)
	3201-17	Communications Electronic Systems Technician (Air Force)
	3207-15	Photographic Interpreter (Air Force)
	3299-99	Aircraft Systems Technician (Air Force)
	3299-99	Avionics System Technician (Air Force)
FORCES	1319-15	Captain (Defence Forces)
	1319-91	Trainee Officer (Defence Forces)
	1503-11	Mess Supervisor (Defence Forces)
	3999-99	Signaller (Defence Forces)
FOREIGN	6101-99	Foreign Exchange Dealer
FOREMAN/WOMAN	3207-11	Building Foreman/woman
FOREST	2107-25	Forest Manager
	2107-25	Forest Scientist
	3103-27	Forest Assessor
	3999-99	Forest Ranger
	8203-01	Forest Overseer
FORESTER	2107-25	Forester
FORESTRY	2107-25	Forestry Adviser
	2107-25	Harvesting Manager (Forestry)
	3103-25	Forestry Technical Officer
	3103-27	Forestry Technician
	8203-01	Supervisor, Forestry Labourers
	8203-13	Forestry Worker
FORGER'S	8101-11	Metal Forger's Assistant
FORGING	4201-01	Supervisor, Forging Tradespersons
	4201-11	Forging Smith
	4201-91	Apprentice Forging Tradesperson
	7405-11	Forging Machine Operator
FORKLIFT	7203-11	Forklift Driver
FORMAL	6505-11	Formal Service Waiter/Waitress
FORME	7415-15	Carton Cutting and Crease Forms Setter
FORMS	3999-27	Forms Analyst
	3999-27	Forms Analyst and Designer
	3999-27	Forms Designer
FORMWORK	4401-11	Formwork Carpenter
	8403-11	Concrete Formwork Stripper
FORWARDER	7205-11	Forwarder Operator
FOURDRINIER	7415-11	Fourdrinier Machine Operator
FRAME	4905-13	Picture Frame Maker
FRAMER	4905-13	Picture Framers
	4905-91	Apprentice Picture Framers
FRAMERS	4905-01	Supervisor, Picture Framers
FREELANCE	2807-99	Freelance Journalist

F

KEYWORD	CODE	TITLE
FREIGHT	5503-11	Freight Clerk
	5503-11	Freight Traffic Controller
	8909-01	Supervisor, Freight and Furniture Handlers
	8909-11	Freight Handler (Road and Rail)
FRENCH	4905-19	French Polisher
FRIDAY	5101-11	Girl/Man Friday
FRONT-END	7201-19	Front-end Loader Operator
FROZEN	7431-99	Frozen Food Machine Operator
FRUIT	1401-31	Fruit and Nut Farm Manager
	1401-31	Fruit and Nut Grower
	7431-15	Fruit and Vegetable Juicer Operator
	7431-27	Fruit Conserve and Sauce Maker
	7431-99	Fruit and Vegetable Dehydrator
	7431-99	Fruit and Vegetable Peeling Machine Operator
	8105-13	Fruit and Vegetable Packer
	8109-11	Fruit and Vegetable Classifier
	8199-47	Fruit and Vegetable Factory Hand
	8201-13	Fruit, Vegetable and Nut Farm Hand
	8201-13	Fruit, Vegetable and Nut Picker
FUMIGATOR	8999-13	Fumigator
FUND	5303-11	Superannuation Fund Clerk
	6501-15	Fund Raiser
FUNERAL	6699-11	Funeral Director
	8999-21	Funeral Attendant
FUR	3999-37	Fur Grader
	4911-17	Fur Cutter
	4911-17	Fur Matcher
FURNACE	7315-01	Supervisor, Blast Furnace Operators
	7315-01	Supervisor, Furnace and Kiln Operators
	7315-11	Basic Oxygen Steelmaking Furnace Operator
	7315-11	Blast Furnace Operator
	7315-11	Metals Furnace Operator
	7315-11	Open Hearth Furnace Operator
	7315-11	Smelting Furnace Operator
	7315-13	Heat Treatment Furnace Operator
	7315-13	Soaking Pit Furnace Operator
	7417-01	Supervisor, Glass Furnace Operators
	7417-11	Glass Furnace Operator
	8199-11	Blast Furnace Helper
FURNISHER	3999-21	Fine Furnisher
FURNITURE	2805-15	Furniture Designer
	4903-11	Antique Furniture Reproducer
	4903-11	Antique Furniture Restorer
	4903-11	Custom Furniture Maker
	4905-01	Supervisor, Cane Furniture Makers
	4905-01	Supervisor, Furniture Finishers
	4905-17	Cane Furniture Maker
	4905-19	Furniture Finisher
	4905-19	Furniture Polisher
	4905-91	Apprentice Cane Furniture Maker
	4905-91	Apprentice Furniture Finisher
	4913-11	Furniture Upholsterer
	6201-27	Sales Representative (Floor Coverings and Furniture)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
	7105-15	Furniture Removalist-Driver
	8103-17	Furniture Assembler
	8199-15	Furniture Manufacturing Labourer
	8909-01	Supervisor, Freight and Furniture Handlers

KEYWORD	CODE	TITLE
	8909-13	Furniture Packer
	8909-17	Furniture Removalist's Assistant
FURRIER	4911-17	Furrier
FURRIERS	4911-01	Supervisor, Furriers
FUSE	7411-13	Fuse Maker
FUTURES	6101-99	Futures Dealer

G

KEYWORD	CODE	TITLE
GALLERY	3999-13	Museum and Art Gallery Technician
GALVANISER	8199-11	Continuous Plant Galvaniser
GANG	7413-13	Can Gang Sawyer
GANGER	8409-01	Road Ganger
	8413-01	Tramway Ganger
GARAGE	8101-99	Garage Assistant
GARBAGE	8905-01	Supervisor, Garbage Collectors
	8905-11	Garbage Collector
GARBOLOGIST	8905-11	Garbologist
GARDEN	8205-13	Garden Labourer
GARDENER	1401-33	Market Gardener
	4805-01	Head Gardener
	4805-11	Gardener (General)
	4805-13	Landscape Gardener
	4805-91	Apprentice Gardener
	4805-91	Apprentice Landscape Gardener
GARDENER'S	8205-13	Gardener's Assistant
GARDENERS	4805-01	Supervisor, Landscape Gardeners
GARDENING	6301-11	Sales Assistant (Hardware and Gardening Supplies)
GARMENT	4911-01	Supervisor, Garment Tradespersons
	4911-91	Apprentice Garment Tradesperson
	7425-17	Garment Dyer
	7427-11	Garment Finishing Operator
GAS	2215-13	Oil and Gas Drilling Engineer
	3905-13	Gas Examiner
	4205-19	Gas Welder-Cutter
	4409-01	Supervisor, Gas Fitters
	7305-11	Industrial Gas Production Operator
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7307-11	Gas Compressor Turbine Operator
	7307-11	Petroleum and Gas Refining and Pumping Operator
	7307-13	Oil and Gas Well Treatment Operator
	7307-15	Oil and Gas Production Testing Operator
	7307-15	Oil, Gas and Pipe Tester
	8199-23	Gas Plant Labourer
GAS-MAIN	4409-13	Gas-main and Line Fitter
GAS-SHIELDED	4205-19	Gas-shielded Arc Welding Operator
GASFITTER	4409-13	Gasfitter
	4409-13	Liquid Petroleum Gasfitter
	4409-91	Apprentice Gasfitter
GASTROENTEROLOGIST	2303-99	Gastroenterologist
GATEKEEPER	8901-15	Gatekeeper
GATHERER	8299-99	Kelp and Seagrass Gatherer
GEAR	4103-19	Gear Cutter
GELATO	7431-25	Gelato Maker
GEM	4923-11	Gem Setter
	4923-13	Gem Cutter and Polisher
GENERAL	1201-11	General Manager
	1501-11	General Storekeeper
	2301-11	General Medical Practitioner

KEYWORD	CODE	TITLE
	2503-13	TAFE Teacher (General Education)
	3401-11	Registered General Nurse
	4409-11	Plumber (General)
	4805-11	Gardener (General)
	8505-15	Waiter/Waitress (General)
	8199-29	General Hand (Printing)
	8199-29	Newspaper Press General Hand
GENERATION	7301-01	Supervisor, Power Generation Plant Operators
	7301-11	Power Generation Plant Operator
	7301-11	Power Generation Turbine Room Operator
GENETICIST	2107-99	Geneticist
GEOCHEMICAL	3103-17	Geochemical Technician
GEOCHEMIST	2103-11	Geochemist
GEODETIC	2205-13	Geodetic Surveyor
GEOGRAPHER	2907-13	Economic Geographer
	2907-13	Geographer
	2907-13	Physical Geographer
GEOLOGICAL	8411-11	Geological Survey Field Assistant
GEOLOGIST	2103-11	Chief Geologist
	2103-11	Geologist
GEOLOGY	3103-15	Geology Technical Officer
	3103-17	Geology Technician
GEOPHYSICAL	3103-15	Geophysical Technical Officer
GEOPHYSICIST	2103-13	Geophysicist
GEOPHYSICS	3103-17	Geophysics Technician
GERIATRIC	3401-99	Geriatric Care Nurse
GERIATRICIAN	2303-99	Geriatrician
GIFTED	2407-13	Teacher of Disabled or Gifted Students
GILL	7421-11	Gill Box Operator
GINNER	7421-13	Cotton Ginner
GINNING	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-13	Cotton Ginning Bookman/woman
GIRL/MAN	5101-11	Girl/Man Friday
GLASS	4921-01	Supervisor, Glass Tradespersons
	4921-11	Flat Glass Tradesperson
	4921-11	Glass Beveller
	4921-11	Glass Cutter
	4921-11	Glass Embosser
	4921-11	Glass Etcher
	4921-11	Glass Silverer
	4921-13	Glass Bender
	4921-13	Glass Blower
	4921-13	Glass Blowing Lathe Operator
	4921-91	Apprentice Flat Glass Tradesperson
	4921-93	Trainee Glass Blower
	7417-01	Supervisor, Glass Furnace Operators
	7417-01	Supervisor, Glass Production Machine Operators
	7417-11	Glass Furnace Operator
	7417-11	Glass Laminating Operator
	7417-11	Glass Maker
	7417-11	Glass Melt Operator
	7417-11	Glass Production Machine Operator
	7417-11	Glass Toughening Operator
	8199-31	Glass Mould Cleaner

G

KEYWORD	CODE	TITLE
GLASSWARE	8109-15 8199-31	Glassware Verifier Glassware Process Assistant
GLAZIER	4921-11	Glazier
GLIDING	2505-21	Gliding Instructor
GLOVE	7427-13	Glove Sewer
GOAT	1401-99	Goat Farmer
GOLDSMITH	4923-15	Goldsmith
GOLF	4803-01	Golf Course Superintendent
GOODS	4917-11 4917-13 4917-91 4917-91 6201-19 6201-31 6201-99 6301-17	Leather Goods Maker Canvas Goods Maker Apprentice Canvas Goods Maker Apprentice Leather Goods Maker Sales Representative (Toys and Sporting Goods) Sales Representative (Household Goods and Domestic Hardware) Sales Representative (Musical Goods) Sales Assistant (Furniture, Floor Coverings and Household Goods)
GOVERNESS	6601-99	Governess
GOVERNMENT	1101-11 1201-11 1301-11	Government Minister Head of Government Department Treasurer (except government)
GOVERNOR	1101-99	Governor
GOVERNOR-GENERAL	1101-99	Governor-General
GRADER	3999-37 3999-37 7201-27 7413-99 8109-11 8109-11 8109-11 8109-11	Fur Grader Leather Grader Grader Operator Machine Stress Grader Operator Mest Grader Milk and Cream Grader Product Grader Timber Grader
GRAIN	1401-11 1401-11 3913-13 7309-11 7431-11 8999-99	Grain, Oilseed and Pasture Farm Manager Grain, Oilseed and Pasture Grower Grain Buyer Grain Handler Grain and Cereal Processing Machine Operator Grain Binsman/woman
GRANULATOR	7411-11	Granulator Machine Operator
GRAPHIC	2805-13 4503-01 4503-91	Graphic Designer Supervisor, Graphic Reproduction Tradespersons Apprentice Graphic Reproduction Tradesperson
GRAVE	8407-11	Grave Digger
GRAVITY	3103-17	Gravity Prospecting Observer
GRAVURE	4503-11 4505-15	Gravure Plate Preparer Flexographic or Gravure Printing Machinist
GRAZIER	1401-17	Cattle Grazier
GREASE	7307-11	Grease Manufacturing Plant Operator
GREASER	7201-91 7303-13	Shovel Greaser Marine Greaser
GREENGROCERY	1501-11	Greengrocery Manager
GREENKEEPER	4803-01	Head Greenkeeper

KEYWORD	CODE	TITLE
	4803-11	Greenkeeper
	4803-91	Apprentice Greenkeeper
GRINDER	4503-13	Depositor and Grinder
	7405-11	Metal Dresser and Grinder
	7409-99	Rubber Roller Grinder Operator
GRIP	8999-99	Grip
GROCERY	8105-99	Grocery Packer
GROOM	8201-11	Horse Groom
	8999-11	Animal Groom (except Horse)
GROUND	2505-23	Ground School Instructor
	4211-11	Aircraft Ground Engineer (Engines)
	4211-13	Aircraft Ground Engineer (Airframes)
	4211-15	Aircraft Ground Engineer (Electrical)
	4211-17	Aircraft Ground Engineer (Radio)
	4211-19	Aircraft Ground Engineer (Instruments)
	4211-91	Apprentice Aircraft Ground Engineer
GROUNDSMAN/WOMAN	4803-01	Head Groundsman/woman
	4803-11	Groundsman/woman
GROUP	1319-15	Group Captain
	6601-19	Child Care Group Worker
GROWER	1401-11	Grain, Oilseed and Pasture Grower
	1401-13	Sugar Cane Grower
	1401-15	Tobacco Grower
	1401-21	Wool Grower
	1401-31	Fruit and Nut Grower
	1401-33	Vegetable Grower
	1401-99	Commercial Flower Grower
	1401-99	Cotton Grower
GROWER'S	8201-99	Oyster Grower's Assistant
GUARD	7499-19	Airfield Defence Guard
	8911-11	Railway Security Guard
	8911-13	Security Guard
	8911-15	Railway Guard
GUARDS	8911-01	Supervisor, Guards and Security Officers
GUIDANCE	2903-13	Educational Guidance Officer
GUIDE	6699-13	Tourist Guide
GUILLOTINE	4203-17	Guillotine Operator (Metal)
	4507-11	Paper Guillotine Operator (Bookbinding)
	7413-19	Veneer Guillotine Operator
GUN	7407-23	Gun Hand (Plastics)
	7499-19	Gun Number
GUNNER	7499-19	Quartermaster Gunner
GUNSMITH	4213-19	Gunsmith
GYNAECOLOGIST	2303-15	Obstetrician and Gynaecologist

H

KEYWORD	CODE	TITLE
HAEMATOLOGIST	2303-37	Haematologist
HAEMATOLOGY	3101-13	Haematology Technician
HAIR	6699-15	Hair Remover
HAIRDRESSER	4927-11 4927-91	Hairdresser Apprentice Hairdresser
HAIRDRESSERS	4927-01	Supervisor, Hairdressers
HAIRDRESSING	1599-11	Hairdressing Establishment Managing Supervisor
HAMMERSMITH	4201-11	Hammersmith
HAND	4911-13 7407-21 7407-23 7429-11 7499-23 8199-11 8199-15 8199-15 8199-15 8199-15 8199-15 8199-17 8199-21 8199-23 8199-23 8199-25 8199-25 8199-25 8199-27 8199-27 8199-27 8199-29 8199-29 8199-41 8199-41 8199-41 8199-43 8199-47 8201-11 8201-11 8201-11 8201-11 8201-13 8201-15 8201-99 8205-11 8403-11 8411-11 8415-11 8415-11 8907-11 8907-11 8925-11 8925-11 8925-11 8999-99	Apparel Sample Hand Powder Hand (Plastics) Gun Hand (Plastics) Shoemaking Table Hand Printing Table Hand Metal Processing and Finishing Factory Hand Hardboard Factory Hand Joinery Factory Hand Particleboard Factory Hand Plywood Factory Hand Wood and Wood Products Factory Hand Pulp, Papermaking and Paper Products Factory Hand Clay Processing Factory Hand Munitions Factory Hand Paint Factory Hand Hand Laminator Lay-up Hand Mould Hand (Plastics) Rubber and Plastics Factory Hand Fellmongery Hand Flesher Hand Tannery Hand General Hand (Printing) Newspaper Press General Hand Baking Factory Hand Biscuit Factory Hand Bread Room Hand Dairy Factory Hand Fruit and Vegetable Factory Hand Livestock and Field Crop Farm Hand Stable Hand Station Hand Stud Hand Fruit, Vegetable and Nut Farm Hand Shearing Shed Hand Poultry Farm Hand Nursery Hand (Horticulture) Concrete Extra Hand Survey Hand Cable Hand Mine Ventilation Hand Chiller Hand Stores Despatch Hand Barge Hand Ferry Hand Tug Hand Studio Hand
HANDICAPPER	3915-17	Handicapper (Racing)
HANDICRAFTS	2505-99	Handicrafts Teacher (Private)
HANDLER	7299-99 7309-11 7309-11	Military Aircraft Handler Bulk Fluids Handler Grain Handler

KEYWORD	CODE	TITLE
	8199-21	Brick Handler
	8909-11	Freight Handler (Road and Rail)
HANDLERS	8909-01	Supervisor, Freight and Furniture Handlers
HANDLING	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-11	Bulk Materials Handling Plant Operator
HANDS	8199-01	Supervisor, Other Trades Assistants and Factory Hands
	8201-01	Supervisor, Farm Hands and Assistants
HANDYMAN/WOMAN	8999-19	Handyman/woman
HANSARD	5101-15	Court and Hansard Reporter
HARDBOARD	7399-17	Hardboard Plant Operator
	7399-17	Hardboard Press Operator
	8199-15	Hardboard Factory Hand
HARDENER	7315-13	Case Hardener
	7315-13	Hardener
HARDWARE	1501-11	Hardware Store Manager
	6201-25	Sales Representative (Builders' Hardware)
	6201-31	Sales Representative (Household Goods and Domestic Hardware)
	6301-11	Sales Assistant (Hardware and Gardening Supplies)
HARDWOOD	8203-11	Hardwood Faller
HARVESTER	7209-11	Harvester Operator
HARVESTING	2107-25	Harvesting Manager (Forestry)
HAT	4911-21	Hat Maker
HATCHERY	1401-25	Hatchery Manager
	8201-99	Hatchery Assistant
HAUL	7105-13	Haul Truck Driver
HAULER	7105-13	Log Hauler
HEAD	1101-99	Head of Diplomatic Mission
	1201-11	Head of Government Department
	1313-11	Section Head (Public Service)
	1317-99	Faculty Head
	2503-01	Head of Department (TAFE)
	2503-01	Head of School (TAFE)
	2503-01	Head Teacher (TAFE)
	4803-01	Head Greenkeeper
	4803-01	Head Groundsman/woman
	4805-01	Head Gardener
	6505-01	Head Waiter/Waitress
	7413-11	Head Sawyer
	8903-01	Head Porter
HEADMASTER/MISTRESS	1317-11	Headmaster/mistress
HEALTH	1309-11	Occupational Health and Safety Manager
	2799-11	Health Data Administrator
	3401-13	Maternal and Child Health Nurse
	3401-13	Occupational Health Nurse
	3401-13	Registered Community Health Nurse
	3905-21	Health Inspector
	3905-21	Health Surveyor
	3905-29	Claims Assessor (except Health)
	3905-29	Insurance Assessor (except Health)
	5303-11	Health Insurance Assessor
HEARING	2407-13	Teacher of the Hearing Impaired
HEARTH	7315-11	Open Hearth Furnace Operator

H

KEYWORD	CODE	TITLE
HEAT	3299-11	Heat Metal Technician
	7315-13	Heat Treatment Furnace Operator
HEATING	3205-11	Heating and Ventilating Technical Officer
HEAVY	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4303-11	Heavy Coil Winder
	7105-13	Heavy Truck Driver
HEEL	7429-11	Heel Builder
HELICOPTER	3301-11	Helicopter Pilot
	3303-25	Helicopter Observer (Rescue)
HELPER	6607-11	Home Helper
	8199-11	Blast Furnace Helper
HELPERS	8921-01	Supervisor, Ward Helpers
HEMSTITCHING	7427-13	Hemstitching Machine Operator
HERBALIST	2399-99	Herbalist
HIDE	3913-13	Hide and Skin Buyer
	3999-37	Hide and Skin Clesser
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7423-11	Hide and Skin Flashing Machine Operator
	7423-11	Hide and Skin Processing Machine Operator
	8199-27	Hide and Skin Processing Labourer
HIGH	1101-99	High Commissioner
	1103-13	Justice of the High Court
	2999-99	Clerk of High Court
HIRE	7103-11	Hire Car Driver
HISTOLOGIST	2107-11	Histologist
HISTOPATHOLOGIST	2303-37	Histopathologist
HISTOPATHOLOGY	3101-13	Histopathology Technician
HISTORIAN	2907-15	Economic Historian
	2907-15	Historian
HOE	7209-13	Rotary Hoe Operator
HOGGER	7413-99	Hogger Operator
HOIST	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7313-11	Hoist, Winch and Lift Operator
HOLE	7317-11	Long Hole Drill Operator
HOME	6607-11	Home Companion
	6607-11	Home Helper
	8401-13	Home Improvements Installer
HOME-SCHOOL	2905-13	Home-School Liaison Officer
HOMEOPATH	2399-99	Homeopath
HORSE	1401-27	Horse Breeder
	1401-27	Horse Stud Farmer
	1401-27	Horse Stud Manager
	3915-17	Horse Racing Judge
	4931-11	Horse Breaker
	4931-99	Horse Trainer
	8201-11	Horse Groom
	8999-11	Animal Groom (except Horse)
HORTICULTURAL	2107-19	Horticultural Scientist
	3103-27	Horticultural Technician

KEYWORD	CODE	TITLE
	3103-29	Horticultural Technical Officer
	3905-15	Horticultural Inspector
HORTICULTURE	7208-13	Amenity Horticulture Machine Operator
	8205-11	Nursery Assistant (Horticulture)
	8205-11	Nursery Hand (Horticulture)
HORTICULTURIST	4805-13	Landscape Horticulturist
HOSPITAL	1201-11	Hospital Administrator
	2307-11	Hospital Pharmacist
	5801-15	Hospital Admitting Clerk
	5601-15	Hospital Ward Clerk
	8301-15	Hospital Cleaner
	8921-11	Hospital Orderly
	8921-11	Hospital Porter
	8921-13	Hospital Food Serviceperson
HOST/HOSTESS	6505-01	Dining Room Host/Hostess
HOSTEL	1505-99	Hostel Manager
	6601-17	Hostel Parent
HOTEL	8903-01	Hotel Concierge
	8903-11	Hotel Page
	8999-19	Hotel Useful
	8999-19	Hotel Yardman/woman
HOTEL/MOTEL	1505-11	Hotel/Motel Manager
HOTELIER	1505-11	Hotelier
HOUSE	1505-99	Boarding House Manager
	6601-17	House Parent
HOUSEHOLD	6201-31	Sales Representative (Household Goods and Domestic Hardware)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
HOUSEKEEPER	8915-11	Accommodation and Lodging Housekeeper
	8915-11	Executive Housekeeper
	8915-13	Domestic Housekeeper
HOUSEMAN/MAID	8301-13	Houseman/maid
HOUSING	2603-99	Housing Counsellor
HOVERCRAFT	3305-11	Hovercraft Operator
HUNTER	8299-11	Hunter
HYDRAULIC	3205-13	Hydraulic Controls Technician
	7201-29	Hydraulic Rock Breaker Operator
	7399-11	Surface Hydraulic Fill Operator
HYDRO-ELECTRIC	7301-11	Hydro-electric Station Operator
HYDROFOIL	3305-11	Hydrofoil Operator
HYDROGRAPHER	3103-17	Hydrographer
HYDROGRAPHIC	2205-13	Hydrographic Surveyor
HYDROLOGICAL	3103-17	Hydrological Technician
HYDROLOGIST	2103-13	Hydrologist
HYDROMETALLURGICAL	2217-11	Hydrometallurgical Engineer
HYDROMETEOROLOGIST	2199-15	Hydrometeorologist
HYDROPONICS	3103-27	Hydroponics Technician
HYGIENE	3905-21	Industrial Hygiene Inspector
HYGIENIST	2899-99	Occupational Hygienist

H

KEYWORD	CODE	TITLE
	3101-15	Dental Hygienist
HYPNOTIST	2817-13	Hypnotist

KEYWORD	CODE	TITLE
ICE	7431-25	Ice Confection Maker
ICE-CREAM	7431-25	Ice-Cream Maker
ILLUSTRATOR	2805-19	Illustrator
IMAGE	4503-15	Image Preparer (Printing)
IMMUNOLOGIST	2303-37	Immunologist
IMPAIRED	2407-13	Teacher of the Hearing Impaired
	2407-13	Teacher of the Visually Impaired
IMPERSONATOR	2817-13	Impersonator
IMPORT-EXPORT	1601-11	Import-Export Business Manager
	5503-13	Import-Export Clerk
IMPORTER-EXPORTER	1601-11	Importer-Exporter
IMPROVEMENTS	8401-13	Home Improvements Installer
INCINERATOR	7315-17	Incinerator Plant Operator
INDUSTRIAL	1103-19	Industrial Tribunal Member
	1309-11	Personnel and Industrial Relations Manager
	2217-13	Industrial Metallurgist
	2219-17	Industrial Engineer
	2303-99	Industrial Medicine Specialist
	2307-13	Industrial Pharmacist
	2799-13	Industrial Officer
	2799-13	Industrial Relations Officer
	2805-15	Industrial Designer
	2903-15	Industrial Psychologist
	2999-99	Industrial Registrar
	3905-21	Industrial Hygiene Inspector
	3905-23	Industrial Inspector
	4405-11	Industrial Painter (Structures)
	7305-11	Industrial Gas Production Operator
	8107-11	Industrial Spray Painter
	8301-11	Industrial Cleaner
INFANT	2403-11	Infant School Teacher
	3401-13	Infant Welfare Nurse
INFANT-PRIMARY	2403-01	Senior Teacher, Infant-Primary School
INFANTRYMAN	7499-19	Infantryman
INFECTIOUS	2303-41	Infectious Diseases Specialist
INFORMATION	1311-11	Information Systems Manager
	2703-11	Information Officer (Public Relations)
	5601-13	Information Desk Clerk
INJECTION	7407-15	Injection Moulding Machine Operator
INJURIES	2303-39	Spinal Injuries Rehabilitation Specialist
	3401-99	Spinal Injuries Nurse
INKER	7429-11	Inker Machine Operator (Shoemaking)
INQUIRY	3999-99	Inquiry Agent
	5601-13	Inquiry Clerk
	5601-13	Inquiry Officer
INSECT	2107-23	Insect Pathologist
INSEMINATION	3103-31	Artificial Insemination Technician
INSPECTOR	2905-13	School Inspector
	3303-21	Flight Engineer Inspector
	3905-11	Building Inspector
	3905-11	Electrical Installation Inspector
	3905-11	Plumbing and Drainage Inspector

KEYWORD	CODE	TITLE
	3905-13	Boilers and Pressure Vessels Inspector
	3905-13	Lifts and Cranes Inspector
	3905-13	Mines Inspector
	3905-13	Safety Inspector
	3905-15	Dairy Produce Inspector
	3905-15	Fish Exports Inspector
	3905-15	Horticultural Inspector
	3905-15	Meat Inspector
	3905-15	Primary Products Inspector
	3905-15	Quarantine Inspector
	3905-15	Sugar Cane Inspector
	3905-17	Locomotive Inspector
	3905-21	Health Inspector
	3905-21	Industrial Hygiene Inspector
	3905-21	Water Quality Inspector
	3905-23	Arbitration Inspector
	3905-23	Industrial Inspector
	3905-25	Boring Inspector
	3905-25	Water Usage Inspector
	3905-31	Bus Inspector
	3905-31	Traffic Inspector
	3905-31	Tram Inspector
	3905-99	Fisheries and Wildlife Inspector
	3905-99	Liquor Licensing Inspector
	3905-99	Pest Control Inspector
	3905-99	Pipeline Inspector
	3905-99	Travel Accommodation Inspector
	3905-99	Vermin and Noxious Weeds Inspector
	3905-99	Weights and Measures Inspector
	5999-99	Parking Inspector
	8109-13	Equipment Assembly Inspector
	8109-13	Quality Control Inspector
	8109-13	Vehicle Assembly Inspector
INSPECTORS	3905-01	Supervisor, Inspectors and Regulatory Officers
INSTALLATION	3905-11	Electrical Installation Inspector
INSTALLER	4311-99	Alarms Installer
	4409-15	Septic Tank Installer
	8401-11	Building Insulation Installer
	8401-13	Awnings Installer
	8401-13	Exterior Cladding Installer
	8401-13	Home Improvements Installer
	8401-13	Security Door Installer
	8401-13	Shower Screen Installer
INSTITUTION	1507-11	Financial Institution Branch Manager
	5301-17	Branch Accountant (Financial Institution)
INSTRUCTOR	2505-19	Driving Instructor
	2505-21	Flying Instructor
	2505-21	Gliding Instructor
	2505-23	Ground School Instructor
	2505-99	Aerobics Instructor
	2505-99	Fitness Instructor
	2505-99	Physical Fitness Instructor
	2505-99	Sports Instructor
INSTRUMENT	2219-99	Military Instrument Engineer
	3201-13	Electrical Instrument Technician
	4213-11	Instrument Fitter
	4213-11	Precision Instrument Maker and Repairer
	4213-11	Scientific Instrument Maker and Repairer
	4303-11	Electrical Instrument Fitter
	4399-99	Electronic Instrument and Control Tradesperson
	4399-99	Electronic Instrument Tradesperson (Complex Systems)
	4925-01	Supervisor, Musical Instrument Makers and Repairers

KEYWORD	CODE	TITLE
	4925-91	Apprentice Musical Instrument Maker and Repairer
	4925-99	Musical Instrument Maker
	4925-99	Stringed Instrument Repairer
INSTRUMENTAL	2815-17	Instrumental Musician
INSTRUMENTALIST	2815-17	Instrumentalist
INSTRUMENTATION	3103-11	Chemical Instrumentation Technical Officer
	4399-99	Apprentice Electronic Instrumentation Tradesperson
INSTRUMENTS	3303-19	Airworthiness Surveyor (Electrical and Instruments)
	4211-19	Aircraft Ground Engineer (Instruments)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Aircraft Mechanic (Instruments)
	4211-19	Examiner of Aircraft Instruments
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
INSULATION	7399-25	Insulation Cupola Operator
	7399-25	Insulation Maker
	8401-11	Building Insulation Installer
INSURANCE	3905-29	Insurance Assessor (except Health)
	5303-01	Supervisor, Insurance and Broking Clerks
	5303-11	Health Insurance Assessor
	5303-11	Insurance Clerk
	6103-01	Supervisor, Insurance Brokers and Agents
	6103-11	Insurance Agent
	6103-11	Insurance Underwriter
	6103-13	Insurance Broker
INTEGRATION	2407-11	Integration Teacher
INTELLECTUALLY	2407-13	Teacher of the Intellectually Disabled
INTELLIGENCE	2999-23	Intelligence Officer
INTENSIVE	3401-99	Intensive Care Nurse
INTERIOR	2805-17	Interior Designer
	3999-21	Interior Decorator
INTERNATIONAL	2901-11	International Trade Economist
INTERPRETER	2999-19	Interpreter
	3207-15	Photographic Interpreter (Air Force)
	6301-25	Automotive Parts Interpreter
INTERVIEWER	5999-19	Market Research Interviewer
	5999-19	Survey Interviewer
INVENTORY	5505-11	Inventory Clerk
INVERFORM	7415-11	Inverform Machine Operator
INVESTIGATOR	3905-19	Customs Investigator
INVESTMENT	5301-13	Investment Accounting Clerk
	6101-11	Investment Dealer
	6101-99	Investment Adviser
	6101-99	Properties Investment Manager
INVOICE	5301-13	Invoice Clerk
IRON	7401-13	Teemer (Iron and Steel)
	8109-15	Iron Pellet Tester
IRRIGATION	7399-29	Irrigation Supervisor

J

KEYWORD	CODE	TITLE
JACKAROO	1401-91	Jackaroo
JANITOR	8913-11	Janitor
JEWELLER	4923-11	Jeweller
	4923-91	Apprentice Jeweller
JEWELLERY	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
	6201-99	Sales Representative (Jewellery and Watches)
	6301-99	Sales Assistant (Watches and Jewellery)
	8103-15	Jewellery Assembler
	8103-15	Jewellery Benchworker
JIG	4901-11	Jig Maker (Wood)
JIGMAKER	4101-11	Jigsawmaker (Metal)
JILLAROO	1401-91	Jillaroo
JOCKEY	2819-11	Disc Jockey
	3915-13	Jockey
	3915-91	Apprentice Jockey
JOINER	4401-13	Joiner
	4401-91	Apprentice Carpenter and Joiner
	4401-91	Apprentice Joiner
JOINERS	4401-01	Supervisor, Carpenters and Joiners
JOINERY	4401-13	Joinery Patternmaker
	4401-13	Joinery Setter-out
	8103-17	Joinery Assembler
	8199-15	Joinery Factory Hand
JOINTER	4301-13	Electrical Cable Joiner
	4311-15	Telecommunications Cable Joiner
	4409-11	Pipe Joiner
JOINTER'S	8101-15	Cable Joiner's Assistant
JOURNALIST	2807-13	Radio Journalist
	2807-91	Cadet Journalist
	2807-99	Freelance Journalist
JUDGE	1103-13	Judge
	3915-17	Horse Racing Judge
JUDGE'S	2605-99	Judge's Associate
JUGGLER	2817-13	Juggler
JUICER	7431-15	Fruit and Vegetable Juicer Operator
JUMBO	7317-11	Jumbo Drill Operator
JUNIOR	2403-11	Junior Primary School Teacher
JUSTICE	1103-13	Justice of the High Court

KEYWORD	CODE	TITLE
KEEPER	7399-99	Lighthouse Keeper
KELP	8299-99	Kelp and Seagrass Gatherer
KENNELMAN/MAID	8999-11	Kennelman/maid
KETTLEMAN/WOMAN	7315-11	Kettleman/woman
KEY	7405-11	Key Cutter
KEYBOARD	5201-13	Keyboard Operator-Assembler
KILN	7315-01	Supervisor, Furnace and Kiln Operators
	7315-15	Clay Products Kiln Operator
	7315-15	Kiln Operator
	7315-15	Timber Kiln Operator
	8199-21	Kiln Labourer
KINDERGARTEN	2401-11	Kindergarten Director
	2401-11	Kindergarten Teacher
	6601-11	Kindergarten Assistant
KITCHENHAND	8919-11	Kitchenhand
KNIFE	7405-11	Knife Sharpener
KNITTING	7409-99	Rubber Knitting Machine Operator
	7425-15	Textile Knitting Machine Operator
KNOCKERDOWN	8199-33	Knockerdown (Abattoir)

L

KEYWORD	CODE	TITLE
LABELLER	7433-99	Machine Labeller
LABORATORY	2109-11	Clinical Laboratory Scientist
	2109-11	Medical Laboratory Scientist
	3101-11	Medical Laboratory Technical Officer
	3101-13	Medical Laboratory Technician
	7435-11	Photographic Laboratory Assistant
LABOUR	2901-11	Labour Economist
LABOURER	8199-11	Metal Processing and Finishing Labourer
	8199-13	Sawmill Labourer
	8199-15	Furniture Manufacturing Labourer
	8199-15	Wood and Wood Products Labourer
	8199-17	Pulp, Papermaking and Paper Products Labourer
	8199-19	Cement and Concrete Plant Labourer
	8199-21	Clay Processing Labourer
	8199-21	Kiln Labourer
	8199-23	Chemical Plant Labourer
	8199-23	Gas Plant Labourer
	8199-25	Rubber and Plastics Products Labourer
	8199-27	Hide and Skin Processing Labourer
	8199-33	Meatworks Labourer
	8199-99	Brushmaking Labourer
	8205-13	Garden Labourer
	8407-11	Earthmoving Labourer
	8409-11	Paving and Surfacing Labourer
	8413-11	Railway Labourer
	8413-11	Tramway Labourer
	8415-11	Mining Labourer
	8415-11	Quarry Labourer
	8415-15	Mineral Ore Processing Labourer
	8415-15	Tailings Dam Labourer
	8499-17	Builder's Labourer
	8499-17	Building Construction Labourer
	8909-15	Wharf Labourer
LABOURERS	8203-01	Supervisor, Forestry Labourers
	8203-03	Supervisor, Logging Labourers
	8409-01	Supervisor, Paving and Surfacing Labourers
	8413-01	Supervisor, Railway Labourers
LADLE	7401-13	Casting Machine and Ladle Operator
LADLEMAN/WOMAN	7401-13	Ladleman/woman (Metals)
LADY/MAN	8919-11	Tea Lady/Man
LAGGER	8499-11	Logger
LAMINATING	7413-23	Wood Laminating Press Operator
	7417-11	Glass Laminating Operator
LAMINATOR	7413-23	Particleboard Laminator Operator
	8199-25	Hand Laminator
LAMPMAN/WOMAN	8999-17	Lampman/woman
LAMPROOM	8999-17	Lamproom Attendant
LAND	2199-11	Land Degradation Analyst
LANDING	8203-15	Landing Operator (Logging)
LANDSCAPE	2201-13	Landscape Architect
	4805-01	Supervisor, Landscape Gardeners
	4805-13	Landscape Gardener
	4805-13	Landscape Horticulturist
	4805-91	Apprentice Landscape Gardener
LANGUAGE	2407-99	Teacher of English as a Second Language
LAPIDARY	3103-17	Lapidary Technician

KEYWORD	CODE	TITLE
	4923-13	Lapidary
LASER	2801-99	Laser Artist
LASTER	4915-11	Laster
LATHE	4901-11	Copy Lathe Operator
	4901-13	Wood Turning Lathe Operator
	4921-13	Glass Blowing Lathe Operator
	7413-19	Veneer Lathe and Slicer Operator
LAUNDROMAT	8917-11	Laundromat Attendant
LAUNDRY	1601-99	Laundry Manager
	7499-17	Laundry Machine Operator
	8917-01	Supervisor, Laundry Workers
	8917-11	Laundry Worker
	8917-11	Laundry Assistant
LAW	5907-13	Law Clerk
LAWN	8205-13	Lawn Mower
LAWN MOWER	4601-13	Lawnmower Mechanic
LAY-UP	8199-25	Lay-up Hand
LAYER	4413-11	Terrazzo Floor Layer
	4919-11	Carpet Layer
	7413-21	Plywood Centre Layer
	8403-11	Concrete Slab Layer
LAYERS	4919-01	Supervisor, Carpet Layers
LAYOUT	3999-17	Layout Artist
LEAD BURNER	4409-13	Leadburner
	4409-91	Apprentice Leadburner
LEADER	2807-99	Leader Writer
	2815-11	Band Leader
	3901-17	Youth Leader
	6699-13	Tour Leader
LEADLIGHTER	4925-99	Leadlighter
LEASING	6105-13	Leasing Agent
LEATHER	3999-37	Leather Grader
	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4917-11	Leather Goods Maker
	4917-91	Apprentice Leather Goods Maker
	4917-91	Apprentice, Other Leather and Canvas Trades
	7423-11	Leather Drying Operator
	7423-11	Leather Finishing Machine Operator
	7423-11	Leather Measuring Operator
	7423-11	Leather Printing Operator
	7423-11	Leather Splitting and Shaving Machine Operator
LECTURER	2501-11	University or CAE Lecturer
LEDGER	5203-11	Ledger Machinist
LEGAL	2605-99	Corporate Legal Officer
	5101-11	Legal Secretary
	5907-13	Legal Clerk
LENS	4999-13	Ophthalmic Lens Surfer and Fitter
LETTERPRESS	4503-11	Letterpress Plate Maker
	4505-11	Letterpress Printing Machinist
LEVERMAN/WOMAN	7413-99	Leverman/woman
LIAISON	2905-13	Home-School Liaison Officer

L

KEYWORD	CODE	TITLE
LIBRARIAN	2799-11	Medical Record Librarian
	2911-11	Librarian
	5401-11	Computer Tape Librarian
LIBRARY	1399-99	Library Manager
	3999-15	Library Technician
	5401-01	Supervisor, Library and Filing Clerks
	5401-11	Library Assistant
	5401-11	Library Attendant
LIBRETTIST	2809-11	Librettist
LICENSED	1599-99	Licensed Club Manager
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
LICENSING	3905-99	Liquor Licensing Inspector
LIEUTENANT	1319-15	Flight Lieutenant
	1319-15	Lieutenant (Navy)
LIFE	3103-25	Life Science Technical Officer
	3103-27	Life Science Technician
	6103-11	Life Assurance Representative
LIFEGUARD	8911-99	Lifeguard
LIFT	4399-01	Supervisor, Lift Mechanics
	4399-11	Lift Electrician
	4399-11	Lift Mechanic
	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7313-11	Hoist, Winch and Lift Operator
LIFTS	3905-13	Lifts and Cranes Inspector
LIGHT	3903-19	Light Technician
	8103-13	Light Coil Winder
LIGHTHOUSE	7399-99	Lighthouse Keeper
LIGHTING	3299-99	Lighting Design Drafting Officer
	3903-01	Lighting Supervisor
LINE	4211-11	Line Maintenance Aircraft Engineer (Engines)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)
	4311-01	Telecommunications Line Supervisor
	4311-15	Telecommunications Line Serviceman/woman
	4311-91	Telecommunications Line Serviceman/woman-in-Training
	4409-13	Gas-main and Line Fitter
	8199-11	Tinning Line Assistant
LINEMAN/WOMAN	4311-15	Radio Lineman/woman
	4311-15	Telecommunications Lineman/woman
	4311-91	Trainee Telecommunications Lineman/woman
LINEMAN/WOMAN-IN- TRAINING	4311-91	Telecommunications Lineman/woman-in-Training
LINEMAN/WOMAN'S	8101-15	Telecommunications Lineman/woman's Assistant
LINEMARKER	7299-99	Road Linemarker
LINEN	8917-11	Linen Sorter
LINER-OFF	4907-11	Metal Liner-off
LINESMAN/WOMAN	3915-19	Linesman/woman (Sport)
	4301-11	Electrical Linesman/woman
	4301-91	Trainee Electrical Linesman/woman
LINESMAN/WOMAN'S	8101-15	Electrical Power Linesman/woman's Assistant
LINGUIST	2907-99	Linguist

KEYWORD	CODE	TITLE
LINING	7419-99	Brake Lining Maker
LIQUID	4409-13	Liquid Petroleum Gasfitter
LIQUIDATOR	2701-11	Liquidator
LIQUIDS	7433-11	Liquids Filler
LIQUOR	3905-99	Liquor Licensing Inspector
LITHOGRAPHIC	4503-11	Lithographic Plate Preparer
	4505-13	Lithographic Printing Machinist
LIVESTOCK	3913-13	Livestock Buyer
	8201-11	Livestock and Field Crop Farm Hand
LOAD	5503-11	Aircraft Load Controller
LOADER	7201-19	Front-end Loader Operator
	7201-19	Loader Operator (Earthmoving)
	7309-11	Train Loader Operator
LOADING	5503-11	Container Loading Clerk
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
LOADMASTER	3303-27	Loadmaster
LOADOUT	8415-15	Screen and Loadout Attendant
LOANS	3999-29	Credit and Loans Analyst
	5301-19	Loans Clerk
	5301-19	Loans Officer
LOCK	7399-29	Lock Master (Water Transport)
LOCKSMITH	4213-15	Locksmith
	4213-91	Apprentice Locksmith
LOCOMOTIVE	3905-17	Locomotive Inspector
	7107-01	Supervisor, Locomotive Drivers
	7107-11	Locomotive Driver
	7107-11	Locomotive Engineman/woman
	7107-11	Underground Locomotive Driver
	7107-91	Assistant Locomotive Driver
	7107-91	Locomotive Observer
	7107-91	Trainee Locomotive Driver
LODGING	8915-11	Accommodation and Lodging Housekeeper
LOFTSMAN/WOMAN	4907-11	Loftsmen/woman (Marine)
LOG	7105-13	Log Hauler
	7413-15	Log Preparer
	8203-15	Log Chaser
LOGGER	2103-11	Mud Logger
LOGGING	7205-11	Logging Plant Operator
	8203-03	Supervisor, Logging Labourers
	8203-15	Landing Operator (Logging)
	8203-15	Logging Worker
LONG	7317-11	Long Hole Drill Operator
LONGWALL	7201-23	Longwall Miner Operator
LOOK-OUT	8203-13	Fire Look-out
LOOM	4103-15	Loom Tuner
	7425-99	Needle Loom Operator
LOSS	3905-29	Loss Adjuster
LUBRITORIUM	8101-99	Lubritorium Attendant
LUGGAGE	8903-01	Supervisor, Luggage Porters
	8903-11	Luggage Porter

M

KEYWORD	CODE	TITLE
MACHINE	3903-11	Dubbing Machine Operator
	4103-11	Sewing Machine Mechanic
	4103-13	Machine Setter (Metal)
	4103-19	Machine Tool Operator (Metal)
	4103-91	Apprentice Sewing Machine Mechanic
	4203-17	Metal Bending Machine Operator
	4203-17	Sheetmetal Rolling Machine Operator
	4399-13	Amusement Machine Mechanic
	4399-13	Poker Machine Servicer
	4399-13	Vending Machine Servicer
	4901-11	Woodworking Machine Setter
	5201-01	Supervisor, Data Processing Machine Operators
	5201-99	Cryptographic Machine Operator
	5203-01	Supervisor, Bookkeeping Machine Operators
	5203-01	Supervisor, Business Machine Operators
	5203-11	Business Machine Operator
	7201-17	Trench-digging Machine Operator
	7201-23	Continuous Mining Machine Operator
	7201-23	Development Machine Miner
	7209-11	Cotton Picking Machine Operator
	7209-13	Amenity Horticulture Machine Operator
	7299-11	Railway Track Repair Machine Operator
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7401-11	Machine Moulder
	7401-13	Casting Machine and Ladle Operator
	7401-15	Wire Drawing Machine Operator
	7405-11	Forging Machine Operator
	7405-11	Other Metal Products Machine Operators
	7405-11	Springmaking Machine Operator
	7407-01	Supervisor, Plastics Production Machine Operators
	7407-11	Cellular Plastics Machine Setter
	7407-11	Plastics Extruding Machine Setter
	7407-11	Plastics Moulding Machine Setter
	7407-11	Plastics Production Machine Setter
	7407-11	Thermoforming Machine Setter
	7407-13	Plastics Extruding Machine Operator
	7407-15	Blow Moulding Machine Operator
	7407-15	Compression Moulding Machine Operator
	7407-15	Injection Moulding Machine Operator
	7407-15	Plastics Moulding Machine Operator
	7407-15	Rotational Moulding Machine Operator
	7407-15	Thermoforming Machine Operator
	7407-17	Cellular Plastics Machine Operator
	7407-17	Plastics Foam Machine Operator
	7407-21	Plastics Blending Machine Operator
	7409-01	Supervisor, Rubber Production Machine Operators
	7409-11	Tyre Production Machine Operator
	7409-99	Rubber Knitting Machine Operator
	7411-01	Supervisor, Chemical Production Machine Operators
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7411-11	Granulator Machine Operator
	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
	7411-11	Tablet Making Machine Operator
	7411-13	Explosives Production Machine Operator
	7413-01	Supervisor, Plywood Making Machine Operators
	7413-01	Supervisor, Wood Processing Machine Operators
	7413-19	Veneer Production Machine Operator
	7413-19	Veneer Splicing Machine Operator
	7413-21	Plywood Production Machine Operator
	7413-99	Machine Stress Grader Operator
	7415-01	Supervisor, Paper and Paper Products Machine Operators
	7415-11	Fourdrinier Machine Operator
	7415-11	Inverform Machine Operator
	7415-11	Paperboard Machine Operator

KEYWORD	CODE	TITLE
	7415-11	Wet End Papermaking Machine Operator
	7415-13	Dry End Papermaking Machine Operator
	7415-15	Carton Making Machine Operator
	7415-15	Paper Products Machine Operator
	7417-01	Supervisor, Glass Production Machine Operators
	7417-11	Glass Production Machine Operator
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-01	Supervisor, Fibre Cement Machine Operators
	7419-11	Concrete Pipe Machine Operator
	7419-11	Concrete Products Machine Operator
	7419-13	Clay Products Machine Operator
	7419-13	Clay, Brick and Tile Machine Operator
	7419-15	Stone Processing Machine Operator
	7419-21	Fibre-Cement Machine Operator
	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-01	Supervisor, Yarn Production Machine Operators
	7421-11	Yarn Carding and Spinning Machine Operator
	7421-11	Yarn Drawing Machine Operator
	7421-11	Yarn Texture Machine Operator
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7423-11	Fallmongering Machine Operator
	7423-11	Hide and Skin Fleshing Machine Operator
	7423-11	Hide and Skin Processing Machine Operator
	7423-11	Leather Finishing Machine Operator
	7423-11	Leather Splitting and Shaving Machine Operator
	7423-11	Semmying Machine Operator
	7423-11	Staking Machine Operator
	7423-11	Tanning Machine Operator
	7423-11	Woolpulling Machine Operator
	7425-01	Supervisor, Fabric Production Machine Operators
	7425-11	Warp Machine Operator
	7425-15	Textile Knitting Machine Operator
	7425-17	Bleaching Machine Operator
	7425-17	Textile Dyeing and Finishing Machine Operator
	7425-19	Rope and Cord Making Machine Operator
	7425-99	Fabric Bonding Machine Operator
	7425-99	Tufting Machine Operator
	7427-13	Hemstitching Machine Operator
	7427-13	Pocket Welt Machine Operator
	7429-11	Inker Machine Operator (Shoemaking)
	7429-11	Shoemaking Machine Operator
	7431-01	Supervisor, Food Processing Machine Operators
	7431-11	Grain and Cereal Processing Machine Operator
	7431-11	Stockfeed Milling Machine Operator
	7431-13	Sugar Processing Machine Operator
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7431-17	Alcoholic Beverage Machine Operator
	7431-19	Meat and Fish Processing Machine Operator
	7431-19	Meat By-Products Machine Operator
	7431-19	Smallgoods Machine Operator
	7431-21	Milk Treatment Machine Operator
	7431-99	Food Processing Machine Operators nec
	7431-99	Frozen Food Machine Operator
	7431-99	Fruit and Vegetable Peeling Machine Operator
	7431-99	Pet Food Processing Machine Operator
	7433-01	Supervisor, Packaging Machine Operators
	7433-11	Bottling Machine Operator
	7433-99	Baling and Compression Machine Operator
	7433-99	Food Packaging Machine Operator
	7433-99	Machine Labeller
	7433-99	Strapping Machine Attendant
	7435-01	Supervisor, Photographic Products Machine Operators
	7499-01	Supervisor, Other Machine Operators
	7499-13	Cigarette Making Machine Operator
	7499-13	Tobacco Machine Attendant

M

KEYWORD	CODE	TITLE
	7499-15	Dry Cleaning Machine Operator
	7499-17	Folding Machine Operator
	7499-17	Laundry Machine Operator
	8199-29	Printing Machine Assistant
	8999-15	Poker Machine Attendant
	8999-15	Vending Machine Attendant
MACHINERY	7209-11	Farm Machinery Operator
	7431-19	Fish Plant and Machinery Operator
MACHINIST	4103-13	Aircraft Machinist
	4103-13	Automotive Machinist
	4103-13	Metal Machinist (First Class)
	4103-13	Milling Machinist
	4103-19	Metal Machinist (Second Class)
	4103-21	Metal Machinist (Third Class)
	4103-91	Apprentice Aircraft Machinist
	4103-91	Apprentice Automotive Machinist
	4103-91	Apprentice Fitter, Turner and Machinist
	4103-91	Apprentice Metal Fitter and Machinist
	4505-11	Letterpress Printing Machinist
	4505-13	Lithographic Printing Machinist
	4505-15	Flexographic or Gravure Printing Machinist
	4505-17	Newspaper Press Machinist (Metropolitan)
	4505-19	Small Offset Printing Machinist
	4505-91	Apprentice Printing Machinist
	4901-11	Wood Machinist (A-Grade)
	4901-15	Wood Machinist (B-Grade)
	4901-17	Wood Machinist (C-Grade)
	4901-91	Apprentice Wood Machinist
	5203-11	Accounting Machinist
	5203-11	Ledger Machinist
	7419-15	Stonemasonry Machinist
	7427-11	Buttonhole Machinist
	7427-11	Textile Sewing Machinist (Single Needle)
	7427-13	Textile Sewing Machinist (Multi Needle)
MACHINISTS	4103-01	Supervisor, Metal Fitters and Machinists
	4505-01	Supervisor, Printing Machinists
	4901-01	Supervisor, Wood Machinists and Turners
	7427-01	Supervisor, Textile Sewing Machinists
MACRO-ECONOMIST	2901-11	Macro-economist
MAGICIAN	2817-13	Magician
MAGISTRATE	1103-15	Magistrate
MAGISTRATE'S	5907-11	Magistrate's Clerk
MAGNETIC	3299-11	Magnetic Testing Technician
MAIL	5201-01	Electronic Mail Controller
	5201-15	Electronic Mail Operator
	5403-01	Supervisor, Mail Sorters
	5403-11	Mail Sorter
	5505-15	Mail Order Clerk
MAILS	5403-01	Overseer (Mails)
MAINTENANCE	2211-11	Electrical Maintenance Engineer
	3201-15	Radio Maintenance Officer
	4103-11	Maintenance Fitter
	4211-01	Supervisor, Aircraft Maintenance Engineers
	4211-11	Aircraft Maintenance Engineer (Engines)
	4211-11	Licensed Aircraft Maintenance Engineer (Engines)
	4211-11	Line Maintenance Aircraft Engineer (Engines)
	4211-13	Aircraft Maintenance Engineer (Airframes)
	4211-13	Licensed Aircraft Maintenance Engineer (Airframes)
	4211-13	Line Maintenance Aircraft Engineer (Airframes)

KEYWORD	CODE	TITLE
	4211-15	Aircraft Maintenance Engineer (Electrical)
	4211-15	Licensed Aircraft Maintenance Engineer (Electrical)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4211-19	Aircraft Maintenance Engineer (Instruments)
	4211-19	Licensed Aircraft Maintenance Engineer (Instruments)
	4211-91	Apprentice Aircraft Maintenance Engineer
	8409-11	Road Maintenance Worker
MAITRE	6505-01	Maitre d'Hotel
MAJOR	3999-33	Company Sergeant Major
	3999-33	Regimental Sergeant Major
MAKE-UP	3903-99	Make-up Artist
MAKER	4101-11	Plastic Mould Maker
	4101-11	Press-Tool Maker
	4101-11	Tool and Die Maker
	4205-11	Template Maker
	4205-91	Apprentice Template Maker
	4213-11	Precision Instrument Maker and Repairer
	4213-11	Scientific Instrument Maker and Repairer
	4213-13	Watch and Clock Maker and Repairer
	4213-17	Saw Maker and Repairer
	4213-91	Apprentice Saw Maker and Repairer
	4401-11	Prop and Scenery Maker
	4503-11	Flexographic Plate Maker
	4503-11	Letterpress Plate Maker
	4503-11	Plate Maker(Printing)
	4607-11	Vehicle Body Maker
	4607-91	Apprentice Vehicle Body Maker
	4701-13	Smallgoods Maker
	4701-91	Apprentice Smallgoods Maker
	4703-15	Biscuit Maker
	4901-11	Jig Maker (Wood)
	4903-11	Coffin Maker
	4903-11	Custom Furniture Maker
	4905-13	Picture Frame Maker
	4905-17	Cane Furniture Maker
	4905-21	Model Maker
	4905-91	Apprentice Cane Furniture Maker
	4905-91	Apprentice Model Maker
	4911-21	Hat Maker
	4913-13	Bedding and Mattress Maker
	4917-11	Leather Goods Maker
	4917-13	Canvas Goods Maker
	4917-91	Apprentice Canvas Goods Maker
	4917-91	Apprentice Leather Goods Maker
	4923-11	Ring Maker
	4925-91	Apprentice Musical Instrument Maker and Repairer
	4925-99	Musical Instrument Maker
	7305-11	Paint Maker
	7399-25	Insulation Maker
	7411-11	Soap Maker
	7411-11	Suture Maker
	7411-13	Bullet Maker
	7411-13	Fuse Maker
	7411-13	Nitrocellulose Maker
	7411-99	Candle Maker
	7417-11	Glass Maker
	7419-19	Fibrous Plaster Maker
	7419-19	Plasterboard Maker
	7419-99	Abrasive Wheel Maker
	7419-99	Brake Lining Maker
	7431-11	Breakfast Cereal Maker
	7431-11	Pasta Maker

M

KEYWORD	CODE	TITLE
	7431-21	Custard Maker
	7431-21	Dried Milk Products Maker
	7431-21	Yogurt Maker
	7431-23	Margarine Maker
	7431-25	Gelato Maker
	7431-25	Ice Confection Maker
	7431-25	Ice-Cream Maker
	7431-27	Fruit Conserve and Sauce Maker
	7431-99	Vegemite Maker
	7431-99	Yeast Maker
MAKERS	4607-01	Supervisor, Vehicle Body Makers
	4701-01	Supervisor, Smallgoods Makers
	4905-01	Supervisor, Cane Furniture Makers
	4925-01	Supervisor, Musical Instrument Makers and Repairers
MAKING	7411-11	Tablet Making Machine Operator
	7413-01	Supervisor, Plywood Making Machine Operators
	7415-15	Carton Making Machine Operator
	7425-19	Rope and Cord Making Machine Operator
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7499-13	Cigarette Making Machine Operator
MALTSTER	7431-11	Maltster
MAN/WOMAN	3905-99	Utility Man/Woman
MANAGEMENT	1319-15	Commissioned Defence Force Officer (Management)
	2799-99	Management Consultant
MANAGER	1201-11	General Manager
	1201-11	Regional Manager
	1301-11	Finance Manager
	1303-11	Advertising Manager
	1303-11	Export Manager
	1303-11	Merchandise Manager
	1303-11	Sales and Marketing Manager
	1305-11	Plant Manager
	1305-11	Production Manager (Manufacturing and Mining)
	1305-11	Quality Control Manager
	1305-11	Works Manager
	1305-13	Studio Manager
	1307-11	Procurement Manager
	1307-11	Purchasing Manager
	1307-11	Shipping Manager
	1307-11	Supply and Distribution Manager
	1307-11	Supply Manager
	1307-11	Transport Manager
	1309-11	Manpower Manager
	1309-11	Occupational Health and Safety Manager
	1309-11	Organisation and Methods Manager
	1309-11	Personnel and Industrial Relations Manager
	1309-11	Training Manager
	1311-11	Data Processing Manager
	1311-11	Information Systems Manager
	1311-11	Operations Manager (Data Processing)
	1311-11	Systems Manager (Data Processing)
	1313-11	Public Policy Manager
	1313-11	Public Service Manager
	1399-11	Engineering Manager
	1399-13	Market Research Manager
	1399-13	Research and Development Manager
	1399-13	Research Manager
	1399-99	Library Manager
	1401-11	Grain, Oilseed and Pasture Farm Manager
	1401-13	Sugar Cane Farm Manager
	1401-15	Tobacco Farm Manager
	1401-17	Beef Cattle Farm Manager

KEYWORD	CODE	TITLE
	1401-17	Beef Cattle Station Manager
	1401-19	Dairy Farm Manager
	1401-21	Sheep Farm Manager
	1401-21	Sheep Station Manager
	1401-23	Pig Farm Manager
	1401-25	Hatchery Manager
	1401-25	Poultry Farm Manager
	1401-27	Horse Stud Manager
	1401-29	Mixed Farm Manager
	1401-31	Fruit and Nut Farm Manager
	1401-33	Vegetable Farm Manager
	1401-91	Trainee Farm Manager
	1501-11	Bookshop Manager
	1501-11	Delicatessen Manager
	1501-11	Dry Cleaning Establishment Manager
	1501-11	Greengrocery Manager
	1501-11	Hardware Store Manager
	1501-11	Milk Bar Manager
	1501-11	Newsagency Manager
	1501-11	Service Station Manager
	1501-11	Shop Manager
	1501-11	Supermarket Manager
	1501-11	Take Away Food Outlet Manager
	1503-11	Canteen Manager
	1505-11	Hotel/Motel Manager
	1505-11	Resort Manager
	1505-11	Tavern Manager
	1505-13	Caravan Park Manager
	1505-99	Boarding House Manager
	1505-99	Hostel Manager
	1507-11	Bank Manager
	1507-11	Building Society Manager
	1507-11	Credit Union Manager
	1507-11	Financial Institution Branch Manager
	1599-13	Sports Centre Manager
	1599-17	Real Estate Agency Manager
	1599-99	Beauty Parlour Manager
	1599-99	Licensed Club Manager
	1599-99	Stock and Station Agency Manager
	1599-99	Stockbroking Firm Manager
	1599-99	TAB Manager
	1601-11	Import-Export Business Manager
	1601-13	Building and Construction Manager
	1601-99	Laundry Manager
	2107-25	Forest Manager
	2107-25	Harvesting Manager (Forestry)
	2811-21	Floor Manager (Television)
	2811-21	Stage Manager
	3905-99	Postal Services Field Manager
	6101-99	Properties Investment Manager
	6105-13	Real Estate Property Manager
	6301-01	Sales Department Manager
	6503-01	Bar Manager
MANAGING	1201-11	Managing Director
	1201-11	Managing Editor
	1503-11	Restaurant and Catering Managing Supervisor
	1599-11	Hairstressing Establishment Managing Supervisor
MANICURIST	6699-15	Manicurist
MANPOWER	1309-11	Manpower Manager
MANUAL	5603-11	Manual Assistant (Telecom)
MANUFACTURER	1601-19	Manufacturer
MANUFACTURING	1305-11	Production Manager (Manufacturing and Mining)

M

KEYWORD	CODE	TITLE
	7307-11	Grease Manufacturing Plant Operator
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-13	Photographic Film Manufacturing Operator
	8199-15	Furniture Manufacturing Labourer
MARGARINE	7431-23	Margarine Blender
	7431-23	Margarine Maker
MARINE	1399-99	Marine Engineer Superintendent
	3305-11	Marine Pilot
	3307-11	Marine Engineer
	3307-13	Marine Engineer Surveyor
	3307-15	Marine Surveyor
	3307-91	Cadet Marine Engineer
	3307-91	Trainee Marine Engineer
	4907-01	Supervisor, Marine Construction Tradespersons
	4907-11	Loftsmen/woman (Marine)
	4907-91	Apprentice Marine Construction Tradesperson
	6609-01	Chief Marine Steward
	6609-13	Marine Steward
	7303-13	Marine Engine and Boiler Operator
	7303-13	Marine Greaser
MARKER	3103-27	Tree Marker
	8199-11	Metal Processing Marker
MARKET	1399-13	Market Research Manager
	1401-33	Market Gardener
	2907-99	Market Research Analyst
	5999-19	Market Research Interviewer
	6101-99	Money Market Dealer
MARKETING	1303-11	Sales and Marketing Manager
	2703-11	Marketing Officer
MARRIAGE	2603-13	Marriage Counsellor
	6699-99	Marriage Celebrant
MASON	4999-15	Monumental Mason
MASSEUR/MASSEUSE	6699-17	Masseur/Masseuse
MASTER	2999-99	Master of the Court
	3305-11	Dredge Master
	3305-11	Ferry Master
	3305-11	Fishing Vessel Master
	3305-11	Ship's Master
	3305-11	Trawler Master
	3305-11	Tug Master
	3305-15	Master Fisherman/woman
	7317-01	Master Driller
	7399-29	Lock Master (Water Transport)
MASTER/MISTRESS	1401-27	Stud Master/Mistress
	1599-21	Railway Station Master/Mistress
MATCHER	4911-17	Fur Matcher
MATE	3305-13	Ship's Mate
MATERIALS	2217-15	Materials Engineer
	2217-17	Materials Scientist
	6501-11	Scrap Materials Buyer
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-11	Bulk Materials Handling Plant Operator
MATERNAL	3401-13	Maternal and Child Health Nurse
MATHEMATICAL	2909-13	Mathematical Statistician
MATHEMATICIAN	2909-11	Mathematician
MATRON	1315-11	Matron

KEYWORD	CODE	TITLE
MATTRESS	4913-13	Bedding and Mattress Maker
MAYOR/MAYORESS	1101-99	Mayor/Mayoreess
MEASURES	3905-99	Weights and Measures Inspector
MEASURING	7423-11	Leather Measuring Operator
MEAT	1401-25	Chicken Meat Producer
	3905-15	Meat Inspector
	4701-01	Supervisor, Meat Tradespersons
	4701-91	Apprentice Meat Tradesperson
	7431-19	Meat and Fish Processing Machine Operator
	7431-19	Meat By-Products Machine Operator
	7431-19	Meat Mincer Operator
	7431-19	Meat Pickler
	7431-19	Meat Smokehouse Operator
	8105-11	Meat Packer
	8105-11	Meat Wrapper
	8109-11	Meat Grader
	8199-35	Meat Boner and Slicer
	8199-35	Meat Trimmer
MEATWORKS	8199-33	Meatworks Labourer
MECHANIC	4103-11	Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-11	Plant Mechanic
	4103-11	Sewing Machine Mechanic
	4103-15	Textile Mechanic
	4103-91	Apprentice Mechanic (Diesel and Heavy Earthmoving Equipment)
	4103-91	Apprentice Sewing Machine Mechanic
	4103-91	Apprentice Textile Mechanic
	4211-11	Aircraft Mechanic (Engines)
	4211-13	Airframe Mechanic
	4211-17	Aircraft Mechanic (Radio)
	4211-19	Aircraft Mechanic (Instruments)
	4211-91	Apprentice Aircraft Mechanic
	4307-11	Air-Conditioning Mechanic
	4307-13	Refrigeration Mechanic
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	4309-11	Electrical Mechanic
	4309-91	Apprentice Electrical Mechanic
	4313-11	Radio Mechanic
	4313-11	Television Mechanic
	4315-11	Business Equipment Mechanic
	4399-11	Lift Mechanic
	4399-13	Amusement Machine Mechanic
	4601-11	Automotive Air-Conditioning Mechanic
	4601-11	Brake Mechanic
	4601-11	Diesel Motor Mechanic
	4601-11	Motor Mechanic
	4601-13	Lawnmower Mechanic
	4601-13	Motorcycle Mechanic
	4601-13	Outboard Motor Mechanic
	4601-13	Small Engine Mechanic
	4601-91	Apprentice Brake Mechanic
	4601-91	Apprentice Diesel Motor Mechanic
	4601-91	Apprentice Motor Mechanic
	4601-91	Apprentice Motorcycle Mechanic
	4601-91	Apprentice Small Engine Mechanic
	4999-11	Dental Mechanic
	4999-13	Optical Mechanic
	4999-29	Armament Mechanic
	4999-91	Apprentice Dental Mechanic
	4999-91	Apprentice Optical Mechanic
	4999-99	Chainsaw Mechanic
	7299-99	Recovery Mechanic (Army)

M

KEYWORD	CODE	TITLE
MECHANIC'S	8101-99	Motor Mechanic's Trades Assistant
MECHANICAL	2213-11	Chief Mechanical Engineer
	2213-11	Mechanical Engineer
	3205-11	Mechanical Engineering Associate
	3205-11	Mechanical Engineering Design Draftsperson
	3205-11	Mechanical Engineering Drafting Officer
	3205-11	Mechanical Engineering Technical Officer
	3205-13	Mechanical Detail Draftsperson
	3205-13	Mechanical Engineering Drafting Assistant
	3205-13	Mechanical Engineering Technician
	7201-23	Mechanical Bagger Operator
MECHANICS	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
	4309-01	Supervisor, Electrical Mechanics
	4399-01	Supervisor, Lift Mechanics
	4801-01	Supervisor, Vehicle Mechanics
MEDIA	1305-13	Producer (Media)
	2703-11	Media Officer
MEDICAL	1201-11	Medical Superintendent
	2109-11	Medical Laboratory Scientist
	2109-13	Medical Physicist
	2301-11	General Medical Practitioner
	2303-99	Medical Oncologist
	2321-11	Medical Diagnostic Radiographer
	2321-13	Medical Therapeutic Radiographer
	2799-11	Medical Record Administrator
	2799-11	Medical Record Librarian
	3101-11	Medical Laboratory Technical Officer
	3101-13	Medical Laboratory Technician
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
MEDICINE	2303-23	Nuclear Medicine Specialist
	2303-39	Specialist in Rehabilitation Medicine
	2303-99	Industrial Medicine Specialist
	2303-99	Occupational Medicine Specialist
	2321-15	Nuclear Medicine Technologist
	2399-99	Chinese Medicine Specialist
MELT	7417-11	Glass Melt Operator
MELTHOUSE	7431-13	Sugar Melthouse Attendant
MEMBER	1101-11	Member of Parliament
	1103-17	Administrative Appeals Tribunal Member
	1103-19	Industrial Tribunal Member
MENDER	7425-21	Textile Products Mender
MENTAL	3401-17	Registered Mental Retardation Nurse
MERCHANDISE	1303-11	Merchandise Manager
MERCHANT	3305-11	Merchant Ship's Captain
	6501-11	Scrap Merchant
MESS	1503-11	Mess Supervisor (Defence Forces)
MESSENGER	5605-11	Messenger
MESSENGERS	5605-01	Supervisor, Messengers and Delivery Officers
METAL	3299-11	Heat Metal Technician
	4101-11	Jigmaker (Metal)
	4103-01	Supervisor, Metal Fitters and Machinists
	4103-13	Machine Setter (Metal)
	4103-13	Metal Machinist (First Class)
	4103-13	Radial Driller (Metal)
	4103-19	Machine Tool Operator (Metal)

KEYWORD	CODE	TITLE
	4103-19	Metal Machinist (Second Class)
	4103-21	Metal Machinist (Third Class)
	4103-91	Apprentice Metal Fitter and Machinist
	4203-01	Supervisor, Metal Spinners
	4203-15	Metal Spinner
	4203-17	Guillotine Operator (Metal)
	4203-17	Metal Bending Machine Operator
	4203-91	Apprentice Metal Spinner
	4205-11	Metal Fabricator
	4205-11	Metal Fabricator-Welder
	4205-13	Structural Metal Fabricator
	4205-91	Apprentice Metal Fabricator
	4207-01	Supervisor, Metal Casting Tradespersons
	4207-11	Metal Casting Patternmaker
	4207-13	Metal Moulder
	4207-91	Apprentice Metal Casting Patternmaker
	4207-91	Apprentice Metal Casting Tradesperson
	4209-01	Supervisor, Metal Finishing Tradespersons
	4209-11	Metal Polisher
	4209-15	Metal Plater
	4209-91	Apprentice Metal Finishing Tradesperson
	4209-91	Apprentice Metal Polisher
	4213-01	Supervisor, Precision Metal Tradespersons
	4213-91	Apprentice Precision Metal Tradesperson
	4907-11	Metal Liner-off
	4923-15	Precious Metal Smith
	7399-13	Metal Roller
	7399-13	Metal Rolling Mill Operator
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7401-13	Metal Pourer
	7401-17	Metal Extrusion Press Operator
	7403-11	Metal Press Operator
	7405-11	Metal Dresser and Grinder
	7405-11	Metal Sprayer
	7405-11	Other Metal Products Machine Operators
	8101-11	Metal Forger's Assistant
	8101-11	Metal Moulder's Assistant
	8101-11	Metal Trades Assistant
	8103-11	Metal and Metal Products Assembler
	8103-11	Metal Window Assembler
	8109-13	Metal Products Viewer
	8199-11	Metal Dipper
	8199-11	Metal Processing and Finishing Factory Hand
	8199-11	Metal Processing and Finishing Labourer
	8199-11	Metal Processing Marker
METAL-INERT-GAS	4205-19	Metal-Inert-Gas Welder
METALLOGRAPHER	2217-13	Metallographer
METALLURGICAL	2217-15	Metallurgical Engineer
	3299-11	Metallurgical Technician
METALLURGIST	2217-11	Extractive Metallurgist
	2217-11	Primary Metallurgist
	2217-13	Industrial Metallurgist
	2217-13	Physical Metallurgist
	2217-13	Quality Control Metallurgist
	2217-13	Radiological Metallurgist
	2217-13	Secondary Metallurgist
METALS	7315-11	Metals Furnace Operator
	7401-13	Ladleman/woman (Metals)
METALWARE	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
METEOROLOGICAL	3103-15	Meteorological Technical Officer
	3103-17	Meteorological Observer

M

KEYWORD	CODE	TITLE
METEOROLOGIST	2199-15	Meteorologist
	2199-15	Research Meteorologist
METER	5999-11	Meter Reader
	5999-11	Meter Records Clerk
	8999-99	Parking Meter Collector
METHODS	1309-11	Organisation and Methods Manager
	2219-17	Methods Engineer
	2799-15	Organisation and Methods Analyst
METROPOLITAN	4505-17	Newspaper Press Machinist (Metropolitan)
MICROBIOLOGIST	2107-99	Microbiologist
	2303-37	Clinical Microbiologist
MICROBIOLOGY	3101-13	Clinical Microbiology Technician
	3103-25	Microbiology Technical Officer
MICROFICHE	7435-11	Microfiche Reproduction Operator
MICROPHONE	3903-99	Microphone Boom Operator
MIDSHIPMAN	1319-91	Midshipman
MIDWIFE	3401-15	Registered Midwife
MILITARY	1307-11	Military Supply Officer
	2219-99	Military Armament Engineer
	2219-99	Military Instrument Engineer
	2903-15	Military Psychologist
	2999-99	Military Personnel Selection Assessor
	3303-25	Aircraft Crewman/woman (Military and Rescue)
	3999-33	Military Disciplinary Supervisor
	4999-29	Military Explosives Technician
	6699-99	Military Steward
	7299-99	Military Aircraft Handler
	7499-19	Military Weapons Operator
MILK	1501-11	Milk Bar Manager
	6501-13	Milk Vendor
	7431-21	Dried Milk Products Maker
	7431-21	Milk Treatment Machine Operator
	8109-11	Milk and Cream Grader
	8199-43	Milk Processing Worker
MILL	7303-11	Sugar Mill Engine Driver
	7399-13	Metal Rolling Mill Operator
	7399-13	Rolling Mill Assistant
MILLER	4799-11	Miller
	4799-11	Stockfeed Miller
	4799-93	Trainee Miller
MILLERS	4799-01	Supervisor, Millers
MILLINER	4911-21	Milliner
MILLING	4103-13	Milling Machinist
	7431-11	Stockfeed Milling Machine Operator
MIME	2817-99	Mime
MINCER	7431-19	Meat Mincer Operator
MINDER	6601-15	Child Minder
MINE	3299-99	Mine Deputy
	3299-99	Mine Undermanager
	3299-99	Mine Ventilation Officer
	7313-11	Mine Cage Attendant
	8415-11	Mine Sampler
	8415-11	Mine Ventilation Hand

KEYWORD	CODE	TITLE
MINER	4909-13 7201-23 7201-23 8415-11 8415-11	Stope Miner Development Machine Miner Longwall Miner Operator Opal Miner Salvage Miner
MINERAL	3103-17 7399-11 8415-15	Mineral Separation Technician Mineral Ore Treating Plant Operator Mineral Ore Processing Labourer
MINES	3905-13	Mines Inspector
MINING	1305-11 2215-11 2215-11 3299-99 3299-99 7201-01 7201-21 7201-21 7201-23 8415-11 8415-11 8415-11	Production Manager (Manufacturing and Mining) Chief Mining Engineer Mining Engineer (except Petroleum) Mining Detail Draftsperson Mining Technician Shift Boss (Mining) Mining Shovel Operator Open Cut Mining Plant Operator Continuous Mining Machine Operator Mining Labourer Roof Bolter (Mining) Timberman/woman (Mining)
MINISTER	1101-11 1101-11 2607-11 2607-11	Government Minister Prime Minister Minister of Religion Student Minister
MISSION	1101-99	Head of Diplomatic Mission
MIXED	1401-29 1401-29	Mixed Farm Manager Mixed Farmer
MIXER	3903-11 3903-11 3903-15 7105-13 7411-13 7431-15	Re-recording Mixer Sound Mixer Vision Mixer Concrete Mixer Driver Explosives Mixer Operator Soft Drink Mixer
MIXING	3903-11	Dubbing Projectionist (Sound Mixing)
MODEL	4905-21 4905-91 6599-99	Model Maker Apprentice Model Maker Model
MOLECULAR	2107-15	Molecular Biologist
MONEY	6101-99 8999-99	Money Market Dealer Public Telephone Money Collector
MONKEY	4909-11	Powder Monkey
MONKEY'S	8101-99	Powder Monkey's Assistant
MONUMENTAL	4999-15	Monumental Mason
MORPHOLOGIST	2107-11 2107-19	Animal Morphologist Plant Morphologist
MORTARMAN	7499-19	Mortarmen
MORTICIAN	6699-11	Mortician
MOSAIC	4413-11	Mosaic Tiler
MOTHERCRAFT	6603-11	Mothercraft Nurse
MOTHERHOOD	6603-11	Motherhood Nurse
MOTION	3903-13 4999-17	Motion Picture Camera Operator Motion Picture Projectionist

M

KEYWORD	CODE	TITLE
MOTOR	3307-11	Motor Vessel Engineer Officer
	4601-11	Diesel Motor Mechanic
	4601-11	Motor Mechanic
	4601-13	Outboard Motor Mechanic
	4601-91	Apprentice Diesel Motor Mechanic
	4601-91	Apprentice Motor Mechanic
	6301-19	Sales Assistant (Caravans and Motor Vehicles)
	8101-99	Motor Mechanic's Trades Assistant
	8301-21	Motor Vehicle Cleaner
MOTORCYCLE	4601-13	Motorcycle Mechanic
	4601-91	Apprentice Motorcycle Mechanic
MOTORMAN/WOMAN	7303-11	Motorman/woman (Fluids Drilling)
MOULD	4101-11	Plastic Mould Maker
	8199-25	Mould Hand (Plastics)
	8199-31	Glass Mould Cleaner
MOULDER	4207-13	Metal Moulder
	4207-13	Moulder and Coremaker
	4207-91	Apprentice Moulder and Coremaker
	7401-11	Machine Moulder
	7411-11	Toiletries Moulder and Compressor
	7413-99	Sawmill Moulder Operator
	7419-11	Concrete Pre-cast Moulder
	7419-21	Fibre-Cement Moulder
MOULDER'S	8101-11	Metal Moulder's Assistant
MOULDING	7407-11	Plastics Moulding Machine Setter
	7407-15	Blow Moulding Machine Operator
	7407-15	Compression Moulding Machine Operator
	7407-15	Injection Moulding Machine Operator
	7407-15	Plastics Moulding Machine Operator
	7407-15	Rotational Moulding Machine Operator
MOWER	8205-13	Lawn Mower
MUD	2103-11	Mud Logger
	2215-13	Mud Engineer
MUFFLER	8923-11	Muffler Fitter
MULTI	7427-13	Textile Sewing Machinist (Multi Needle)
MULTI-CULTURAL	2407-99	Teacher of Multi-cultural Studies
MUNICIPAL	2209-11	Municipal Engineer
MUNITIONS	8199-23	Munitions Factory Hand
MUSEUM	3999-13	Museum and Art Gallery Technician
MUSIC	2505-13	Music Teacher (Private)
	2815-11	Music Director
	2815-99	Music Arranger
	2815-99	Music Copyist
MUSICAL	4925-01	Supervisor, Musical Instrument Makers and Repairers
	4925-91	Apprentice Musical Instrument Maker and Repairer
	4925-99	Musical Instrument Maker
	6201-99	Sales Representative (Musical Goods)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
MUSICIAN	2815-17	Instrumental Musician
MUSTERER	8201-11	Musterer
MYCOLOGICAL	3103-27	Mycological Technician

KEYWORD	CODE	TITLE
NANNY	6601-99	Nanny
NATUROPATH	2399-99	Naturopath
NAVAL	1201-11 2219-15	Naval ranks above and including Commodore Naval Architect
NAVIGATING	3305-13	Ship's Navigating Officer
NAVIGATOR	3303-23	Aircraft Navigator
NAVY	1319-15 3303-23 3305-13 7499-19	Lieutenant (Navy) Observer (Navy) Seaman Officer (Navy) Fire Controller (Navy)
NEEDLE	7425-99 7427-11 7427-13	Needle Loom Operator Textile Sewing Machinist (Single Needle) Textile Sewing Machinist (Multi Needle)
NEGATIVE	7435-11	Negative Producer and Cutter
NEIGHBOURHOOD	3901-11	Neighbourhood Centre Coordinator
NEPHROLOGIST	2303-99	Nephrologist
NEUROANATOMIST	2107-11	Neuroanatomist
NEUROLOGIST	2303-99	Neurologist
NEUROPHYSIOLOGICAL	3101-99	Neurophysiological Technician
NEUROPSYCHOLOGIST	2903-11	Neuropsychologist
NEUROSURGEON	2303-35	Neurosurgeon
NEUROSURGICAL	3401-99	Neurosurgical Nurse
NEWS	2807-01 2807-13 2807-13	News Editor News Correspondent Roundsmen/woman (News)
NEWSAGENCY	1501-11	Newsagency Manager
NEWSBOY/GIRL	6501-17	Newsboy/girl
NEWSPAPER	4505-17 8199-29	Newspaper Press Machinist (Metropolitan) Newspaper Press General Hand
NEWSPAPERS	6301-21	Sales Assistant (Stationery, Newspapers and Books)
NIGHT	8911-13	Night Watchman/woman
NITROCELLULOSE	7411-13	Nitrocellulose Maker
NON-DESTRUCTIVE	3299-11	Non-Destructive Testing Technician
NOSE	2303-31	Ear, Nose and Throat Specialist
NOVELIST	2809-11	Novelist
NOXIOUS	3905-99	Vermin and Noxious Weeds Inspector
NUCLEAR	2303-23 2321-15	Nuclear Medicine Specialist Nuclear Medicine Technologist
NUMBER	5503-99 7499-19	Railway Number Taker Gun Number
NURSE	1315-11 2505-25 2505-25 3401-01 3401-11 3401-13 3401-13 3401-13	Nurse Administrator Clinical Nurse Teacher Nurse Educator Charge Nurse Registered General Nurse Domiciliary Nurse Infant Welfare Nurse Maternal and Child Health Nurse

N

KEYWORD	CODE	TITLE
	3401-13	Occupational Health Nurse
	3401-13	Registered Community Health Nurse
	3401-17	Registered Mental Retardation Nurse
	3401-19	Registered Psychiatric Nurse
	3401-91	Student Registered Nurse
	3401-91	Student Registered Psychiatric Nurse
	3401-99	Coronary Care Nurse
	3401-99	Geriatric Care Nurse
	3401-99	Intensive Care Nurse
	3401-99	Neurosurgical Nurse
	3401-99	Oncological Nurse
	3401-99	Operating Theatre Nurse
	3401-99	Paediatric Nurse
	3401-99	Spinal Injuries Nurse
	6603-11	Enrolled Nurse
	6603-11	Mothercraft Nurse
	6603-11	Motherhood Nurse
	6603-91	Student Enrolled Nurse
	6805-11	Dental Nurse
	8921-15	Nurse Attendant
	8999-23	Animal Nurse
	8999-23	Veterinary Nurse
NURSERY	4801-01	Supervisor, Plant Nursery
	6601-15	Children's Nursery Assistant
	8205-11	Nursery Assistant (Horticulture)
	8205-11	Nursery Hand (Horticulture)
NURSEYMAN/WOMAN	4801-11	Nurseryman/woman
	4801-91	Apprentice Nurseryman/woman
NURSERYMEN/WOMEN	4801-01	Supervisor, Nurserymen/women
NURSES'	6603-11	Nurses' Aide
NURSING	1315-11	Director of Nursing
	1315-11	Nursing Superintendent
	3401-01	Nursing Supervisor
	8921-15	Nursing Assistant
NUT	1401-31	Fruit and Nut Farm Manager
	1401-31	Fruit and Nut Grower
	8201-13	Fruit, Vegetable and Nut Farm Hand
	8201-13	Fruit, Vegetable and Nut Picker
NUTRITIONIST	2107-23	Animal Nutritionist
	2399-13	Nutritionist

KEYWORD	CODE	TITLE
OBSERVER	3103-17	Gravity Prospecting Observer
	3103-17	Meteorological Observer
	3103-17	Seismic Prospecting Observer
	3303-23	Observer (Navy)
	3303-25	Air Observer (Rescue)
	3303-25	Helicopter Observer (Rescue)
	7107-91	Locomotive Observer
OBSTETRICIAN	2303-15	Obstetrician and Gynaecologist
OCCUPATIONAL	1309-11	Occupational Health and Safety Manager
	2303-99	Occupational Medicine Specialist
	2309-11	Occupational Therapist
	2903-15	Occupational Psychologist
	2999-99	Occupational Hygienist
	3401-13	Occupational Health Nurse
OCEANOGRAPHER	2103-13	Physical Oceanographer
OENOLOGIST	2999-99	Oenologist
OFFAL	8199-33	Offal Separator
OFFICE	4315-01	Supervisor, Office Equipment and Computer Services
	4315-11	Office Equipment Servicer
	4315-91	Apprentice Office Equipment and Computer Servicer
	4315-91	Trainee Office Equipment and Computer Servicer
	5101-01	Supervisor, Office Secretaries and Stenographers
	5101-11	Office Secretary
	5101-13	Office Stenographer
	5905-13	Employment Office Clerk
	6301-21	Sales Assistant (Office Supplies)
	6301-99	Sales Assistant (EDP and Office Equipment)
	6403-13	Office Cashier
	8301-13	Office Cleaner
OFFICER	1307-11	Military Supply Officer
	1319-11	Commissioned Police Officer
	1319-13	Commissioned Fire Officer
	1319-15	Commissioned Defence Force Officer (Management)
	1319-91	Officer Cadet
	1319-91	Trainee Officer (Defence Forces)
	2107-27	Agricultural Extension Officer
	2605-99	Corporate Legal Officer
	2607-11	Salvation Army Officer
	2703-11	Information Officer (Public Relations)
	2703-11	Marketing Officer
	2703-11	Media Officer
	2703-11	Press Officer
	2703-11	Promotions Officer
	2703-11	Public Relations Officer
	2703-11	Publicity Officer
	2705-11	Employment Officer
	2705-11	Equal Employment Officer
	2705-11	Personnel Officer
	2705-11	Recruitment Officer
	2705-13	Training Officer
	2705-15	Staff Development Officer
	2799-13	Industrial Officer
	2799-13	Industrial Relations Officer
	2799-15	Work Study Officer
	2811-13	Casting Officer
	2903-13	Educational Guidance Officer
	2905-11	Curriculum Development Officer
	2905-13	Education Officer
	2905-13	Home-School Liaison Officer
	2999-17	Activities Officer
	2999-17	Recreation Officer
	2999-23	Intelligence Officer

KEYWORD

CODE

TITLE

3101-11	Medical Laboratory Technical Officer
3103-11	Chemical Instrumentation Technical Officer
3103-11	Chemical Research Technical Officer
3103-11	Chemistry Technical Officer
3103-15	Earth Science Technical Officer
3103-15	Geology Technical Officer
3103-15	Geophysical Technical Officer
3103-15	Meteorological Technical Officer
3103-15	Soils Science Technical Officer
3103-19	Optics Technical Officer
3103-19	Physics Technical Officer
3103-19	Spectroscopic Technical Officer
3103-23	Dyeing and Finishing Technical Officer
3103-23	Fabric Design Technical Officer
3103-23	Textiles Technical Officer
3103-25	Biology Technical Officer
3103-25	Botany Technical Officer
3103-25	Ecological Technical Officer
3103-25	Fisheries Technical Officer
3103-25	Forestry Technical Officer
3103-25	Life Science Technical Officer
3103-25	Microbiology Technical Officer
3103-25	Zoology Technical Officer
3103-29	Agricultural Technical Officer
3103-29	Cereals Technical Officer
3103-29	Horticultural Technical Officer
3201-11	Electrical Engineering Drafting Officer
3201-11	Electrical Engineering Technical Officer
3201-11	Relays Drafting Officer
3201-15	Aircraft Electronics Technical Officer
3201-15	Communications and Data Systems Drafting Officer
3201-15	Communications Engineering Technical Officer
3201-15	Control Systems Drafting Officer
3201-15	Digital Controls Technical Officer
3201-15	Electronics Engineering Drafting Officer
3201-15	Electronics Engineering Technical Officer
3201-15	Process Control Technical Officer
3201-15	Radio Maintenance Officer
3201-15	Telecommunications Technical Officer
3203-11	Civil Engineering Drafting Officer
3203-11	Civil Engineering Technical Officer
3203-11	Sewage Reticulation Drafting Officer
3203-11	Structural Engineering Drafting Officer
3205-11	Air-Conditioning Drafting Officer
3205-11	Heating and Ventilating Technical Officer
3205-11	Mechanical Engineering Drafting Officer
3205-11	Mechanical Engineering Technical Officer
3207-13	Architectural Drafting Officer
3207-13	Architectural Technical Officer
3207-15	Engineering Survey Drafting Officer
3207-15	Topographic Drafting Officer
3299-99	Aeronautical Engineering Technical Officer
3299-99	Airframe Technical Officer
3299-99	Lighting Design Drafting Officer
3299-99	Mine Ventilation Officer
3299-99	Production Planning Officer (Engineering)
3299-99	Shipbuilding Design Drafting Officer
3299-99	Welding Technical Officer
3303-13	Flight Service Officer
3303-93	Trainee Flight Service Officer
3303-99	Air Defence Officer
3305-13	Seaman Officer (Navy)
3305-13	Ship's Navigating Officer
3305-13	Ship's Officer
3305-91	Cadet Deck Officer
3307-11	Motor Vessel Engineer Officer

KEYWORD	CODE	TITLE
	3307-11	Ship's Engineer Officer
	3501-13	Plain Clothes Police Officer
	3901-11	Community Development Officer
	3901-13	Parole Officer
	3901-13	Probation Officer
	3901-15	Welfare Officer
	3901-17	Youth Officer
	3905-19	Customs Examining Officer
	3905-25	Stream Control Officer
	3905-27	Corporate Safety Officer
	3909-11	Ambulance Officer
	3911-01	Chief Prison Officer
	3911-11	Prison Officer
	3913-11	Purchasing Officer
	3913-11	Supply Officer
	3999-33	Disciplinary Warrant Officer
	3999-33	Warrant Officer Coxswain
	5301-19	Credit Officer
	5301-19	Loans Officer
	5601-13	Customer Service Officer
	5601-13	Inquiry Officer
	5907-99	Sheriff's Officer
	5907-99	Trust Officer
	5909-13	Postal Officer
	6101-99	Corporate Finance Officer
	6405-11	Airline Traffic Officer (Passenger Services)
	6507-13	Tourist Officer
	7211-11	Fire Prevention Officer
	8911-11	Railway Patrol Officer
	8911-13	Protective Service Officer
	8911-13	Security Officer
	8911-13	Security Patrol Officer
	8999-99	First Aid Officer
OFFICERS	3905-01	Supervisor, Inspectors and Regulatory Officers
	5605-01	Supervisor, Messengers and Delivery Officers
	8911-01	Supervisor, Guards and Security Officers
OFFICIAL	2799-13	Trade Union Official
	3915-17	Racecourse Official
OFFSET	4505-19	Small Offset Printing Machinist
OFFSHORE	4999-21	Offshore Diver
OFFSIDER	8415-13	Driller's Offsider
	8415-13	Well Treatment Offsider
	8909-17	Truck Driver's Offsider
OIL	2215-13	Oil and Gas Drilling Engineer
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-13	Oil and Gas Well Treatment Operator
	7307-13	Oil Well Cementer
	7307-15	Oil and Gas Production Testing Operator
	7307-15	Oil, Gas and Pipe Tester
	7399-17	Oil Tempering Operator
OILER	7201-91	Dragline Oiler
	7201-91	Shovel Oiler
OILSEED	1401-11	Grain, Oilseed and Pasture Farm Manager
	1401-11	Grain, Oilseed and Pasture Grower
	7399-99	Oilseed Processing Operator
OLERICULTURIST	1401-33	Olericulturist
OMBUDSMAN/WOMAN	1201-11	Ombudsman/woman
ONCOLOGICAL	3401-99	Oncological Nurse

O

KEYWORD	CODE	TITLE
ONCOLOGIST	2303-23	Radiation Oncologist
	2303-35	Surgical Oncologist
	2303-99	Medical Oncologist
ONSHORE	4999-23	Onshore Diver
OPAL	4923-13	Opal Polisher
	8415-11	Opal Miner
OPEN	7201-21	Open Cut Mining Plant Operator
	7315-11	Open Hearth Furnace Operator
OPENER	8199-39	Oyster Opener
OPERA	2815-13	Concert and Opera Singer
OPERATING	3401-99	Operating Theatre Nurse
OPERATIONS	1311-11	Operations Manager (Data Processing)
	2909-11	Operations Research Analyst
	3903-01	Supervising Technician, Radio Operations
	3903-01	Supervising Technician, TV Production Operations
OPERATOR	3305-11	Hovercraft Operator
	3305-11	Hydrofoil Operator
	3903-11	Audio Operator
	3903-11	Dubbing Machine Operator
	3903-13	Motion Picture Camera Operator
	3903-15	Telecine Operator
	3903-15	Television Camera Operator
	3903-15	Television Equipment Operator
	3903-17	Broadcast Transmitter Operator
	3903-99	Microphone Boom Operator
	3999-11	Radio Operator
	3999-99	Radar Operator
	3999-99	Sonar Operator
	4103-19	Machine Tool Operator (Metal)
	4203-17	Guillotine Operator (Metal)
	4203-17	Metal Bending Machine Operator
	4203-17	Sheetmetal Rolling Machine Operator
	4205-19	Gas-shielded Arc Welding Operator
	4503-15	Electronic Scanner Operator (Printing)
	4503-15	Process Camera Operator (Printing)
	4507-11	Paper Guillotine Operator (Bookbinding)
	4901-11	Automatic Profile Sander Operator
	4901-11	Copy Lathe Operator
	4901-11	Double-End Tenoner Operator
	4901-11	Edge Bander Operator
	4901-11	Panel Saw Operator
	4901-13	Wood Turning Lathe Operator
	4921-13	Glass Blowing Lathe Operator
	5105-11	Word Processing Operator
	5201-11	Computer Console Operator
	5201-11	Computer Operator
	5201-13	Data Entry Operator
	5201-13	Data Processing Operator
	5201-13	Remote Computer Terminal Operator
	5201-13	Verifier Operator
	5201-13	Visual Display Unit Operator
	5201-15	Data Transceiver Operator
	5201-15	Electronic Mail Operator
	5201-99	Cryptographic Machine Operator
	5203-11	Business Machine Operator
	5603-11	Phonogram Operator
	5603-11	Switchboard Operator
	5603-11	Telephone Operator
	6101-11	Trading Floor Operator (Stock Exchange)
	6403-11	Checkout Operator
	6403-11	Service Station Console Operator

KEYWORD	CODE	TITLE
	7201-11	Bulldozer Operator
	7201-13	Scraper Operator (Earthmoving)
	7201-15	Back-hoe Operator
	7201-17	Trench-digging Machine Operator
	7201-19	Bobcat Operator
	7201-19	Front-end Loader Operator
	7201-19	Loader Operator (Earthmoving)
	7201-21	Bucketwheel Excavator Operator
	7201-21	Dragline Operator
	7201-21	Mining Shovel Operator
	7201-21	Open Cut Mining Plant Operator
	7201-23	Continuous Mining Machine Operator
	7201-23	Longwall Miner Operator
	7201-23	Mechanical Bagger Operator
	7201-23	Underground Plant Operator
	7201-23	Underground Truck Operator
	7201-25	Dredge Operator
	7201-27	Grader Operator
	7201-29	Excavator Operator
	7201-29	Hydraulic Rock Breaker Operator
	7201-91	Trainee Excavating and Earthmoving Plant Operator
	7203-13	Straddle Carrier Operator
	7205-11	Forwarder Operator
	7205-11	Logging Plant Operator
	7205-11	Skidder Operator
	7205-11	Tree Feller Operator
	7207-11	Paving Plant Operator
	7207-13	Compactor Operator
	7207-13	Road Roller Operator
	7209-11	Cotton Picking Machine Operator
	7209-11	Farm Machinery Operator
	7209-11	Harvester Operator
	7209-13	Amenity Horticulture Machine Operator
	7209-13	Auto Scythe Operator
	7209-13	Rotary Hoe Operator
	7299-11	Railway Track Repair Machine Operator
	7299-99	Cable Ferry Operator
	7299-99	Road Sweeper Operator
	7299-99	Specialist Vehicles Operator (Army)
	7301-11	Hydro-electric Station Operator
	7301-11	Power Generation Plant Operator
	7301-11	Power Generation Turbine Room Operator
	7303-11	Air-Conditioning Plant Operator
	7303-11	Refrigeration Plant Operator
	7303-11	Stationary Engine and Boiler Operator
	7303-13	Marine Engine and Boiler Operator
	7305-11	Chemical Plant Operator
	7305-11	Fermentation Operator (Chemicals)
	7305-11	Industrial Gas Production Operator
	7305-11	Pharmaceutical Plant Operator
	7305-11	Pilot Plant Operator
	7305-91	Trainee Chemical Plant Operator
	7307-11	Gas Compressor Turbine Operator
	7307-11	Grease Manufacturing Plant Operator
	7307-11	Petroleum and Gas Refining and Pumping Operator
	7307-11	Petroleum Blending Plant Operator
	7307-11	Petroleum Process Unit Operator
	7307-11	Petroleum Shipping Plant Operator
	7307-13	Oil and Gas Well Treatment Operator
	7307-13	Well Treatment Blender Operator
	7307-13	Well Treatment Pump Operator
	7307-15	Oil and Gas Production Testing Operator
	7307-15	Torque-turn Computer Operator
	7309-11	Bucketwheel Reclaimer Operator
	7309-11	Bulk Materials Handling Plant Operator
	7309-11	Car Dumper Operator

KEYWORD	CODE	TITLE
	7309-11	Conveyor Belt Operator
	7309-11	Ore Stacker Operator
	7309-11	Tank Farm Operator
	7309-11	Train Loader Operator
	7311-11	Cherry Picker Operator
	7311-11	Crane Operator
	7311-11	Portainer Operator
	7313-11	Hoist, Winch and Lift Operator
	7315-11	Basic Oxygen Steelmaking Furnace Operator
	7315-11	Blast Furnace Operator
	7315-11	Metals Furnace Operator
	7315-11	Open Hearth Furnace Operator
	7315-11	Pot Operator (Aluminium)
	7315-11	Smelting Furnace Operator
	7315-13	Heat Treatment Furnace Operator
	7315-13	Soaking Pit Furnace Operator
	7315-15	Clay Products Kiln Operator
	7315-15	Kiln Operator
	7315-15	Ore Roaster Operator
	7315-15	Pellet Plant Operator
	7315-15	Timber Kiln Operator
	7315-17	Crematorium Plant Operator
	7315-17	Incinerator Plant Operator
	7317-11	Air Track Operator
	7317-11	Coal Seam Drill Operator
	7317-11	Drilling Plant Operator
	7317-11	Fishing Tool Operator
	7317-11	Jumbo Drill Operator
	7317-11	Long Hole Drill Operator
	7317-11	Power Tong Operator
	7317-11	Raise Drill Operator
	7317-11	Reeled Tubing Operator
	7317-11	Rock Drill Operator
	7317-11	Rotary Drill Operator
	7317-11	Service Rig Operator
	7317-11	Snubbing Unit Operator
	7399-11	Coal Preparation Plant Operator
	7399-11	Flotation Operator
	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Ore and Stone Crusher Operator
	7399-11	Ore Separator Operator
	7399-11	Ore Treating Solution Operator
	7399-11	Surface Hydraulic Fill Operator
	7399-11	Wash Plant Operator
	7399-13	Metal Rolling Mill Operator
	7399-15	Paper Pulp Preparation Plant Operator
	7399-17	Hardboard Plant Operator
	7399-17	Hardboard Press Operator
	7399-17	Oil Tempering Operator
	7399-17	Wood Chipping and Particleboard Plant Operator
	7399-19	Railway Switching and Signalling Operator
	7399-21	Timber Treatment Plant Operator
	7399-23	Concrete Pump Operator
	7399-25	Insulation Cupola Operator
	7399-27	Cement Production Plant Operator
	7399-29	Sewage Plant Operator
	7399-29	Water Supply and Treatment Plant Operator
	7399-31	Electrolytic Cell Operator
	7399-33	Anode Press Operator
	7399-33	Rodding Press Operator
	7399-35	Concrete Batching Plant Operator
	7399-99	Clay Crusher Operator
	7399-99	Oilseed Processing Operator
	7399-99	Weighbridge Operator
	7401-13	Casting Machine and Ladle Operator
	7401-15	Wire Drawing Machine Operator

KEYWORD	CODE	TITLE
	7401-17	Metal Extrusion Press Operator
	7403-11	Metal Press Operator
	7405-11	Forging Machine Operator
	7405-11	Springmaking Machine Operator
	7407-13	Plastics Extruder Machine Operator
	7407-15	Blow Moulding Machine Operator
	7407-15	Compression Moulding Machine Operator
	7407-15	Injection Moulding Machine Operator
	7407-15	Plastics Moulding Machine Operator
	7407-15	Rotational Moulding Machine Operator
	7407-15	Thermoforming Machine Operator
	7407-17	Cellular Plastics Machine Operator
	7407-17	Plastics Foam Machine Operator
	7407-19	Plastics Sheet Press Operator
	7407-21	Plastics Blending Machine Operator
	7409-11	Tyre Production Machine Operator
	7409-99	Rubber Knitting Machine Operator
	7409-99	Rubber Roller Grinder Operator
	7411-11	Granulator Machine Operator
	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
	7411-11	Tablet Making Machine Operator
	7411-13	Explosives Mixer Operator
	7411-13	Explosives Production Machine Operator
	7413-13	Ripsaw Operator
	7413-13	Trim Saw Operator
	7413-19	Veneer Guillotine Operator
	7413-19	Veneer Lathe and Slicer Operator
	7413-19	Veneer Production Machine Operator
	7413-19	Veneer Splicing Machine Operator
	7413-19	Veneer Trimmer Operator
	7413-21	Plywood Production Machine Operator
	7413-23	Particleboard Laminator Operator
	7413-23	Wood Laminating Press Operator
	7413-99	Debarker Operator
	7413-99	Drop-Sorter Operator
	7413-99	Hogger Operator
	7413-99	Machine Stress Grader Operator
	7413-99	Sawmill Moulder Operator
	7415-11	Fourdrinier Machine Operator
	7415-11	Inverform Machine Operator
	7415-11	Paperboard Machine Operator
	7415-11	Wet End Papermaking Machine Operator
	7415-13	Dry End Papermaking Machine Operator
	7415-13	Paper Rewinder Operator
	7415-13	Supercalender Operator (Papermaking)
	7415-15	Carton Making Machine Operator
	7415-15	Paper Products Machine Operator
	7417-11	Glass Furnace Operator
	7417-11	Glass Laminating Operator
	7417-11	Glass Melt Operator
	7417-11	Glass Production Machine Operator
	7417-11	Glass Toughening Operator
	7419-11	Concrete Pipe Machine Operator
	7419-11	Concrete Products Machine Operator
	7419-13	Clay Products Machine Operator
	7419-13	Clay, Brick and Tile Machine Operator
	7419-15	Stone Processing Machine Operator
	7419-21	Fibre-Cement Machine Operator
	7421-11	Gill Box Operator
	7421-11	Yarn Carding and Spinning Machine Operator
	7421-11	Yarn Drawing Machine Operator
	7421-11	Yarn Texture Machine Operator
	7421-15	Wool Scouring Operator
	7423-11	Fellmongering Machine Operator
	7423-11	Hide and Skin Fleshing Machine Operator
	7423-11	Hide and Skin Processing Machine Operator

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KEYWORD	CODE	TITLE
	7423-11	Leather Drying Operator
	7423-11	Leather Finishing Machine Operator
	7423-11	Leather Measuring Operator
	7423-11	Leather Printing Operator
	7423-11	Leather Splitting and Shaving Machine Operator
	7423-11	Sammying Machine Operator
	7423-11	Staking Machine Operator
	7423-11	Tanning Machine Operator
	7423-11	Woolpulling Machine Operator
	7425-11	Warp Machine Operator
	7425-15	Textile Knitting Machine Operator
	7425-17	Bleaching Machine Operator
	7425-17	Textile Dyeing and Finishing Machine Operator
	7425-19	Rope and Cord Making Machine Operator
	7425-99	Fabric Bonding Machine Operator
	7425-99	Needle Loom Operator
	7425-99	Tufting Machine Operator
	7427-11	Garment Finishing Operator
	7427-13	Hemstitching Machine Operator
	7427-13	Pocket Welt Machine Operator
	7429-11	Inker Machine Operator (Shoemaking)
	7429-11	Shoemaking Machine Operator
	7431-11	Food Processing Extruder Operator
	7431-11	Grain and Cereal Processing Machine Operator
	7431-11	Stockfeed Milling Machine Operator
	7431-13	Centrifuge Operator (Sugar Processing)
	7431-13	Sugar Boiler and Pan Operator
	7431-13	Sugar Cane Crusher Operator
	7431-13	Sugar Dryer Operator
	7431-13	Sugar Processing Machine Operator
	7431-15	Fruit and Vegetable Juicer Operator
	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7431-17	Alcoholic Beverage Machine Operator
	7431-17	Brewhouse Operator
	7431-19	Defeatherer and Eviscerator Operator
	7431-19	Fish Plant and Machinery Operator
	7431-19	Fish Smokehouse Operator
	7431-19	Meat and Fish Processing Machine Operator
	7431-19	Meat By-Products Machine Operator
	7431-19	Meat Mincer Operator
	7431-19	Meat Smokehouse Operator
	7431-19	Poultry Saws Operator
	7431-19	Smallgoods Machine Operator
	7431-21	Milk Treatment Machine Operator
	7431-27	Food Processing Autoclave Operator
	7431-27	Food Processing Retort Operator
	7431-99	Food Size-grading Operator
	7431-99	Frozen Food Machine Operator
	7431-99	Fruit and Vegetable Peeling Machine Operator
	7431-99	Pet Food Processing Machine Operator
	7433-11	Bottling Machine Operator
	7433-99	Baling and Compression Machine Operator
	7433-99	Depalletiser Operator
	7433-99	Food Packaging Machine Operator
	7433-99	Palletiser Operator
	7433-99	Shrink Wrap Operator
	7435-11	Copy Camera Operator
	7435-11	Microfiche Reproduction Operator
	7435-11	Photographic Enlarger Operator
	7435-13	Photographic Film Manufacturing Operator
	7435-13	Silver Recovery Operator
	7499-11	Tobacco Technical Operator
	7499-13	Cigarette Making Machine Operator
	7499-15	Dry Cleaning Machine Operator
	7499-17	Folding Machine Operator
	7499-17	Laundry Machine Operator

KEYWORD	CODE	TITLE
	7499-19	Military Weapons Operator
	8203-15	Landing Operator (Logging)
OPERATOR-ASSEMBLER	5201-13	Keyboard Operator-Assembler
OPERATORS	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	5105-01	Supervisor, Word Processing Operators
	5201-01	Supervisor, Data Processing Machine Operators
	5203-01	Supervisor, Bookkeeping Machine Operators
	5203-01	Supervisor, Business Machine Operators
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7207-01	Supervisor, Paving and Surfacing Plant Operators
	7301-01	Supervisor, Power Generation Plant Operators
	7305-01	Supervisor, Chemical Pilot Plant Operators
	7305-01	Supervisor, Chemical Plant Operators
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7311-01	Supervisor, Crane Operators
	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7315-01	Supervisor, Blast Furnace Operators
	7315-01	Supervisor, Furnace and Kiln Operators
	7315-01	Supervisor, Roasting Plant Operators
	7315-01	Supervisor, Smelting Plant Operators
	7317-01	Supervisor, Drilling Plant Operators
	7399-01	Supervisor, Other Stationary Plant Operators
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7405-11	Other Metal Products Machine Operators
	7407-01	Supervisor, Plastics Production Machine Operators
	7409-01	Supervisor, Rubber Production Machine Operators
	7411-01	Supervisor, Chemical Production Machine Operators
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7413-01	Supervisor, Plywood Making Machine Operators
	7413-01	Supervisor, Saw Operators
	7413-01	Supervisor, Wood Processing Machine Operators
	7415-01	Supervisor, Paper and Paper Products Machine Operators
	7417-01	Supervisor, Glass Furnace Operators
	7417-01	Supervisor, Glass Production Machine Operators
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-01	Supervisor, Fibre Cement Machine Operators
	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-01	Supervisor, Yarn Production Machine Operators
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7425-01	Supervisor, Fabric Production Machine Operators
	7431-01	Supervisor, Food Processing Machine Operators
	7431-99	Food Processing Machine Operators nec
	7433-01	Supervisor, Packaging Machine Operators
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-01	Supervisor, Photographic Products Machine Operators
	7499-01	Supervisor, Other Machine Operators
OPHTHALMIC	2303-35	Ophthalmic Surgeon
	4999-13	Ophthalmic Lens Surfacar and Fitter
OPHTHALMOLOGIST	2303-17	Ophthalmologist
OPTICAL	4999-13	Optical Dispenser
	4999-13	Optical Mechanic
	4999-13	Optical Technician
	4999-91	Apprentice Optical Mechanic
OPTICS	3103-19	Optics Technical Officer

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KEYWORD	CODE	TITLE
OPTOMETRIST	2311-11	Optometrist
ORAL	2305-13	Oral Pathologist
	2305-13	Oral Surgeon
	3101-15	Oral Therapist
ORCHARDIST	1401-31	Orchardist
ORCHESTRA	2815-11	Orchestra Conductor
ORCHESTRATOR	2815-99	Orchestrator
ORDER	5505-15	Mail Order Clerk
	5505-15	Order Clerk
ORDERLY	5907-15	Court Orderly
	8921-11	Hospital Orderly
ORDNANCE	4999-29	Explosive Ordnance Demolition Technician
ORE	7309-11	Ore Stacker Operator
	7315-15	Ore Roaster Operator
	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Ore and Stone Crusher Operator
	7399-11	Ore Separator Operator
	7399-11	Ore Treating Solution Operator
	8415-15	Mineral Ore Processing Labourer
ORGANISATION	1309-11	Organisation and Methods Manager
	2799-15	Organisation and Methods Analyst
ORGANISATIONAL	2903-15	Organisational Psychologist
ORGANISER	2799-13	Trade Union Organiser
ORTHODONTIC	4999-11	Orthodontic Technician
ORTHODONTIST	2305-13	Orthodontist
ORTHOPAEDIC	2303-19	Orthopaedic Specialist
	2303-19	Orthopaedic Surgeon
	2303-39	Orthopaedic Rehabilitation Specialist
ORTHOPTIST	2399-15	Orthoptist
ORTHOTICS	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
ORTHOTIST	2399-99	Orthotist
OSTEOPATH	2317-13	Osteopath
OTORHINOLARYNGOLOGICAL	2303-35	Otorhinolaryngological Surgeon
OTORHINOLARYNGOLOGIST	2303-31	Otorhinolaryngologist
OUTBOARD	4601-13	Outboard Motor Mechanic
OUTLET	1501-11	Take Away Food Outlet Manager
OVERLOCKER	7427-11	Overlocker
OVERSEER	4929-01	Overseer, Shearing Shed
	5403-01	Overseer (Mails)
	8201-01	Farm Overseer
	8203-01	Forest Overseer
OXY-ACETYLENE	4205-19	Oxy-acetylene Welder-Cutter
OXYGEN	7315-11	Basic Oxygen Steelmaking Furnace Operator
OYSTER	1401-99	Oyster Farmer
	8199-39	Oyster Opener
	8201-99	Oyster Grower's Assistant

KEYWORD	CODE	TITLE
PACKAGE	2805-13	Package Designer
PACKAGING	7433-01 7433-99	Supervisor, Packaging Machine Operators Food Packaging Machine Operator
PACKER	8105-11 6105-13 8105-99 8105-99 8909-13	Meat Packer Fruit and Vegetable Packer Grocery Packer Shirt Packer Furniture Packer
PAEDIATRIC	2303-35 3401-99	Paediatric Surgeon Paediatric Nurse
PAEDIATRICIAN	2303-25	Paediatrician
PAEDODONTIST	2305-13	Paedodontist
PAGE	8903-11	Hotel Page
PAINT	7305-11 8199-23	Paint Maker Paint Factory Hand
PAINTER	2801-11 2801-99 4405-11 4405-11 4405-91 4605-11 4605-91 8101-13 8107-11	Painter (Artistic) Scene Painter (Performing Arts) Industrial Painter (Structures) Painter and Decorator Apprentice Painter, Decorator and Signwriter Vehicle Painter Apprentice Vehicle Painter Painter and Decorator's Assistant Industrial Spray Painter
PAINTERS	4405-01 4605-01	Supervisor, Painters, Decorators and Signwriters Supervisor, Vehicle Painters
PAINTING	2801-11	Artist (Painting)
PALAEONTOLOGY	3103-17	Paleontology Technician
PALLETISER	7433-99	Palletiser Operator
PAN	7431-13	Sugar Boiler and Pan Operator
PANEL	4603-01 4603-11 4603-91 4901-11	Supervisor, Panel Beaters Panel Beater Apprentice Panel Beater Panel Saw Operator
PANTRYMAID/MAN	8919-11	Pantrymaid/man
PAPER	4507-11 6201-23 7399-15 7415-01 7415-13 7415-15 7435-13 8199-17 8199-17	Paper Guillotine Operator (Bookbinding) Sales Representative (Books and Paper Products) Paper Pulp Preparation Plant Operator Supervisor, Paper and Paper Products Machine Operators Paper Rewinder Operator Paper Products Machine Operator Photographic Paper Cutter Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer
PAPERBOARD	7415-11	Paperboard Machine Operator
PAPERHANGER	4405-13	Paperhanger
PAPERMAKING	7415-11 7415-13 7415-13 8199-17 8199-17	Wet End Papermaking Machine Operator Dry End Papermaking Machine Operator Supercalender Operator (Papermaking) Pulp, Papermaking and Paper Products Factory Hand Pulp, Papermaking and Paper Products Labourer
PARACHUTE	4999-27	Parachute Rigger
PARAMEDIC	3909-11	Ambulance Paramedic

P

KEYWORD	CODE	TITLE
PARASITOLOGIST	2107-23 2107-99	Veterinary Parasitologist Parasitologist
PARENT	6601-17 6601-17 6601-17	Cottage Parent Hostel Parent House Parent
PARK	1505-13 3999-31 3999-31 3999-31 8999-99	Caravan Park Manager Park Ranger Park Superintendent Park Warden Car Park Attendant
PARKING	5999-99 8999-99	Parking Inspector Parking Meter Collector
PARLIAMENT	1101-11	Member of Parliament
PARLIAMENTARY	2605-99	Parliamentary Counsel
PARLOUR	1599-99	Beauty Parlour Manager
PAROLE	3901-13	Parole Officer
PARTICLEBOARD	7399-17 7413-23 8199-15	Wood Chipping and Particleboard Plant Operator Particleboard Laminator Operator Particleboard Factory Hand
PARTS	6301-25 6301-25 8999-27	Automotive Parts Interpreter Sales Assistant (Vehicle Parts and Accessories) Automotive Parts Recycler
PASSENGER	6405-11	Airline Traffic Officer (Passenger Services)
PASTA	7431-11	Pasta Maker
PASTE-UP	3999-17	Paste-up Artist
PASTRYCOOK	4703-11 4703-91	Pastrycook Apprentice Baker and Pastrycook
PASTRYCOOKS	4703-01	Supervisor, Bakers and Pastrycooks
PASTURE	1401-11 1401-11	Grain, Oilseed and Pasture Farm Manager Grain, Oilseed and Pasture Grower
PATENT	2999-99	Patent Examiner
PATHOLOGIST	2107-19 2107-23 2107-23 2303-37 2305-13 2315-11	Plant Pathologist Insect Pathologist Veterinary Pathologist Pathologist Oral Pathologist Speech Pathologist
PATHOLOGY	3103-27	Plant Pathology Technician
PATROL	8911-11 8911-13	Railway Patrol Officer Security Patrol Officer
PATROLMAN/WOMAN	3905-99 8413-11	Patrolman/woman (Utilities) Railway Track Patrolman/woman
PATTERNMAKER	4203-11 4207-11 4207-91 4401-13	Sheetmetal Patternmaker Metal Casting Patternmaker Apprentice Metal Casting Patternmaker Joinery Patternmaker
PATTERNMAKER-GRADER	4911-19	Patternmaker-Grader (Textiles)
PAVING	7207-01 7207-11 8409-01 8409-11	Supervisor, Paving and Surfacing Plant Operators Paving Plant Operator Supervisor, Paving and Surfacing Labourers Paving and Surfacing Labourer

KEYWORD	CODE	TITLE
PAY	5301-15	Pay Clerk
PAYMASTER/MISTRESS	5301-15	Paymaster/mistress
PAYROLL	5301-01	Supervisor, Payroll Clerks
	5301-15	Payroll Clerk
PEARL	4999-23	Pearl Diver
PEARLING	3305-11	Pearling Skipper
PEDOLOGIST	2199-13	Pedologist
PEELING	7431-99	Fruit and Vegetable Peeling Machine Operator
PELLET	7315-15	Pellet Plant Operator
	8109-15	Iron Pellet Tester
PENCILLER	5999-17	Penciller
PENETRANT	3299-11	Dye Penetrant Testing Technician
PERFORMING	2801-99	Scene Painter (Performing Arts)
	3903-01	Supervisor, Performing Arts Support Workers
PERIODONTIST	2305-13	Periodontist
PERSON	3903-99	Continuity Person
	3903-99	Sound Effects Person
	3903-99	Special Effects Person
PERSONAL	5101-11	Personal Secretary
PERSONNEL	1309-11	Personnel and Industrial Relations Manager
	2705-11	Personnel Officer
	2999-99	Military Personnel Selection Assessor
	5905-11	Personnel Records Clerk
PEST	3905-99	Pest Control Inspector
	8999-13	Pest and Weed Controller
	8999-13	Pest Exterminator
PET	7431-99	Pet Food Processing Machine Operator
PETROCHEMICAL	2207-11	Petrochemical Process Engineer
PETROLEUM	2215-11	Mining Engineer (except Petroleum)
	2215-13	Petroleum Engineer
	4409-13	Liquid Petroleum Gasfitter
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7307-11	Petroleum and Gas Refining and Pumping Operator
	7307-11	Petroleum Blending Plant Operator
	7307-11	Petroleum Process Unit Operator
	7307-11	Petroleum Shipping Plant Operator
PETROPHYSICAL	2215-13	Petrophysical Engineer
PHARMACEUTICAL	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
	7305-11	Pharmaceutical Plant Operator
PHARMACEUTICALS	6201-35	Sales Representative (Pharmaceuticals)
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
PHARMACIST	2307-11	Hospital Pharmacist
	2307-13	Industrial Pharmacist
	2307-15	Community Pharmacist
	2307-15	Retail Pharmacist
PHARMACOLOGIST	2107-99	Pharmacologist (except Clinical)
	2303-99	Clinical Pharmacologist
PHONOGRAM	5603-11	Phonogram Operator
PHOTO	2205-13	Air Photo Plotter (Air Force)

P

KEYWORD	CODE	TITLE
	4503-11	Etcher-Finisher (Photo Engraving)
PHOTOCOPYING	5499-11	Photocopying and Duplicating Clerk
PHOTOGRAMMETRIC	2205-13	Photogrammetric Surveyor
PHOTOGRAMMETRIST	3207-15	Photogrammetrist
PHOTOGRAPH	3999-25	Photograph Retoucher
PHOTOGRAPHER	2803-11	Photographer
PHOTOGRAPHIC	3207-15	Photographic Interpreter (Air Force)
	3999-23	Photographic Studio Assistant
	3999-23	Photographic Studio Technician
	6201-99	Sales Representative (Photographic Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
	7435-01	Supervisor, Photographic Developers and Printers
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-01	Supervisor, Photographic Products Machine Operators
	7435-11	Photographic Developer and Printer
	7435-11	Photographic Enlarger Operator
	7435-11	Photographic Laboratory Assistant
	7435-13	Photographic Film Manufacturing Operator
	7435-13	Photographic Paper Cutter
PHOTOGRAPHY	2811-17	Director of Photography
PHYSICAL	2103-13	Physical Oceanographer
	2109-13	Clinical Physical Scientist
	2217-13	Physical Metallurgist
	2505-99	Physical Fitness Instructor
	2807-13	Physical Geographer
PHYSICIAN	2303-41	Specialist Physician
PHYSICIST	2105-11	Chief Physicist
	2105-11	Physicist
	2109-13	Medical Physicist
PHYSICS	3103-19	Physics Technical Officer
	3103-21	Physics Technician
PHYSIOLOGIST	2107-13	Physiologist
	2107-19	Plant Physiologist
PHYSIOTHERAPIST	2313-11	Physiotherapist
PIANO	4925-11	Piano Tuner
	4925-91	Apprentice Piano Tuner
PICKER	7311-11	Cherry Picker Operator
	8201-13	Fruit, Vegetable and Nut Picker
PICKING	7209-11	Cotton Picking Machine Operator
PICKLER	7431-19	Meat Pickler
	8201-99	Seed Cleaner and Pickler
PICTURE	3903-13	Motion Picture Camera Operator
	4905-01	Supervisor, Picture Framers
	4905-13	Picture Frame Maker
	4905-13	Picture Framer
	4905-91	Apprentice Picture Framer
	4999-17	Motion Picture Projectionist
PIG	1401-23	Pig Breeder
	1401-23	Pig Farm Manager
	1401-23	Pig Farmer
PILOT	3301-11	Agricultural Pilot
	3301-11	Aircraft Pilot
	3301-11	Commercial Pilot
	3301-11	Helicopter Pilot

KEYWORD	CODE	TITLE
	3305-11	Marine Pilot
	3305-11	Ship's Pilot
	7305-01	Supervisor, Chemical Pilot Plant Operators
	7305-11	Pilot Plant Operator
PINPOINTER	4409-13	Pinpointer
PIPE	3205-13	Pipe Testing Technician
	4409-11	Pipe Fitter (Plumbing)
	4409-11	Pipe Joiner
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-15	Oil, Gas and Pipe Tester
	7419-11	Concrete Pipe Machine Operator
PIPELINE	3905-99	Pipeline Inspector
PIT	7201-01	Pit Supervisor
	7315-13	Soaking Pit Furnace Operator
	8415-11	Pit Crew Worker
PLAIN	3501-13	Plain Clothes Police Officer
PLANNER	2601-11	Social Planner and Administrator
	2907-11	Town Planner
	2907-11	Traffic and Transport Planner
	2907-11	Urban and Regional Planner
	4503-15	Retoucher and Planner (Printing)
PLANNING	3299-99	Production Planning Officer (Engineering)
PLANT	1305-11	Plant Manager
	2107-19	Plant Anatomist
	2107-19	Plant Morphologist
	2107-19	Plant Pathologist
	2107-19	Plant Physiologist
	2107-19	Plant Scientist
	2107-19	Plant Taxonomist
	3103-27	Plant Pathology Technician
	4103-11	Plant Mechanic
	4801-01	Supervisor, Plant Nursery
	4801-11	Plant Propagator
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7201-21	Open Cut Mining Plant Operator
	7201-23	Underground Plant Operator
	7201-91	Trainee Excavating and Earthmoving Plant Operator
	7205-11	Logging Plant Operator
	7207-01	Supervisor, Paving and Surfacing Plant Operators
	7207-11	Paving Plant Operator
	7301-01	Supervisor, Power Generation Plant Operators
	7301-11	Power Generation Plant Operator
	7303-11	Air-Conditioning Plant Operator
	7303-11	Refrigeration Plant Operator
	7305-01	Supervisor, Chemical Pilot Plant Operators
	7305-01	Supervisor, Chemical Plant Operators
	7305-11	Chemical Plant Operator
	7305-11	Pharmaceutical Plant Operator
	7305-11	Pilot Plant Operator
	7305-91	Trainee Chemical Plant Operator
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7307-11	Grease Manufacturing Plant Operator
	7307-11	Petroleum Blending Plant Operator
	7307-11	Petroleum Shipping Plant Operator
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7309-11	Bulk Materials Handling Plant Operator
	7315-01	Supervisor, Roasting Plant Operators
	7315-01	Supervisor, Smelting Plant Operators
	7315-15	Pellet Plant Operator
	7315-17	Crematorium Plant Operator

KEYWORD	CODE	TITLE
	7315-17	Incinerator Plant Operator
	7317-01	Supervisor, Drilling Plant Operators
	7317-11	Drilling Plant Operator
	7399-01	Supervisor, Other Stationary Plant Operators
	7399-11	Coal Preparation Plant Operator
	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Wash Plant Operator
	7399-15	Paper Pulp Preparation Plant Operator
	7399-17	Hardboard Plant Operator
	7399-17	Wood Chipping and Particleboard Plant Operator
	7399-21	Timber Treatment Plant Operator
	7399-27	Cement Production Plant Operator
	7399-29	Sewage Plant Operator
	7399-29	Water Supply and Treatment Plant Operator
	7399-33	Carbon Plant Worker
	7399-35	Concrete Batching Plant Operator
	7431-19	Fish Plant and Machinery Operator
	8199-11	Continuous Plant Galvaniser
	8199-19	Cement and Concrete Plant Labourer
	8199-23	Chemical Plant Labourer
	8199-23	Gas Plant Labourer
PLANTER	8203-13	Tree Planter
PLASMA	7405-11	Plasma Sprayer
PLASMA-ARC	4205-19	Plasma-arc Welder
PLASTER	4407-13	Fibrous Plaster Fixer
	4407-13	Fibrous Plaster Setter
	7419-19	Fibrous Plaster Maker
PLASTERBOARD	4407-13	Plasterboard Fixer
	7419-19	Plasterboard Maker
PLASTERER	4407-11	Cement Plasterer
	4407-11	Solid Plasterer
	4407-13	Fibrous Plasterer
	4407-91	Apprentice Plasterer
PLASTERER'S	8101-13	Plasterer's Assistant
PLASTERERS	4407-01	Supervisor, Plasterers
PLASTIC	2303-35	Plastic and Reconstructive Surgeon
	4101-11	Plastic Mould Maker
	8199-25	Plastic Sheet Fabricator
PLASTICS	7407-01	Supervisor, Plastics Production Machine Operators
	7407-11	Cellular Plastics Machine Setter
	7407-11	Plastics Extruding Machine Setter
	7407-11	Plastics Moulding Machine Setter
	7407-11	Plastics Production Machine Setter
	7407-13	Plastics Extruding Machine Operator
	7407-15	Plastics Moulding Machine Operator
	7407-17	Cellular Plastics Machine Operator
	7407-17	Plastics Foam Machine Operator
	7407-19	Plastics Sheet Press Operator
	7407-21	Plastics Blending Machine Operator
	7407-21	Powder Hand (Plastics)
	7407-23	Gun Hand (Plastics)
	8199-25	Cellular Plastics Cutter
	8199-25	Mould Hand (Plastics)
	8199-25	Rubber and Plastics Factory Hand
	8199-25	Rubber and Plastics Products Labourer
PLATE	4503-11	Flexographic Plate Maker
	4503-11	Gravure Plate Preparer
	4503-11	Letterpress Plate Maker
	4503-11	Lithographic Plate Preparer

KEYWORD	CODE	TITLE
	4503-11	Plate Maker(Printing)
	4503-11	Plate Preparer (Printing)
PLATER	4209-15	Metal Plater
	4209-15	Production Plater
	4209-17	Barrel Plater
PLAYWRIGHT	2809-11	Playwright
PLOTTER	2205-13	Air Photo Plotter (Air Force)
PLUMBER	4409-11	Plumber (General)
	4409-11	Roof Plumber
	4409-91	Apprentice Plumber
PLUMBER'S	8101-13	Plumber's Trades Assistant
PLUMBERS	4409-01	Supervisor, Plumbers
PLUMBING	3905-11	Plumbing and Drainage Inspector
	4409-11	Pipe Fitter (Plumbing)
PLYWOOD	7413-01	Supervisor, Plywood Making Machine Operators
	7413-21	Plywood and Veneer Repsiner
	7413-21	Plywood Centre Feeder
	7413-21	Plywood Centre Layer
	7413-21	Plywood Production Machine Operator
	8199-15	Plywood Factory Hand
POCKET	7427-13	Pocket Welt Machine Operator
PODIATRIST	2319-11	Podiatrist
POET	2809-11	Poet
POKER	4399-13	Poker Machine Servicer
	8999-15	Poker Machine Attendant
POLICE	1201-11	Police Commissioner
	1319-11	Commissioned Police Officer
	3501-01	Police Station Sergeant
	3501-01	Police Supervisor
	3501-13	Plain Clothes Police Officer
	4999-23	Police Diver
POLICEMAN/WOMAN	3501-11	Policeman/woman
POLICY	1313-11	Public Policy Manager
POLISHER	4209-11	Metal Polisher
	4209-91	Apprentice Metal Polisher
	4905-19	French Polisher
	4905-19	Furniture Polisher
	4923-13	Gem Cutter and Polisher
	4923-13	Opal Polisher
	7419-15	Stone Polisher
POLITICAL	2907-99	Political Scientist
POLLUTION	2199-11	Air Pollution Analyst
POLYMER	2217-15	Polymer Engineer
	2217-17	Polymer Scientist
POOL	8911-99	Pool Attendant
	8999-99	Pool Serviceperson
POPULAR	2815-15	Popular Singer
PORCELAIN	7419-17	Porcelain Turner
PORTAINER	7311-11	Portainer Operator
PORTER	8903-01	Head Porter
	8903-11	Luggage Porter

P

KEYWORD	CODE	TITLE
	8921-11	Hospital Porter
PORTERS	8903-01	Supervisor, Luggage Porters
POSTAL	3905-99	Postal Services Field Manager
	5809-11	Postal Clerk
	5809-13	Postal Officer
POSTMAN/WOMAN	5605-13	Postman/woman
POSTMASTER/MISTRESS	1599-15	Postmaster/mistress
POSTMEN/WOMEN	5605-01	Supervisor, Postmen/women
POT	7315-11	Pot Operator (Aluminium)
POTTER	4925-13	Potter
	4925-91	Apprentice Potter
POTTERS	4925-01	Supervisor, Potters
POULTRY	1401-25	Poultry Farm Manager
	1401-25	Poultry Farmer
	3103-31	Poultry Technician
	7431-19	Poultry Saws Operator
	8199-37	Poultry Boner
	8199-37	Poultry Process Worker
	8199-37	Poultry Slaughterman/woman
	8201-99	Poultry Farm Hand
POURER	7401-13	Metal Pourer
POWDER	4909-11	Powder Monkey
	7407-21	Powder Hand (Plastics)
	8101-99	Powder Monkey's Assistant
POWER	2211-11	Electrical Power Engineer
	7301-01	Supervisor, Power Generation Plant Operators
	7301-11	Power Generation Plant Operator
	7301-11	Power Generation Turbine Room Operator
	7317-11	Power Tong Operator
	8101-15	Electrical Power Linesman/woman's Assistant
POWERLINE	4301-01	Supervisor, Electrical Powerline Tradespersons
	4301-91	Apprentice Electrical Powerline Tradesperson
PRACTITIONER	2301-11	General Medical Practitioner
PRAWNER	8925-13	Prawner
PRE-CAST	7419-11	Concrete Pre-cast Moulder
PRE-PRIMARY	2401-11	Pre-Primary School Teacher
PRE-SCHOOL	2401-11	Pre-School Director
	2401-11	Pre-School Teacher
	2905-13	Pre-School Adviser
	6601-11	Pre-School Aide
PRECIOUS	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4923-15	Precious Metal Smith
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
PRECISION	4213-01	Supervisor, Precision Metal Tradespersons
	4213-11	Precision Instrument Maker and Repairer
	4213-91	Apprentice Precision Metal Tradesperson
PREHISTORIAN	2907-99	Prehistorian
PREMIER	1101-11	Premier
PREMIX	7399-35	Premix Concrete Batcher
PREPARATION	7399-11	Coal Preparation Plant Operator
	7399-15	Paper Pulp Preparation Plant Operator

KEYWORD	CODE	TITLE
PREPARER	4503-11	Gravure Plate Preparer
	4503-11	Lithographic Plate Preparer
	4503-11	Plate Preparer (Printing)
	4503-13	Cylinder Preparer (Printing)
	4503-15	Image Preparer (Printing)
	4511-11	Screen Printing Stencil Preparer
	7413-15	Log Preparer
PRESS	2703-11	Press Officer
	4505-17	Newspaper Press Machinist (Metropolitan)
	7399-17	Hardboard Press Operator
	7399-33	Anode Press Operator
	7399-33	Rodding Press Operator
	7401-17	Metal Extrusion Press Operator
	7403-11	Metal Press Operator
	7407-19	Plastics Sheet Press Operator
	7413-23	Wood Laminating Press Operator
	8199-29	Newspaper Press General Hand
PRESS-TOOL	4101-11	Press-Tool Maker
PRESSER	8201-15	Wool Presser
	8917-11	Clothing Presser
PRESSURE	3299-11	Pressure Testing Technician
	3905-13	Boilers and Pressure Vessels Inspector
	4205-15	Pressure Welder
PRESSURISED	7499-99	Pressurised Container Filler
PREVENTION	7211-11	Fire Prevention Officer
PRIEST	2607-11	Priest
PRIMARY	2217-11	Primary Metallurgist
	2403-11	Junior Primary School Teacher
	2403-11	Primary School Teacher
	2403-11	Primary Teacher-Librarian
	3905-15	Primary Products Inspector
PRIME	1101-11	Prime Minister
PRINCIPAL	1317-11	School Principal
	2207-11	Principal Chemical Engineer
PRINT	7435-11	Print Finisher
PRINTED	3201-17	Printed Circuit Board Designer
PRINTER	4511-11	Screen Printer
	4511-91	Apprentice Screen Printer
	7435-11	Photographic Developer and Printer
PRINTERS	4511-01	Supervisor, Screen Printers
	7435-01	Supervisor, Photographic Developers and Printers
PRINTING	4503-11	Plate Maker(Printing)
	4503-11	Plate Preparer (Printing)
	4503-11	Proofer-Finisher (Printing)
	4503-13	Cylinder Preparer (Printing)
	4503-13	Proofer (Printing)
	4503-15	Electronic Scanner Operator (Printing)
	4503-15	Image Preparer (Printing)
	4503-15	Process Camera Operator (Printing)
	4503-15	Retoucher and Planner (Printing)
	4505-01	Supervisor, Printing Machinists
	4505-11	Letterpress Printing Machinist
	4505-13	Lithographic Printing Machinist
	4505-15	Flexographic or Gravure Printing Machinist
	4505-19	Small Offset Printing Machinist
	4505-91	Apprentice Printing Machinist
	4511-11	Screen Printing Stencil Preparer

P

KEYWORD	CODE	TITLE
	6201-99	Sales Representative (Printing)
	7423-11	Leather Printing Operator
	7499-21	Printing Bindery Assistant
	7499-23	Printing Table Hand
	8199-29	General Hand (Printing)
	8199-29	Printing Machine Assistant
PRINTMAKER	2801-99	Printmaker
PRISON	3911-01	Chief Prison Officer
	3911-11	Prison Officer
PRIVATE	2505-11	Art Teacher (Private)
	2505-13	Music Teacher (Private)
	2505-13	Singing Teacher (Private)
	2505-15	Dance Teacher (Private)
	2505-17	Drama Teacher (Private)
	2505-99	Dressmaking Teacher (Private)
	2505-99	Handicrafts Teacher (Private)
	3999-99	Private Detective
PROBATION	3901-13	Probation Officer
PROCEDURES	2799-15	Procedures Analyst
PROCESS	2207-11	Petrochemical Process Engineer
	2211-13	Process Control Engineer
	3103-11	Chemical Process Analyst
	3201-15	Process Control Technical Officer
	3201-17	Process Control Technician
	4503-15	Process Camera Operator (Printing)
	7307-11	Petroleum Process Unit Operator
	8199-31	Glassware Process Assistant
	8199-37	Poultry Process Worker
	8199-39	Fish Process Worker
	8199-45	Egg Process Worker
PROCESSING	1311-11	Data Processing Manager
	1311-11	Operations Manager (Data Processing)
	1311-11	Systems Manager (Data Processing)
	5105-01	Supervisor, Word Processing Operators
	5105-11	Word Processing Operator
	5201-01	Supervisor, Data Processing Machine Operators
	5201-13	Data Processing Operator
	7399-99	Oilseed Processing Operator
	7413-01	Supervisor, Wood Processing Machine Operators
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-15	Stone Processing Machine Operator
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7423-11	Hide and Skin Processing Machine Operator
	7431-01	Supervisor, Food Processing Machine Operators
	7431-11	Food Processing Extruder Operator
	7431-11	Grain and Cereal Processing Machine Operator
	7431-13	Centrifuge Operator (Sugar Processing)
	7431-13	Evaporator Boiler (Sugar Processing)
	7431-13	Sugar Processing Machine Operator
	7431-19	Meat and Fish Processing Machine Operator
	7431-27	Food Processing Autoclave Operator
	7431-27	Food Processing Retort Operator
	7431-99	Food Processing Machine Operators nec
	7431-99	Pet Food Processing Machine Operator
	8199-11	Metal Processing and Finishing Factory Hand
	8199-11	Metal Processing and Finishing Labourer
	8199-11	Metal Processing Marker
	8199-21	Clay Processing Factory Hand
	8199-21	Clay Processing Labourer
	8199-27	Hide and Skin Processing Labourer
	8199-43	Milk Processing Worker
	8415-15	Mineral Ore Processing Labourer

KEYWORD	CODE	TITLE
PROCUREMENT	1307-11	Procurement Manager
	5505-13	Procurement Clerk
PRODUCE	3905-15	Dairy Produce Inspector
PRODUCER	1305-13	Executive Producer
	1305-13	Producer (Media)
	1305-13	Television Producer
	1401-25	Chicken Meat Producer
	1401-25	Egg Producer
	2811-25	Technical Producer
PRODUCT	7435-11	Negative Producer and Cutter
	2219-99	Product Design Engineer
	2805-15	Product Designer
	8109-11	Product Grader
	8109-13	Product Examiner
	8109-15	Product Tester
PRODUCTION	8109-15	Product Testing Assistant
	8109-17	Product Weigher
	1305-11	Production Manager (Manufacturing and Mining)
	3299-99	Production Planning Officer (Engineering)
	3903-01	Supervising Technician, TV Production Operations
	4209-15	Production Plater
PRODUCTS	5501-01	Supervisor, Production Recording Clerks
	5501-11	Production Scheduling Clerk
	5501-13	Production Recorder
	5501-13	Production Tally Clerk
	7305-11	Industrial Gas Production Operator
	7307-15	Oil and Gas Production Testing Operator
	7399-27	Cement Production Plant Operator
	7407-01	Supervisor, Plastics Production Machine Operators
	7407-11	Plastics Production Machine Setter
	7409-01	Supervisor, Rubber Production Machine Operators
	7409-11	Tyre Production Machine Operator
	7411-01	Supervisor, Chemical Production Machine Operators
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
	7411-13	Explosives Production Machine Operator
	7413-19	Veneer Production Machine Operator
	7413-21	Plywood Production Machine Operator
	7417-01	Supervisor, Glass Production Machine Operators
	7417-11	Glass Production Machine Operator
	7421-01	Supervisor, Yarn Production Machine Operators
	7425-01	Supervisor, Fabric Production Machine Operators
	3905-15	Primary Products Inspector
	6201-11	Sales Representative (Chemical Products)
	6201-23	Sales Representative (Books and Paper Products)
	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	6301-15	Sales Assistant (Food and Drink Products)
	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
	7315-15	Clay Products Kiln Operator
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7405-11	Other Metal Products Machine Operators
	7415-01	Supervisor, Paper and Paper Products Machine Operators
	7415-15	Paper Products Machine Operator
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-11	Concrete Products Machine Operator
	7419-13	Clay Products Machine Operator
	7425-21	Textile Products Mender
	7431-21	Dried Milk Products Maker
	7435-01	Supervisor, Photographic Products Machine Operators
	8103-11	Metal and Metal Products Assembler
	8103-17	Wood Products Assembler

P

KEYWORD	CODE	TITLE
	8109-13	Metal Products Viewer
	8199-15	Wood and Wood Products Factory Hand
	8199-15	Wood and Wood Products Labourer
	8199-17	Pulp, Papermaking and Paper Products Factory Hand
	8199-17	Pulp, Papermaking and Paper Products Labourer
	8199-25	Rubber and Plastics Products Labourer
PROFESSIONAL	1601-13	Professional Builder
PROFESSOR	2501-11	Professor
PROFILE	4901-11	Automatic Profile Sander Operator
PROGRAM	4901-11	Program Router Cutter
	8901-13	Program Seller
PROGRAMME	5501-11	Programme Arranger
PROGRAMMER	2707-11	Applications Programmer
	2707-13	Communications Programmer
	2707-13	Database Programmer
	2707-13	Software Programmer
	2707-13	Systems Programmer
	2707-1F	Analyst Programmer
PROJECTIONIST	3903-11	Dubbing Projectionist (Sound Mixing)
	4999-17	Motion Picture Projectionist
PROMOTIONS	2703-11	Promotions Officer
PROOF	5999-13	Proof Reader
PROOFER	4503-13	Proofer (Printing)
PROOFER-FINISHER	4503-11	Proofer-Finisher (Printing)
PROP	4401-11	Prop and Scenery Maker
PROPAGATOR	4801-11	Plant Propagator
PROPERTIES	6101-99	Properties Investment Manager
PROPERTY	6105-13	Real Estate Property Manager
PROSPECTING	3103-17	Gravity Prospecting Observer
	3103-17	Seismic Prospecting Observer
PROSPECTOR	8415-11	Prospector
PROSTHETICS	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
PROSTHETIST	2399-99	Prosthetist
	4999-11	Dental Prosthetist
PROSTHODONTIST	2305-13	Prosthodontist
PROSTITUTE	6699-99	Prostitute
PROTECTIVE	8911-13	Protective Service Officer
PROTEIN	2107-15	Protein Chemist
PROTHONOTARY	2999-99	Prothonotary
PSYCHIATRIC	3401-19	Registered Psychiatric Nurse
	3401-91	Student Registered Psychiatric Nurse
PSYCHIATRIST	2303-21	Psychiatrist
PSYCHOLOGIST	2903-11	Clinical Psychologist
	2903-13	Educational Psychologist
	2903-13	School Psychologist
	2903-15	Industrial Psychologist
	2903-15	Military Psychologist
	2903-15	Occupational Psychologist
	2903-15	Organisational Psychologist
	2903-15	Sports Psychologist

KEYWORD	CODE	TITLE
PUBLIC	1313-11	Public Policy Manager
	1313-11	Public Service Manager
	1313-11	Section Head (Public Service)
	2703-11	Information Officer (Public Relations)
	2703-11	Public Relations Officer
	8999-99	Public Telephone Money Collector
PUBLICAN	1505-11	Publican
PUBLICATION	2805-13	Publication Designer
PUBLICITY	2703-11	Publicity Officer
PULP	7399-15	Paper Pulp Preparation Plant Operator
	8199-17	Pulp, Papermaking and Paper Products Factory Hand
	8199-17	Pulp, Papermaking and Paper Products Labourer
PUMP	7307-13	Well Treatment Pump Operator
	7399-23	Concrete Pump Operator
PUMPING	7307-11	Petroleum and Gas Refining and Pumping Operator
PUPPETEER	2817-99	Puppeteer
PURCHASING	1307-11	Purchasing Manager
	3913-11	Purchasing Officer
	5505-01	Supervisor, Stock and Purchasing Clerks
	5505-13	Purchasing Clerk
PURSER	3999-99	Ship's Purser
	6609-01	Aircraft Purser
PYROMETALLURGICAL	2217-11	Pyrometallurgical Engineer

Q

KEYWORD	CODE	TITLE
QUALIFIED	4705-13	Qualified Cook
QUALITY	1305-11	Quality Control Manager
	2199-11	Water Quality Analyst
	2217-13	Quality Control Metallurgist
	3905-21	Water Quality Inspector
	8109-13	Quality Control Inspector
QUANTITY	2203-11	Quantity Surveyor
QUARANTINE	3905-15	Quarantine Inspector
QUARRY	8415-11	Quarry Labourer
QUARTERMASTER	7499-19	Quartermaster Gunner
QUEEN'S	2605-11	Queen's Counsel

KEYWORD	CODE	TITLE
RABBI	2607-11	Rabbi
RACE	3915-17	Race Steward
RACECOURSE	3915-17	Racecourse Official
RACING	3915-17	Handicapper (Racing)
	3915-17	Horse Racing Judge
RADAR	3999-99	Radar Operator
RADIAL	4103-13	Radial Driller (Metal)
RADIATION	2303-23	Radiation Oncologist
RADIO	2211-13	Radio Engineer
	2807-13	Radio Journalist
	2811-23	Director (Radio or Television)
	3201-15	Radio Maintenance Officer
	3303-19	Airworthiness Surveyor (Radio)
	3903-01	Supervising Technician, Radio Operations
	3999-11	Radio Operator
	3999-11	Radio Telegraphist
	4211-17	Aircraft Ground Engineer (Radio)
	4211-17	Aircraft Maintenance Engineer (Radio)
	4211-17	Aircraft Mechanic (Radio)
	4211-17	Examiner of Aircraft Radio
	4211-17	Licensed Aircraft Maintenance Engineer (Radio)
	4311-15	Radio Lineman/woman
	4313-01	Supervisor, Radio and Television Servicers
	4313-11	Radio and Television Repairer
	4313-11	Radio and Television Servicer
	4313-11	Radio Mechanic
	4313-91	Apprentice Radio and Television Servicer
	5501-11	Radio Traffic Scheduler
	5503-15	Radio Despatcher
RADIOGRAPHER	2321-11	Medical Diagnostic Radiographer
	2321-13	Medical Therapeutic Radiographer
RADIOLOGICAL	2217-13	Radiological Metallurgist
RADIOLOGIST	2303-23	Diagnostic Radiologist
	2303-23	Radiologist
	2303-23	Therapeutic Radiologist
RAIL	7107-11	Rail Car Driver
	8909-11	Freight Handler (Road and Rail)
RAILWAY	1599-21	Railway Station Master/Mistress
	5503-99	Railway Number Taker
	6609-01	Senior Railway Steward
	6609-15	Railway Conductor (Sleeping Car)
	6609-15	Railway Steward
	7107-91	Railway Fireman/woman
	7299-11	Railway Track Repair Machine Operator
	7399-19	Railway Shunter
	7399-19	Railway Switching and Signalling Operator
	7399-19	Railway Yard Assistant
	8413-01	Supervisor, Railway Labourers
	8413-11	Railway Fitter
	8413-11	Railway Labourer
	8413-11	Railway Track Patrolman/woman
	8911-11	Railway Patrol Officer
	8911-11	Railway Security Guard
	8911-15	Railway Guard
	8999-25	Railway Station Assistant
	8999-99	Railway Crossing Attendant
RAISE	7317-11	Raise Drill Operator

R

KEYWORD	CODE	TITLE
RAISER	6501-15	Fund Raiser
RANGER	3999-31	Park Ranger
	3999-99	Forest Ranger
RANKS	1201-11	Air Force ranks above and including Air Commodore
	1201-11	Army ranks above and including Brigadier
	1201-11	Naval ranks above and including Commodore
RE-RECORDING	3903-11	Re-recording Mixer
REACH	7203-11	Reach Truck Driver
READER	2501-11	Reader
	5999-11	Meter Reader
	5999-13	Proof Reader
REAL	1599-17	Real Estate Agency Manager
	6105-11	Real Estate Sales Representative
	6105-11	Real Estate Salesperson
	6105-11	Real Estate Sub-agent
	6105-13	Real Estate Property Manager
RECEIVING	5503-11	Receiving and Despatching Clerk
RECEPTIONIST	5601-11	Receptionist
RECLAIMER	7309-11	Bucketwheel Reclaimer Operator
RECONSTRUCTIVE	2303-35	Plastic and Reconstructive Surgeon
RECORD	2799-11	Medical Record Administrator
	2799-11	Medical Record Librarian
RECORDER	3903-11	Video and Sound Recorder
	5501-13	Production Recorder
	8411-11	Survey Recorder
RECORDING	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	5501-01	Supervisor, Production Recording Clerks
	5503-01	Supervisor, Transport Recording and Despatching Clerks
RECORDIST	3903-11	Sound Recordist
RECORDS	5905-11	Personnel Records Clerk
	5999-11	Meter Records Clerk
RECOVERY	7299-99	Recovery Mechanic (Army)
	7435-13	Silver Recovery Operator
RECREATION	2999-17	Recreation Adviser
	2999-17	Recreation Officer
RECRUITMENT	2705-11	Recruitment Officer
RECYCLER	8999-27	Automotive Parts Recycler
REELED	7317-11	Reeled Tubing Operator
REFEREE	3915-19	Referee
REFINER	7399-31	Electrolytic Refiner
REFINING	7307-11	Petroleum and Gas Refining and Pumping Operator
REFRACTORY	4403-11	Refractory Bricklayer
REFRIGERATION	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
	4307-13	Refrigeration Fitter
	4307-13	Refrigeration Mechanic
	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
	7303-11	Refrigeration Plant Operator
REFUGE	6601-21	Refuge Worker
	6601-99	Child Care, Refuge and Related Workers nec

KEYWORD	CODE	TITLE
REGIMENTAL	3999-33	Regimental Sergeant Major
REGIONAL	1201-11	Regional Manager
	2907-11	Urban and Regional Planner
REGISTERED	3401-11	Registered General Nurse
	3401-13	Registered Community Health Nurse
	3401-15	Registered Midwife
	3401-17	Registered Mental Retardation Nurse
	3401-19	Registered Psychiatric Nurse
	3401-91	Student Registered Nurse
	3401-91	Student Registered Psychiatric Nurse
REGISTRAR	2999-99	Court Registrar
	2999-99	Industrial Registrar
REGISTRY	5401-13	Registry Clerk
REGULATORY	3905-01	Supervisor, Inspectors and Regulatory Officers
REHABILITATION	2303-39	Orthopaedic Rehabilitation Specialist
	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
	2303-39	Specialist in Rehabilitation Medicine
	2303-39	Spinal Injuries Rehabilitation Specialist
	2303-39	Vocational Rehabilitation Specialist
	2603-11	Rehabilitation Counsellor
RELATIONS	1309-11	Personnel and Industrial Relations Manager
	2703-11	Information Officer (Public Relations)
	2703-11	Public Relations Officer
	2799-13	Industrial Relations Officer
RELATIONSHIP	2603-13	Relationship Counsellor
RELAYS	3201-11	Relays Drafting Officer
RELIGION	2607-11	Minister of Religion
RELIGIOUS	1399-99	Religious Administrator
	2607-11	Religious Brother
	2607-11	Religious Sister
REMEDIAL	2407-11	Remedial Teacher
REMOTE	5201-13	Remote Computer Terminal Operator
REMOVALIST-DRIVER	7105-15	Furniture Removalist-Driver
REMOVALIST'S	8909-17	Furniture Removalist's Assistant
REMOVER	6699-15	Hair Remover
RENAL	2303-99	Renal Specialist
	3101-99	Renal Technician
RENDERER	4407-11	Cement Renderer
RENTAL	6599-17	Rental Clerk
	6599-17	Rental Salesperson
REPAIR	7299-11	Railway Track Repair Machine Operator
REPAIRER	4213-11	Camera Repairer
	4213-11	Precision Instrument Maker and Repairer
	4213-11	Scientific Instrument Maker and Repairer
	4213-13	Watch and Clock Maker and Repairer
	4213-17	Saw Maker and Repairer
	4213-91	Apprentice Saw Maker and Repairer
	4213-91	Apprentice Watch and Clock Repairer
	4313-11	Radio and Television Repairer
	4907-13	Boat Builder and Repairer
	4915-13	Shoe Repairer
	4915-91	Apprentice Shoemaker and Repairer
	4925-91	Apprentice Musical Instrument Maker and Repairer

R

KEYWORD	CODE	TITLE
	4925-99	Stringed Instrument Repairer
	7413-21	Plywood and Veneer Repairer
REPAIRERS	4925-01	Supervisor, Musical Instrument Makers and Repairers
REPAIRING	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
REPORTER	2807-13	Reporter
	5101-15	Court and Hansard Reporter
REPRESENTATIVE	5503-11	Circulation Representative
	6103-11	Life Assurance Representative
	6105-11	Real Estate Sales Representative
	6201-11	Sales Representative (Chemical Products)
	6201-13	Sales Representative (EDP Equipment)
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
	6201-17	Sales Representative (Communications Equipment)
	6201-17	Sales Representative (Electronic Equipment except EDP)
	6201-19	Sales Representative (Toys and Sporting Goods)
	6201-21	Sales Representative (Advertising)
	6201-21	Sales Representative (Business Services)
	6201-23	Sales Representative (Books and Paper Products)
	6201-25	Sales Representative (Builders' Hardware)
	6201-27	Sales Representative (Floor Coverings and Furniture)
	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	6201-31	Sales Representative (Household Goods and Domestic Hardware)
	6201-33	Sales Representative (Toiletries)
	6201-35	Sales Representative (Pharmaceuticals)
	6201-37	Sales Representative (Textiles, Clothing and Footwear)
	6201-99	Sales Representative (Jewellery and Watches)
	6201-99	Sales Representative (Musical Goods)
	6201-99	Sales Representative (Photographic Equipment and Supplies)
	6201-99	Sales Representative (Printing)
REPRODUCER	4903-11	Antique Furniture Reproducer
REPRODUCTION	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	4503-01	Supervisor, Graphic Reproduction Tradespersons
	4503-91	Apprentice Graphic Reproduction Tradesperson
	7435-11	Microfiche Reproduction Operator
RESAWYER	7413-13	Resawyer
RESCUE	3303-25	Air Observer (Rescue)
	3303-25	Aircraft Crewman/woman (Military and Rescue)
	3303-25	Helicopter Observer (Rescue)
RESEARCH	1399-13	Market Research Manager
	1399-13	Research and Development Manager
	1399-13	Research Manager
	2199-15	Research Meteorologist
	2907-99	Market Research Analyst
	2909-11	Operations Research Analyst
	2999-15	Research Workers nec
	3103-11	Chemical Research Technical Officer
	5999-19	Market Research Interviewer
RESERVATIONS	6405-11	Reservations Clerk
RESIDENTAL	3901-15	Residential Care Worker
RESORT	1505-11	Resort Manager
RESOURCE	2407-11	Resource Teacher
RESTAURANT	1503-11	Restaurant and Catering Managing Supervisor
RESTAURATEUR	1503-11	Restaurateur

KEYWORD	CODE	TITLE
RESTORER	4903-11	Antique Furniture Restorer
RETAIL	2307-15	Retail Pharmacist
	3913-15	Retail Buyer
RETARDATION	3401-17	Registered Mental Retardation Nurse
RETICULATION	3203-11	Sewage Reticulation Drafting Officer
RETORT	4403-11	Retort Setter (Bricklaying)
	7431-27	Food Processing Retort Operator
RETOUCHER	3999-25	Photograph Retoucher
	4503-15	Retoucher and Planner (Printing)
RETREADER	7409-11	Tyre Retreader
REVISER	4503-13	Cylinder Reviser
REWINDER	7415-13	Paper Rewinder Operator
RHEUMATOLOGIST	2303-99	Rheumatologist
RIDER	5605-11	Despatch Rider (Army)
RIFLEMAN	7499-19	Rifleman
RIG	7317-11	Service Rig Operator
RIGGER	4999-27	Parachute Rigger
	8405-13	Rigger (Construction)
RIGGER'S	8405-13	Rigger's Assistant
RING	4923-11	Ring Maker
RIPSAW	7413-13	Ripsaw Operator
ROAD	3203-11	Road Design Draftsperson
	7105-13	Road Train Driver
	7207-13	Road Roller Operator
	7299-99	Road Linemaker
	7299-99	Road Sweeper Operator
	8409-01	Road Ganger
	8409-11	Road Maintenance Worker
	8909-11	Freight Handler (Road and Rail)
ROASTER	7315-15	Ore Roaster Operator
ROASTING	7315-01	Supervisor, Roasting Plant Operators
ROCK	7201-29	Hydraulic Rock Breaker Operator
	7317-11	Rock Drill Operator
RODDING	7399-33	Rodding Press Operator
ROLL	7409-99	Rubber Roll Builder
ROLLER	7207-13	Road Roller Operator
	7399-13	Metal Roller
	7409-99	Rubber Roller Grinder Operator
ROLLING	4203-17	Sheetmetal Rolling Machine Operator
	7399-13	Metal Rolling Mill Operator
	7399-13	Rolling Mill Assistant
ROOF	4409-11	Roof Plumber
	4411-01	Supervisor, Roof Slaters and Tilers
	4411-11	Roof Fixer
	4411-11	Roof Shingler
	4411-11	Roof Slater and Tiler
	4411-91	Apprentice Roof Slater and Tiler
	8101-13	Roof Slater and Tiler's Assistant
	8415-11	Roof Bolter (Mining)
ROOM	4101-01	Supervisor, Tool Room

R

KEYWORD	CODE	TITLE
	6505-01	Dining Room Host/Hostess
	6505-15	Dining Room Attendant
	6599-13	Auction Room Attendant
	7301-11	Power Generation Turbine Room Operator
	7435-11	Dark Room Attendant
	8199-41	Bread Room Hand
ROPE	7425-19	Rope and Cord Making Machine Operator
ROSTER	5905-11	Roster Clerk
ROTARY	7209-13	Rotary Hoe Operator
	7317-11	Rotary Drill Operator
ROTATIONAL	7407-15	Rotational Moulding Machine Operator
ROUGHNECK	8415-13	Roughneck
ROUNDSMAN/WOMAN	2807-13	Roundsmen/woman (News)
ROUSEABOUT	8201-15	Rousesabout
ROUSTABOUT	8415-13	Roustabout
ROUTER	4901-11	Program Router Cutter
RUBBER	7409-01	Supervisor, Rubber Production Machine Operators
	7409-99	Rubber Knitting Machine Operator
	7409-99	Rubber Roll Builder
	7409-99	Rubber Roller Grinder Operator
	8199-25	Rubber and Plastics Factory Hand
	8199-25	Rubber and Plastics Products Labourer

KEYWORD	CODE	TITLE
SACK	7433-99	Sack and Bag Filler
SADDLER	4917-11	Saddler
SAFEMAKER	4213-15	Safemaker
SAFETY	1309-11	Occupational Health and Safety Manager
	2219-11	Air Safety Engineer
	2219-17	Safety Engineer
	3905-13	Safety Inspector
	3905-27	Corporate Safety Officer
	4999-27	Aircraft Safety Equipment Worker
SAILMAKER	4917-15	Sailmaker
	4917-91	Apprentice Sailmaker
SAILOR	8925-11	Sailor
SALES	1303-11	Sales and Marketing Manager
	6105-11	Real Estate Sales Representative
	6201-11	Sales Representative (Chemical Products)
	6201-13	Sales Representative (EDP Equipment)
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
	6201-17	Sales Representative (Communications Equipment)
	6201-17	Sales Representative (Electronic Equipment except EDP)
	6201-19	Sales Representative (Toys and Sporting Goods)
	6201-21	Sales Representative (Advertising)
	6201-21	Sales Representative (Business Services)
	6201-23	Sales Representative (Books and Paper Products)
	6201-25	Sales Representative (Builders' Hardware)
	6201-27	Sales Representative (Floor Coverings and Furniture)
	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	6201-31	Sales Representative (Household Goods and Domestic Hardware)
	6201-33	Sales Representative (Toiletries)
	6201-35	Sales Representative (Pharmaceuticals)
	6201-37	Sales Representative (Textiles, Clothing and Footwear)
	6201-89	Sales Representative (Jewellery and Watches)
	6201-89	Sales Representative (Musical Goods)
	6201-89	Sales Representative (Photographic Equipment and Supplies)
	6201-89	Sales Representative (Printing)
	6301-01	Sales Department Manager
	6301-01	Supervisor, Sales Assistants
	6301-11	Sales Assistant (Hardware and Gardening Supplies)
	6301-13	Sales Assistant (Fabrics, Clothing and Footwear)
	6301-15	Sales Assistant (Food and Drink Products)
	6301-17	Sales Assistant (Furniture, Floor Coverings and Household Goods)
	6301-19	Sales Assistant (Caravans and Motor Vehicles)
	6301-21	Sales Assistant (Office Supplies)
	6301-21	Sales Assistant (Stationery, Newspapers and Books)
	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
	6301-25	Sales Assistant (Tyres)
	6301-25	Sales Assistant (Vehicle Parts and Accessories)
	6301-99	Sales Assistant (EDP and Office Equipment)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
	6301-99	Sales Assistant (Sports Equipment and Toys)
	6301-99	Sales Assistant (Watches and Jewellery)
	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
	6599-15	Sales Demonstrator
SALESPERSON	6105-11	Real Estate Salesperson
	6501-13	Cash Van Salesperson
	6501-15	Door-to-Door Salesperson
	6599-17	Rental Salesperson
SALVAGE	8415-11	Salvage Miner

S

KEYWORD	CODE	TITLE
SALVATION	2607-11	Salvation Army Officer
SAMMYING	7423-11	Sammying Machine Operator
SAMPLE	4811-13	Apparel Sample Hand
	8109-15	Coal Sample Tester
SAMPLER	8415-11	Mine Sampler
SANDBLASTER	7499-99	Sandblaster
SANDER	4901-11	Automatic Profile Sander Operator
SATURATION	4999-19	Saturation Technician
	4999-21	Saturation Diver
SAUCE	7431-27	Fruit Conserve and Sauce Maker
SAW	4213-17	Saw Doctor
	4213-17	Saw Maker and Repairer
	4213-17	Saw Sharpener
	4213-91	Apprentice Saw Maker and Repairer
	4901-11	Panel Saw Operator
	7413-01	Supervisor, Saw Operators
	7413-13	Trim Saw Operator
SAWMILL	7413-15	Sawmill Docker
	7413-99	Sawmill Moulder Operator
	8199-13	Sawmill Labourer
SAWS	7431-19	Poultry Saws Operator
SAWYER	7413-11	Breakdown Sawyer
	7413-11	Head Sawyer
	7413-13	Cant Gang Sawyer
	7419-15	Stone Sawyer
SCAFFOLDER	8405-11	Scaffolder
SCALEMAKER	4213-11	Scalemaker and Adjuster
SCANNER	4503-15	Electronic Scanner Operator (Printing)
SCENE	2801-99	Scene Painter (Performing Arts)
SCENERY	4401-11	Prop and Scenery Maker
SCHEDULE	5501-11	Schedule Clerk
SCHEDULER	5501-11	Radio Traffic Scheduler
SCHEDULING	5501-11	Production Scheduling Clerk
SCHOOL	1317-11	School Principal
	2401-11	Pre-Primary School Teacher
	2403-01	Senior Teacher, Infant-Primary School
	2403-11	Infant School Teacher
	2403-11	Junior Primary School Teacher
	2403-11	Primary School Teacher
	2405-01	Senior Teacher, Secondary School
	2405-11	Secondary School Teacher
	2405-11	Secondary School Teacher-Librarian
	2503-01	Head of School (TAFE)
	2505-23	Ground School Instructor
	2903-13	School Psychologist
	2905-13	School Inspector
	2905-13	School Superintendent
	8301-13	School Cleaner
	8999-99	School Crossing Attendant
SCIENCE	3103-15	Earth Science Technical Officer
	3103-15	Soils Science Technical Officer
	3103-17	Earth Science Technician
	3103-17	Soil Science Technician

KEYWORD	CODE	TITLE
	3103-25	Life Science Technical Officer
	3103-27	Life Science Technician
SCIENTIFIC	4213-11	Scientific Instrument Maker and Repairer
SCIENTIST	2107-19	Horticultural Scientist
	2107-19	Plant Scientist
	2107-25	Forest Scientist
	2109-11	Clinical Laboratory Scientist
	2109-11	Medical Laboratory Scientist
	2109-13	Clinical Physical Scientist
	2189-11	Environmental Scientist
	2189-13	Soil Scientist
	2217-17	Ceramics Scientist
	2217-17	Materials Scientist
	2217-17	Polymer Scientist
	2707-23	Computer Scientist
	2907-99	Political Scientist
SCOURING	7421-15	Wool Scouring Operator
SCRAP	6501-11	Scrap Materials Buyer
	6501-11	Scrap Merchant
SCRAPER	7201-13	Scraper Operator (Earthmoving)
SCREEN	4511-01	Supervisor, Screen Printers
	4511-11	Screen Printer
	4511-11	Screen Printing Stencil Preparer
	4511-91	Apprentice Screen Printer
	8401-13	Shower Screen Installer
	8415-15	Screen and Loadout Attendant
SCREENSMAN/WOMAN	7431-11	Screensman/woman
SCREENWRITER	2809-11	Screenwriter
SCRIP	5303-13	Scrip Clerk (Stockbroking)
SCRIPT	2809-11	Script Writer
	2809-15	Script Editor
SCULPTOR	2801-13	Sculptor
SCYTHE	7209-13	Auto Scythe Operator
SEAGRASS	8299-99	Kelp and Seagrass Gatherer
SEAM	7317-11	Coal Seam Drill Operator
SEAMAN	3305-13	Seaman Officer (Navy)
SEAMAN/WOMAN	8925-11	Seaman/woman
SEAMSTRESS	4911-13	Seamstress
SEARCHER	5907-13	Title Searcher
SECOND	2407-99	Teacher of English as a Second Language
	4103-19	Metal Machinist (Second Class)
	4203-17	Sheetmetal Worker (Second Class)
	4205-19	Welder (Second Class)
	4209-15	Electroplater (Second Class)
SECONDARY	2217-13	Secondary Metallurgist
	2405-01	Senior Teacher, Secondary School
	2405-11	Secondary School Teacher
	2405-11	Secondary School Teacher-Librarian
SECRETARIES	5101-01	Supervisor, Office Secretaries and Stenographers
SECRETARY	1201-11	Trade Union Secretary
	1301-11	Company Secretary
	3999-99	Agricultural Secretary
	5101-11	Legal Secretary

S

KEYWORD	CODE	TITLE
	5101-11	Office Secretary
	5101-11	Personal Secretary
	5101-11	Stenographic Secretary
SECTION	1313-11	Section Head (Public Service)
SECURITIES	6101-11	Securities Dealer
SECURITY	2707-25	EDP Security Analyst
	8401-13	Security Door Installer
	8911-01	Supervisor, Guards and Security Officers
	8911-11	Railway Security Guard
	8911-13	Security Guard
	8911-13	Security Officer
	8911-13	Security Patrol Officer
SEED	1401-11	Seed Farmer
	8201-99	Seed Cleaner and Pickler
SEISMIC	3103-17	Seismic Prospecting Observer
	8411-11	Seismic Survey Assistant
SEISMOGRAPH	4909-11	Seismograph Shooter
SEISMOLOGIST	2103-13	Seismologist
SELECTION	2999-99	Military Personnel Selection Assessor
SELLER	6405-11	Ticket Seller
	8901-13	Program Seller
SEMI-TRAILER	7105-13	Semi-Trailer Driver
SENATOR	1101-11	Senator
SENIOR	2403-01	Senior Teacher, Infant-Primary School
	2405-01	Senior Teacher, Secondary School
	6609-01	Senior Flight Attendant
	6609-01	Senior Railway Steward
SEPARATION	3103-17	Mineral Separation Technician
SEPARATOR	7399-11	Ore Separator Operator
	8199-33	Offal Separator
SEPTIC	4409-15	Septic Tank Installer
SERGEANT	3501-01	Police Station Sergeant
	3999-33	Company Sergeant Major
	3999-33	Regimental Sergeant Major
SERVICE	1313-11	Public Service Manager
	1313-11	Section Head (Public Service)
	1501-11	Service Station Manager
	3303-13	Flight Service Officer
	3303-93	Trainee Flight Service Officer
	4103-11	Service Fitter
	5601-13	Customer Service Officer
	6403-11	Service Station Console Operator
	6505-11	Formal Service Waiter/Waitress
	6505-11	Silver Service Waiter/Waitress
	6599-19	Service Counter Clerk
	6599-21	Service Station Attendant
	7317-11	Service Rig Operator
	8911-13	Protective Service Officer
SERVICEMAN/WOMAN	4311-15	Telecommunications Line Serviceman/woman
SERVICEMAN/WOMAN-IN- TRAINING	4311-91	Telecommunications Line Serviceman/woman-in-Training
SERVICEPERSON	8921-13	Hospital Food Serviceperson
	8999-99	Pool Serviceperson

KEYWORD	CODE	TITLE
SERVICER	4303-13	Electrical Appliance Servicer
	4313-11	Radio and Television Servicer
	4313-91	Apprentice Radio and Television Servicer
	4315-11	Office Equipment Servicer
	4315-13	Computer Servicer
	4315-91	Apprentice Office Equipment and Computer Servicer
	4315-91	Trainee Office Equipment and Computer Servicer
	4399-13	Poker Machine Servicer
	4399-13	Vending Machine Servicer
SERVICERS	4313-01	Supervisor, Radio and Television Servicers
	4315-01	Supervisor, Office Equipment and Computer Servicers
SERVICES	3905-99	Postal Services Field Manager
	6201-21	Sales Representative (Business Services)
	6405-11	Airline Traffic Officer (Passenger Services)
SET	2805-13	Set Designer
SETTER	4103-13	Machine Setter (Metal)
	4103-17	Die Setter
	4403-11	Retort Setter (Bricklaying)
	4407-13	Fibrous Plaster Setter
	4901-11	Woodworking Machine Setter
	4923-11	Gem Setter
	7407-11	Cellular Plastics Machine Setter
	7407-11	Plastics Extruding Machine Setter
	7407-11	Plastics Moulding Machine Setter
	7407-11	Plastics Production Machine Setter
	7407-11	Thermoforming Machine Setter
	7415-15	Carton Cutting and Crease Forme Setter
SETTER-OUT	4401-13	Joinery Setter-out
SEWAGE	3203-11	Sewage Reticulation Drafting Officer
	7399-29	Sewage Plant Operator
SEWER	7427-13	Glove Sewer
SEWING	4103-11	Sewing Machine Mechanic
	4103-91	Apprentice Sewing Machine Mechanic
	7427-01	Supervisor, Textile Sewing Machinists
	7427-11	Textile Sewing Machinist (Single Needle)
	7427-13	Textile Sewing Machinist (Multi Needle)
SHACKLER	8199-33	Stunner and Shackler (Abattoir)
SHAFT	7317-11	Shaft Sinker
SHALLOW	4999-23	Shallow Water Diver
SHARPENER	4213-17	Saw Sharpener
	7405-11	Knife Sharpener
SHAVING	7423-11	Leather Splitting and Shaving Machine Operator
SHEARER	4929-11	Shearer
SHEARERS'	4705-99	Shearers' Cook
SHEARING	4929-01	Overseer, Shearing Shed
	4929-01	Shearing Contractor
	4929-03	Shearing Shed Expert
	8201-15	Shearing Shed Hand
SHEATHER	7407-25	Wire Sheather
SHEATHING	7407-25	Sheathing Extruder
SHED	4929-01	Overseer, Shearing Shed
	4929-03	Shearing Shed Expert
	8201-15	Shearing Shed Hand
SHEEP	1401-21	Sheep Farm Manager

S

KEYWORD	CODE	TITLE
	1401-21	Sheep Farmer
	1401-21	Sheep Station Manager
	1401-21	Sheep Stud Farmer
SHEET	7407-19	Plastics Sheet Press Operator
	8199-25	Plastic Sheet Fabricator
SHEETMETAL	4203-01	Supervisor, Sheetmetal Tradespersons
	4203-11	Sheetmetal Patternmaker
	4203-11	Sheetmetal Worker (First Class)
	4203-17	Sheetmetal Rolling Machine Operator
	4203-17	Sheetmetal Worker (Second Class)
	4203-91	Apprentice Sheetmetal Tradesperson
SHELF	8907-11	Shelf Stacker (Store)
SHERIFF	5907-99	Sheriff
SHERIFF'S	5907-99	Sheriff's Officer
SHIFT	7201-01	Shift Boss (Mining)
SHINGLER	4411-11	Roof Shingler
SHIP'S	3305-11	Merchant Ship's Captain
	3305-11	Ship's Captain
	3305-11	Ship's Master
	3305-11	Ship's Pilot
	3305-13	Ship's Mate
	3305-13	Ship's Navigating Officer
	3305-13	Ship's Officer
	3307-11	Ship's Engineer Officer
	3999-99	Ship's Purser
	4907-11	Ship's Carpenter
	4907-91	Apprentice Ship's Carpenter
SHIPBUILDING	3298-99	Shipbuilding Design Drafting Officer
SHIPPING	1307-11	Shipping Manager
	5503-11	Shipping Clerk
	7307-11	Petroleum Shipping Plant Operator
SHIPWRIGHT	4907-11	Shipwright
	4907-91	Apprentice Shipwright
SHIRT	8105-99	Shirt Packer
SHOE	4915-13	Shoe Repairer
SHOEMAKER	4915-11	Bespoke Shoemaker
	4915-11	Shoemaker
	4915-11	Surgical Shoemaker
	4915-91	Apprentice Shoemaker and Repairer
SHOEMAKING	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
	7429-11	Inker Machine Operator (Shoemaking)
	7429-11	Shoemaking Cementer
	7429-11	Shoemaking Finisher
	7429-11	Shoemaking Machine Operator
	7429-11	Shoemaking Table Hand
SHOOTER	4909-11	Seismograph Shooter
SHOOTER-TRAPPER	8299-11	Shooter-Trapper
SHOP	1501-11	Shop Manager
	4401-11	Shop Fitter
	6301-15	Bottle Shop Attendant
	6301-23	Chemist Shop Assistant
SHORTHAND-TYPIST	5101-13	Shorthand-Typist
SHOT	8101-99	Shot Firer's Assistant

KEYWORD	CODE	TITLE
SHOT-FIRER	4909-11	Shot-firer
SHOVEL	7201-21	Mining Shovel Operator
	7201-91	Shovel Greaser
	7201-91	Shovel Oiler
SHOWCARD	3999-17	Showcard Ticket Writer
SHOWER	8401-13	Shower Screen Installer
SHRINK	7433-99	Shrink Wrap Operator
SHUCKER	8925-13	Abalone Shucker
SHUNTER	7399-19	Railway Shunter
SIGNALLER	3999-99	Signaller (Defence Forces)
SIGNALLING	7399-19	Railway Switching and Signalling Operator
SIGNCRAFTSMAN/WOMAN	4405-15	Signcraftsman/woman
SIGNWRITER	4405-15	Signwriter
	4405-91	Apprentice Painter, Decorator and Signwriter
SIGNWRITER'S	8101-13	Signwriter's Assistant
SIGNWRITERS	4405-01	Supervisor, Painters, Decorators and Signwriters
SILVER	6505-11	Silver Service Waiter/Waitress
	7435-13	Silver Recovery Operator
SILVERER	4921-11	Glass Silverer
SILVERSMITH	4923-15	Silversmith
	4923-91	Apprentice Silversmith
SINGER	2815-13	Concert and Opera Singer
	2815-15	Popular Singer
	2815-99	Chorus Singer
SINGING	2505-13	Singing Teacher (Private)
SINGLE	7427-11	Textile Sewing Machinist (Single Needle)
SINKER	4101-11	Die Sinker
	7317-11	Shaft Sinker
	7317-11	Winze Sinker
SISTER	2607-11	Religious Sister
	3401-01	Charge Sister
SITTER	6801-15	Baby Sitter
SIZE-GRADING	7431-99	Food Size-grading Operator
SIZER	7425-11	Warp Sizer
SKIDDER	7205-11	Skidder Operator
SKIN	3913-13	Hide and Skin Buyer
	3999-37	Hide and Skin Classer
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7423-11	Hide and Skin Fleshing Machine Operator
	7423-11	Hide and Skin Processing Machine Operator
	8199-27	Hide and Skin Processing Labourer
SKINNER	8199-33	Animal Skinner
SKIPMAN/WOMAN	7313-11	Skipman/woman
SKIPPER	3305-11	Pearling Skipper
SLAB	8403-11	Concrete Slab Layer
SLASHER	7425-11	Textile Slasher
SLATER	4411-11	Roof Slater and Tiler

S

KEYWORD	CODE	TITLE
	4411-91	Apprentice Roof Slater and Tiler
	8101-13	Roof Slater and Tiler's Assistant
SLATERS	4411-01	Supervisor, Roof Slaters and Tilers
SLAUGHTERMAN/WOMAN	4701-15	Slaughterman/woman
	4701-91	Apprentice Slaughterman/woman
	8199-37	Poultry Slaughterman/woman
SLEEPER	8203-15	Sleeper Cutter
SLEEPING	6609-15	Railway Conductor (Sleeping Car)
SLICER	7413-19	Veneer Lathe and Slicer Operator
	8199-35	Meat Boner and Slicer
SLIDE	7435-11	Slide Developer
SLINGER	8499-13	Slinger
SMALL	4505-19	Small Offset Printing Machinist
	4801-13	Small Engine Mechanic
	4801-91	Apprentice Small Engine Mechanic
SMALLGOODS	4701-01	Supervisor, Smallgoods Makers
	4701-13	Smallgoods Maker
	4701-91	Apprentice Smallgoods Maker
	7431-19	Smallgoods Machine Operator
SMELTING	2207-11	Smelting Engineer
	7315-01	Supervisor, Smelting Plant Operators
	7315-11	Smelting Furnace Operator
SMITH	4201-11	Forging Smith
	4923-15	Precious Metal Smith
SMOKEHOUSE	7431-19	Fish Smokehouse Operator
	7431-19	Meat Smokehouse Operator
SMUTTERMAN/WOMAN	7431-11	Smutterman/woman
SNUBBING	7317-11	Snubbing Unit Operator
SOAKING	7315-13	Soaking Pit Furnace Operator
SOAP	7411-11	Soap Maker
SOCIAL	2601-11	Social Planner and Administrator
	2601-13	Community Social Worker
	2601-15	Social Case Worker
	3901-15	Social Worker Associate
SOCIETY	1507-11	Building Society Manager
SOCIOLOGIST	2907-99	Sociologist
SOFT	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7431-15	Soft Drink Mixer
SOFTWARE	2707-13	Software Programmer
	2707-19	Computer Systems Designer (Software)
	2707-19	Computer Systems Engineer (Software)
	2707-19	Software Engineer
SOFTWOOD	8203-11	Softwood Faller
SOIL	2107-23	Soil Zoologist
	2107-99	Soil Biologist
	2199-13	Soil Conservationist
	2199-13	Soil Scientist
	3103-17	Soil Science Technician
SOILS	3103-15	Soils Science Technical Officer
SOLDERER	4205-19	Solderer

KEYWORD	CODE	TITLE
SOLICITOR	2605-13	Solicitor
SOLID	4407-11	Solid Plasterer
SOLUTION	7399-11	Ore Treating Solution Operator
SONAR	3999-99	Sonar Operator
SONGWRITER	2815-19	Songwriter
SORTER	5403-11	Mail Sorter
	8917-11	Linen Sorter
SORTERS	5403-01	Supervisor, Mail Sorters
SORTING	5499-11	Other Filing, Sorting and Copying Clerks
SOUND	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-11	Dubbing Projectionist (Sound Mixing)
	3903-11	Sound Editor
	3903-11	Sound Mixer
	3903-11	Sound Recordist
	3903-11	Sound Technician
	3903-11	Video and Sound Recorder
	3903-99	Sound Effects Person
SOUS-CHEF	4705-11	Sous-Chef
SPECIAL	3903-99	Special Effects Person
	4205-17	Welder (Special Class)
	4309-13	Electrician (Special Class)
	6601-99	Special Teaching Assistant
SPECIALIST	2303-19	Orthopaedic Specialist
	2303-23	Nuclear Medicine Specialist
	2303-27	Cardiovascular Specialist
	2303-27	Thoracic Specialist
	2303-31	Ear, Nose and Throat Specialist
	2303-39	Orthopaedic Rehabilitation Specialist
	2303-39	Prosthetics and Orthotics Rehabilitation Specialist
	2303-39	Specialist in Rehabilitation Medicine
	2303-39	Spinal Injuries Rehabilitation Specialist
	2303-39	Vocational Rehabilitation Specialist
	2303-41	Infectious Diseases Specialist
	2303-41	Specialist Physician
	2303-99	Industrial Medicine Specialist
	2303-99	Occupational Medicine Specialist
	2303-99	Renal Specialist
	2305-13	Dental Specialist
	2399-99	Chinese Medicine Specialist
	7299-99	Specialist Vehicles Operator (Army)
SPECTROSCOPIC	3103-19	Spectroscopic Technical Officer
SPEECH	2315-11	Speech Pathologist
	2315-11	Speech Therapist
SPINAL	2303-39	Spinal Injuries Rehabilitation Specialist
	3401-99	Spinal Injuries Nurse
SPINNER	4203-15	Metal Spinner
	4203-91	Apprentice Metal Spinner
SPINNERS	4203-01	Supervisor, Metal Spinners
SPINNING	7421-11	Yarn Carding and Spinning Machine Operator
SPIRIT	7431-17	Spirit Blender
SPLICING	7413-19	Veneer Splicing Machine Operator
SPLITTER	8199-35	Carcass Splitter

S

KEYWORD	CODE	TITLE
SPLITTING	7423-11	Leather Splitting and Shaving Machine Operator
SPOOLER	7435-13	Film Spooler
SPORT	3915-11	Coach (Sport)
	3915-19	Linesman/woman (Sport)
SPORTING	4803-01	Sporting Facility Curator
	6201-19	Sales Representative (Toys and Sporting Goods)
SPORTS	1599-13	Sports Centre Administrator
	1599-13	Sports Centre Manager
	2505-99	Sports Instructor
	2903-15	Sports Psychologist
	3915-11	Sports Trainer
	6301-99	Sales Assistant (Sports Equipment and Toys)
SPORTSPERSONS	3915-15	Other Sportspersons
SPRAY	8107-11	Industrial Spray Painter
SPRAYER	7405-11	Metal Sprayer
	7405-11	Plasma Sprayer
	7405-11	Thermal Sprayer
SPRINGMAKER	4201-11	Springmaker
SPRINGMAKING	7405-11	Springmaking Machine Operator
SPRINKLER	4409-11	Sprinkler Fitter
	4409-91	Apprentice Sprinkler Fitter
STABLE	8201-11	Stable Hand
STACKER	7309-11	Ore Stacker Operator
	8199-13	Timber Stacker
	8907-11	Shelf Stacker (Store)
STAFF	2705-15	Staff Development Officer
STAGE	2811-11	Art Director (Television, Film or Stage)
	2811-15	Director (Film or Stage)
	2811-21	Stage Manager
	8999-99	Stage Assistant
STAGEHAND	8999-99	Stagehand
STAKING	7423-11	Staking Machine Operator
STAMP	5999-99	Stamp Classifier
STATION	1401-17	Beef Cattle Station Manager
	1401-21	Sheep Station Manager
	1501-11	Service Station Manager
	1599-21	Railway Station Master/Mistress
	1599-99	Stock and Station Agency Manager
	3501-01	Police Station Sergeant
	6403-11	Service Station Console Operator
	6599-21	Service Station Attendant
	7301-11	Hydro-electric Station Operator
	8201-11	Station Hand
	8999-25	Railway Station Assistant
STATIONARY	7303-11	Stationary Engine and Boiler Operator
	7399-01	Supervisor, Other Stationary Plant Operators
STATIONER	1501-11	Stationer
STATIONERY	6301-21	Sales Assistant (Stationery, Newspapers and Books)
STATISTICAL	5305-01	Supervisor, Statistical and Actuarial Clerks
	5305-11	Statistical Clerk
STATISTICIAN	2909-13	Mathematical Statistician
	2909-13	Statistician

KEYWORD	CODE	TITLE
STEEL	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4205-13	Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	7401-13	Teemer (Iron and Steel)
	8405-15	Steel Fixer
	8405-17	Structural Steel Erector
STEELMAKING	7315-11	Basic Oxygen Steelmaking Furnace Operator
STENCIL	4511-11	Screen Printing Stencil Preparer
STENOGRAPHER	5101-13	Office Stenographer
STENOGRAPHERS	5101-01	Supervisor, Office Secretaries and Stenographers
STENOGRAPHIC	5101-11	Stenographic Secretary
STEREOTYPER	4509-11	Stereotyper and Electrotypist
	4509-91	Apprentice Stereotyper and Electrotypist
STEREOTYPERS	4509-01	Supervisor, Stereotypers and Electrotypists
STEWARD	3915-17	Race Steward
	6609-01	Chief Marine Steward
	6609-01	Senior Railway Steward
	6609-13	Marine Steward
	6609-15	Railway Steward
	6699-99	Military Steward
STEWARD/STEWARDESS	6503-11	Bar Steward/Stewardess
	6505-13	Wine Steward/Stewardess
	6505-15	Food Steward/Stewardess
STEWARDS	6609-01	Supervisor, Travel Stewards
STICKER	8199-33	Abattoir Sticker
STOCK	1599-99	Stock and Station Agency Manager
	5505-01	Supervisor, Stock and Purchasing Clerks
	5505-11	Stock Clerk
	6101-11	Stock Exchange Dealer
	6101-11	Trading Floor Operator (Stock Exchange)
	7105-13	Stock Transport Driver
	7413-17	Timber Stock Cutter
STOCKBROKING	1599-99	Stockbroking Firm Manager
	5303-13	Scrip Clerk (Stockbroking)
	5303-13	Stockbroking Clerk
STOCKFEED	4799-11	Stockfeed Miller
	7431-11	Stockfeed Milling Machine Operator
STOCKMAN/WOMAN	8201-11	Stockman/woman
STONE	4999-15	Stone Fixer
	7399-11	Ore and Stone Crusher Operator
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-15	Stone Polisher
	7419-15	Stone Processing Machine Operator
	7419-15	Stone Sawyer
STONEMASON	4999-15	Stonemason
	4999-91	Apprentice Stonemason
STONEMASONRY	7419-15	Stonemasonry Mechanist
STOPE	4909-13	Stope Miner
STORE	1501-11	Hardware Store Manager
	8907-11	Shelf Stacker (Store)

S

KEYWORD	CODE	TITLE
STOREKEEPER	1501-11	General Storekeeper
STOREMAN/WOMAN	8907-11	Storeman/woman
STOREMEN/WOMEN	8907-01	Supervisor, Storemen/women
STORES	5505-11	Stores Clerk
	8907-11	Stores Assistant
	8907-11	Stores Despatch Hand
STRADDLE	7203-13	Straddle Carrier Operator
STRAPPER	8201-11	Strapper
STRAPPING	7433-99	Strapping Machine Attendant
STREAM	3905-25	Stream Control Officer
STREET	6501-01	Supervisor, Street Vendors, Canvasers and Sales Drivers
	6501-17	Street Vendor
STRESS	7413-99	Machine Stress Grader Operator
STRIKER	8101-11	Blacksmith's Striker
STRINGED	4925-99	Stringed Instrument Repairer
STRIPPER	8403-11	Concrete Formwork Stripper
STRIPTease	2813-13	Striptease Artist
STRUCTURAL	2209-11	Structural Engineer
	3203-11	Structural Design Draftsperson
	3203-11	Structural Engineering Drafting Officer
	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4205-13	Structural Boilermaker
	4205-13	Structural Metal Fabricator
	4205-13	Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	8405-17	Structural Steel Erector
STRUCTURES	4405-11	Industrial Painter (Structures)
STUD	1401-17	Beef Cattle Stud Farmer
	1401-19	Dairy Cattle Stud Farmer
	1401-21	Sheep Stud Farmer
	1401-27	Horse Stud Farmer
	1401-27	Horse Stud Manager
	1401-27	Stud Master/Mistress
	8201-11	Stud Hand
STUDENT	2603-99	Student Counsellor
	2607-11	Student Minister
	3401-91	Student Registered Nurse
	3401-91	Student Registered Psychiatric Nurse
	6603-91	Student Enrolled Nurse
STUDENTS	2407-13	Teacher of Disabled or Gifted Students
STUDIES	2407-99	Teacher of Multi-cultural Studies
STUDIO	1305-13	Studio Manager
	3999-23	Photographic Studio Assistant
	3999-23	Photographic Studio Technician
	8999-99	Studio Hand
STUDY	2799-15	Work Study Officer
STUNNER	8199-33	Stunner and Shackler (Abattoir)
STUNTMAN/WOMAN	2817-99	Stuntman/woman

KEYWORD	CODE	TITLE
SUB-AGENT	6105-11	Real Estate Sub-agent
SUB-EDITOR	2807-11	Sub-editor
SUBSTATION	3201-11	Substation Design Draftsperson
SUGAR	1401-13	Sugar Cane Farm Manager
	1401-13	Sugar Cane Grower
	3905-15	Sugar Cane Inspector
	7303-11	Sugar Mill Engine Driver
	7431-13	Centrifuge Operator (Sugar Processing)
	7431-13	Evaporator Boiler (Sugar Processing)
	7431-13	Sugar Boiler and Pan Operator
	7431-13	Sugar Cane Crusher Operator
	7431-13	Sugar Dryer Operator
	7431-13	Sugar Malthouse Attendant
	7431-13	Sugar Processing Machine Operator
SUPERANNUATION	5303-11	Superannuation Fund Clerk
SUPERCALENDER	7415-13	Supercalender Operator (Papermaking)
SUPERINTENDENT	1201-11	Medical Superintendent
	1315-11	Nursing Superintendent
	1399-99	Ambulance Superintendent
	1399-99	Marine Engineer Superintendent
	2905-13	School Superintendent
	3999-31	Park Superintendent
	4803-01	Golf Course Superintendent
SUPERMARKET	1501-11	Supermarket Manager
SUPERVISING	3903-01	Supervising Technician, Radio Operations
	3903-01	Supervising Technician, TV Production Operations
SUPERVISOR	1503-11	Meat Supervisor (Defence Forces)
	1503-11	Restaurant and Catering Managing Supervisor
	1599-11	Hairdressing Establishment Managing Supervisor
	3207-11	Building Construction Supervisor
	3401-01	Nursing Supervisor
	3401-01	Ward Supervisor
	3501-01	Police Supervisor
	3903-01	Supervisor, Performing Arts Support Workers
	3903-01	Supervisor, Sound Recording and Reproduction Equipment Operators
	3903-01	Lighting Supervisor
	3905-01	Supervisor, Inspectors and Regulatory Officers
	3999-01	Supervisor, Other Para-Professionals
	3999-33	Military Disciplinary Supervisor
	4101-01	Supervisor, Tool Room
	4101-01	Supervisor, Toolmakers
	4103-01	Supervisor, Metal Fitters and Machinists
	4201-01	Supervisor, Forging Tradespersons
	4203-01	Supervisor, Metal Spinners
	4203-01	Supervisor, Sheetmetal Tradespersons
	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4207-01	Supervisor, Metal Casting Tradespersons
	4209-01	Supervisor, Metal Finishing Tradespersons
	4211-01	Supervisor, Aircraft Maintenance Engineers
	4213-01	Supervisor, Precision Metal Tradespersons
	4301-01	Supervisor, Electrical Powerline Tradespersons
	4303-01	Supervisor, Electrical Fitters
	4305-01	Supervisor, Automotive Electricians
	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
	4309-01	Supervisor, Electrical Mechanics
	4311-01	Supervisor, Communications Equipment Tradespersons
	4311-01	Telecommunications Line Supervisor
	4313-01	Supervisor, Radio and Television Servicers

S

KEYWORD	CODE	TITLE
	4315-01	Supervisor, Office Equipment and Computer Services
	4399-01	Supervisor, Lift Mechanics
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
	4401-01	Supervisor, Carpenters and Joiners
	4403-01	Supervisor, Bricklayers
	4405-01	Supervisor, Painters, Decorators and Signwriters
	4407-01	Supervisor, Plasterers
	4409-01	Supervisor, Drainers
	4409-01	Supervisor, Gas Fitters
	4409-01	Supervisor, Plumbers
	4411-01	Supervisor, Roof Slaters and Tilers
	4413-01	Supervisor, Wall and Floor Tilers
	4501-01	Supervisor, Compositors
	4503-01	Supervisor, Graphic Reproduction Tradespersons
	4505-01	Supervisor, Printing Machinists
	4507-01	Supervisor, Binders and Finishers
	4509-01	Supervisor, Stereotypers and Electrotypers
	4511-01	Supervisor, Screen Printers
	4601-01	Supervisor, Vehicle Mechanics
	4603-01	Supervisor, Panel Beaters
	4605-01	Supervisor, Vehicle Painters
	4607-01	Supervisor, Vehicle Body Makers
	4609-01	Supervisor, Vehicle Trimmers
	4701-01	Supervisor, Abattoir Workers
	4701-01	Supervisor, Meat Tradespersons
	4701-01	Supervisor, Smallgoods Makers
	4703-01	Supervisor, Bakers and Pastrycooks
	4705-01	Supervisor, Cooks
	4799-01	Supervisor, Buttermakers
	4799-01	Supervisor, Cheesemakers
	4799-01	Supervisor, Confectioners
	4799-01	Supervisor, Millers
	4799-01	Supervisor, Other Food Tradespersons
	4801-01	Supervisor, Nurserymen/women
	4801-01	Supervisor, Plant Nursery
	4805-01	Supervisor, Landscape Gardeners
	4901-01	Supervisor, Wood Machinists and Turners
	4903-01	Supervisor, Cabinetmakers
	4905-01	Supervisor, Cane Furniture Makers
	4905-01	Supervisor, Coopers
	4905-01	Supervisor, Furniture Finishers
	4905-01	Supervisor, Other Wood Tradespersons
	4905-01	Supervisor, Picture Framers
	4905-01	Supervisor, Wood Carvers
	4907-01	Supervisor, Marine Construction Tradespersons
	4909-01	Supervisor, Blasting Tradespersons
	4911-01	Supervisor, Dressmakers
	4911-01	Supervisor, Furriers
	4911-01	Supervisor, Garment Tradespersons
	4911-01	Supervisor, Tailors
	4913-01	Supervisor, Upholsterers and Bedding Tradespersons
	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4919-01	Supervisor, Carpet Layers
	4919-01	Supervisor, Floor Coverers
	4921-01	Supervisor, Glass Tradespersons
	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4925-01	Supervisor, Craftworkers
	4925-01	Supervisor, Musical Instrument Makers and Repairers
	4925-01	Supervisor, Potters
	4927-01	Supervisor, Hairdressers
	4999-01	Supervisor, Other Tradespersons
	5101-01	Supervisor, Office Secretaries and Stenographers
	5103-01	Supervisor, Typists and Typist-Clerks
	5105-01	Supervisor, Word Processing Operators
	5201-01	Supervisor, Data Processing Machine Operators

KEYWORD	CODE	TITLE
	5203-01	Supervisor, Bookkeeping Machine Operators
	5203-01	Supervisor, Business Machine Operators
	5301-01	Supervisor, Accounting Clerks
	5301-01	Supervisor, Payroll Clerks
	5303-01	Supervisor, Insurance and Broking Clerks
	5305-01	Supervisor, Statistical and Actuarial Clerks
	5401-01	Supervisor, Library and Filing Clerks
	5403-01	Supervisor, Mail Sorters
	5501-01	Supervisor, Production Recording Clerks
	5503-01	Supervisor, Transport Recording and Despatching Clerks
	5505-01	Supervisor, Stock and Purchasing Clerks
	5603-01	Supervisor, Telephonists
	5605-01	Supervisor, Messengers and Delivery Officers
	5605-01	Supervisor, Postmen/women
	6103-01	Supervisor, Insurance Brokers and Agents
	6301-01	Supervisor, Sales Assistants
	6401-01	Supervisor, Tellers
	6403-01	Checkout Supervisor
	6403-01	Supervisor, Cashiers
	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
	6503-01	Supervisor, Bar Attendants
	6505-01	Supervisor, Waiters and Waitresses
	6609-01	Supervisor, Travel Stewards
	7107-01	Supervisor, Locomotive Drivers
	7201-01	Dragline Supervisor
	7201-01	Pit Supervisor
	7201-01	Supervisor, Excavating and Earthmoving Plant Operators
	7207-01	Supervisor, Paving and Surfacing Plant Operators
	7211-01	Supervisor, Fire Fighters
	7301-01	Supervisor, Power Generation Plant Operators
	7305-01	Supervisor, Chemical Pilot Plant Operators
	7305-01	Supervisor, Chemical Plant Operators
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-01	Supervisor, Petroleum and Gas Plant Operators
	7309-01	Supervisor, Bulk Materials Handling Plant Operators
	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
	7311-01	Supervisor, Crane Operators
	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7315-01	Supervisor, Blast Furnace Operators
	7315-01	Supervisor, Furnace and Kiln Operators
	7315-01	Supervisor, Roasting Plant Operators
	7315-01	Supervisor, Smelting Plant Operators
	7317-01	Supervisor, Drilling Plant Operators
	7399-01	Supervisor, Other Stationary Plant Operators
	7399-29	Irrigation Supervisor
	7401-01	Supervisor, Basic Metal Products Machine Operators
	7407-01	Supervisor, Plastics Production Machine Operators
	7409-01	Supervisor, Rubber Production Machine Operators
	7411-01	Supervisor, Chemical Production Machine Operators
	7411-01	Supervisor, Explosives Production Machine Operators
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7413-01	Supervisor, Plywood Making Machine Operators
	7413-01	Supervisor, Saw Operators
	7413-01	Supervisor, Wood Processing Machine Operators
	7415-01	Supervisor, Paper and Paper Products Machine Operators
	7417-01	Supervisor, Glass Furnace Operators
	7417-01	Supervisor, Glass Production Machine Operators
	7419-01	Supervisor, Clay and Stone Processing Machine Operators
	7419-01	Supervisor, Concrete Products Machine Operators
	7419-01	Supervisor, Fibre Cement Machine Operators
	7421-01	Supervisor, Cotton Ginning Machine Operators
	7421-01	Supervisor, Yarn Production Machine Operators
	7423-01	Supervisor, Hide and Skin Processing Machine Operators
	7425-01	Supervisor, Fabric Production Machine Operators

S

KEYWORD	CODE	TITLE
	7427-01	Supervisor, Textile Sewing Machinists
	7431-01	Supervisor, Food Processing Machine Operators
	7433-01	Supervisor, Packaging Machine Operators
	7435-01	Supervisor, Photographic Developers and Printers
	7435-01	Supervisor, Photographic Film Manufacturing Operators
	7435-01	Supervisor, Photographic Products Machine Operators
	7499-01	Supervisor, Other Machine Operators
	8103-01	Supervisor, Assemblers
	8199-01	Supervisor, Other Trades Assistants and Factory Hands
	8201-01	Supervisor, Farm Hands and Assistants
	8203-01	Supervisor, Forestry Labourers
	8203-03	Supervisor, Logging Labourers
	8301-01	Supervisor, Cleaners
	8409-01	Supervisor, Paving and Surfacing Labourers
	8413-01	Supervisor, Railway Labourers
	8903-01	Supervisor, Luggage Porters
	8905-01	Supervisor, Garbage Collectors
	8907-01	Supervisor, Storemen/women
	8908-01	Supervisor, Freight and Furniture Handlers
	8911-01	Supervisor, Guards and Security Officers
	8917-01	Supervisor, Laundry Workers
	8921-01	Supervisor, Ward Helpers
	8923-01	Supervisor, Vehicle Accessories Fitters
SUPPLIES	6201-99	Sales Representative (Photographic Equipment and Supplies)
	6301-11	Sales Assistant (Hardware and Gardening Supplies)
	6301-21	Sales Assistant (Office Supplies)
	6301-99	Sales Assistant (Musical Equipment and Supplies)
	6301-99	Sales Assistant (Photographic Equipment and Supplies)
SUPPLY	1307-11	Military Supply Officer
	1307-11	Supply and Distribution Manager
	1307-11	Supply Manager
	2209-11	Water Supply Distribution Engineer
	3913-11	Supply Officer
	5505-11	Supply Clerk
	7399-29	Water Supply and Treatment Plant Operator
SUPPORT	2407-11	Educational Support Teacher
	3903-01	Supervisor, Performing Arts Support Workers
	6607-13	Family Support Worker
SURFACE	7399-11	Surface Hydraulic Fill Operator
SURFACER	4999-13	Ophthalmic Lens Surfacers and Fitter
SURFACING	7207-01	Supervisor, Paving and Surfacing Plant Operators
	8409-01	Supervisor, Paving and Surfacing Labourers
	8409-11	Paving and Surfacing Labourer
SURGEON	2303-19	Orthopaedic Surgeon
	2303-35	Cardiothoracic Surgeon
	2303-35	Ophthalmic Surgeon
	2303-35	Otorhinolaryngological Surgeon
	2303-35	Pediatric Surgeon
	2303-35	Plastic and Reconstructive Surgeon
	2303-35	Surgeon
	2305-13	Oral Surgeon
	2323-11	Veterinary Surgeon
	4805-15	Tree Surgeon
SURGICAL	2303-35	Surgical Oncologist
	4915-11	Surgical Shoemaker
SURVEY	3201-17	Aerial Survey Technician
	3207-15	Engineering Survey Drafting Officer
	5999-19	Survey Interviewer
	8411-11	Geological Survey Field Assistant
	8411-11	Seismic Survey Assistant

KEYWORD	CODE	TITLE
	8411-11	Survey Hand
	8411-11	Survey Recorder
SURVEYING	3207-15	Surveying Associate
	3299-99	Surveying Tracer
SURVEYOR	2203-11	Quantity Surveyor
	2205-13	Cadastral Surveyor
	2205-13	Engineering Surveyor
	2205-13	Geodetic Surveyor
	2205-13	Hydrographic Surveyor
	2205-13	Photogrammetric Surveyor
	2205-13	Surveyor
	3201-15	Flight Surveyor
	3303-17	Airways Surveyor
	3303-19	Airworthiness Surveyor
	3303-19	Airworthiness Surveyor (Aircrafts)
	3303-19	Airworthiness Surveyor (Electrical and Instruments)
	3303-19	Airworthiness Surveyor (Engines)
	3303-19	Airworthiness Surveyor (Radio)
	3307-13	Marine Engineer Surveyor
	3307-15	Marine Surveyor
	3905-21	Health Surveyor
SURVEYOR'S	8411-11	Surveyor's Assistant
	8411-11	Surveyor's Chainman/woman
SUTURE	7411-11	Suture Maker
SWAMPY	8203-15	Swampy
SWEEP	8301-99	Chimney Sweep
SWEEPER	7299-99	Road Sweeper Operator
SWITCHBOARD	5603-11	Switchboard Operator
SWITCHING	7399-19	Railway Switching and Signalling Operator
SYLVICULTURIST	2107-25	Sylviculturist
SYRUP	7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)
	7431-15	Syrup Blender
SYSTEM	3299-99	Avionics System Technician (Air Force)
SYSTEMS	1311-11	Information Systems Manager
	1311-11	Systems Manager (Data Processing)
	2707-13	Systems Programmer
	2707-17	Computer Systems Analyst
	2707-19	Computer Systems Designer (Software)
	2707-19	Computer Systems Engineer (Software)
	3201-15	Communications and Data Systems Drafting Officer
	3201-15	Control Systems Drafting Officer
	3201-17	Communications Electronic Systems Technician (Air Force)
	3299-99	Aircraft Systems Technician (Air Force)
	4399-99	Electronic Instrument Tradesperson (Complex Systems)

T

KEYWORD	CODE	TITLE
TAB	1599-99 6405-11	TAB Manager TAB Clerk
TABLE	7429-11 7499-23	Shoemaking Table Hand Printing Table Hand
TABLET	7411-11	Tablet Making Machine Operator
TAFE	2503-01 2503-01 2503-01 2503-11 2503-13	Head of Department (TAFE) Head of School (TAFE) Head Teacher (TAFE) TAFE Teacher (Trades) TAFE Teacher (General Education)
TAILER	8199-13	Tailer Out
TAILINGS	8415-15	Tailings Dam Labourer
TAILOR	4911-11 4911-91	Tailor Apprentice Tailor
TAILORS	4911-01	Supervisor, Tailors
TAKE	1501-11	Take Away Food Outlet Manager
TAKER	5503-99 8901-15	Railway Number Taker Ticket Taker
TALLY	5501-13 5503-13	Production Tally Clerk Wharf Tally Clerk
TANK	4409-15 7309-11	Septic Tank Installer Tank Farm Operator
TANKER	7105-13	Tanker Driver
TANNERY	8199-27	Tannery Hand
TANNING	7423-11	Tanning Machine Operator
TAP	2813-13	Tap Dancer
TAPE	5401-11	Computer Tape Librarian
TATTOOIST	6699-99	Tattooist
TAVERN	1505-11	Tavern Manager
TAX	2701-11	Tax Agent
TAXI	7103-11 7105-11	Taxi Driver Taxi Truck Driver
TAXIDERMIST	3999-13	Taxidermist
TAXONOMIST	2107-19 2107-23	Plant Taxonomist Animal Taxonomist
TEA	8919-11	Tea Lady/Man
TEACHER	2401-11 2401-11 2401-11 2401-11 2403-01 2403-11 2403-11 2403-11 2403-11 2405-01 2405-11 2407-11 2407-11 2407-11 2407-11 2407-13	Early Childhood Teacher Kindergarten Teacher Pre-Primary School Teacher Pre-School Teacher Senior Teacher, Infant-Primary School Infant School Teacher Junior Primary School Teacher Primary School Teacher Senior Teacher, Secondary School Secondary School Teacher Educational Support Teacher Integration Teacher Remedial Teacher Resource Teacher Teacher of the Hearing Impaired

KEYWORD	CODE	TITLE
	2407-13	Teacher of the Intellectually Disabled
	2407-13	Teacher of the Visually Impaired
	2407-13	Teacher of Disabled or Gifted Students
	2407-99	Aboriginal Education Teacher
	2407-99	Teacher of English as a Second Language
	2407-99	Teacher of Multi-cultural Studies
	2503-01	Head Teacher (TAFE)
	2503-11	TAFE Teacher (Trades)
	2503-13	TAFE Teacher (General Education)
	2505-11	Art Teacher (Private)
	2505-13	Music Teacher (Private)
	2505-13	Singing Teacher (Private)
	2505-15	Ballet Teacher
	2505-15	Dance Teacher (Private)
	2505-17	Drama Teacher (Private)
	2505-17	Elocution Teacher
	2505-25	Clinical Nurse Teacher
	2505-99	Dressmaking Teacher (Private)
	2505-99	Handicrafts Teacher (Private)
	2905-11	Curriculum Advisory Teacher
TEACHER-LIBRARIAN	2403-11	Primary Teacher-Librarian
	2405-11	Secondary School Teacher-Librarian
TEACHERS'	5903-11	Teachers' Aide
	5903-11	Teachers' Assistant
TEACHING	2501-13	University or CAE Teaching Fellow
	6601-99	Special Teaching Assistant
TECHNICAL	2811-25	Technical Director
	2811-25	Technical Producer
	3101-11	Medical Laboratory Technical Officer
	3103-11	Chemical Instrumentation Technical Officer
	3103-11	Chemical Research Technical Officer
	3103-11	Chemistry Technical Officer
	3103-15	Earth Science Technical Officer
	3103-15	Geology Technical Officer
	3103-15	Geophysical Technical Officer
	3103-15	Meteorological Technical Officer
	3103-15	Soils Science Technical Officer
	3103-19	Optics Technical Officer
	3103-19	Physics Technical Officer
	3103-19	Spectroscopic Technical Officer
	3103-23	Dyeing and Finishing Technical Officer
	3103-23	Fabric Design Technical Officer
	3103-23	Textiles Technical Officer
	3103-25	Biology Technical Officer
	3103-25	Botany Technical Officer
	3103-25	Ecological Technical Officer
	3103-25	Fisheries Technical Officer
	3103-25	Forestry Technical Officer
	3103-25	Life Science Technical Officer
	3103-25	Microbiology Technical Officer
	3103-25	Zoology Technical Officer
	3103-27	Botanical Technical Assistant
	3103-29	Agricultural Technical Officer
	3103-29	Cereals Technical Officer
	3103-29	Horticultural Technical Officer
	3201-11	Electrical Engineering Technical Officer
	3201-15	Aircraft Electronics Technical Officer
	3201-15	Communications Engineering Technical Officer
	3201-15	Digital Controls Technical Officer
	3201-15	Electronics Engineering Technical Officer
	3201-15	Process Control Technical Officer
	3201-15	Telecommunications Technical Officer
	3203-11	Civil Engineering Technical Officer

T

KEYWORD	CODE	TITLE
TECHNICIAN	3205-11	Heating and Ventilating Technical Officer
	3205-11	Mechanical Engineering Technical Officer
	3207-13	Architectural Technical Officer
	3299-99	Aeronautical Engineering Technical Officer
	3299-99	Airframe Technical Officer
	3299-99	Welding Technical Officer
	7499-11	Tobacco Technical Operator
	3101-13	Clinical Biochemistry Technician
	3101-13	Clinical Microbiology Technician
	3101-13	Cytopathology Technician
	3101-13	Haematology Technician
	3101-13	Histopathology Technician
	3101-13	Medical Laboratory Technician
	3101-99	Anaesthetic Technician
	3101-99	Cardiac Technician
	3101-99	Dialysis Technician
	3101-99	Electrocardiographic Technician
	3101-99	Electroencephalographic Technician
	3101-99	Neurophysiological Technician
	3101-99	Renal Technician
	3103-13	Chemistry Technician
	3103-17	Earth Science Technician
	3103-17	Geochemical Technician
	3103-17	Geology Technician
	3103-17	Geophysics Technician
	3103-17	Hydrological Technician
	3103-17	Lipidary Technician
	3103-17	Mineral Separation Technician
	3103-17	Paleontology Technician
	3103-17	Soil Science Technician
	3103-17	Well-Logging Technician
	3103-21	Physics Technician
	3103-21	Vacuum Technician
	3103-27	Animal Technician
	3103-27	Botanical Technician
	3103-27	Forestry Technician
	3103-27	Horticultural Technician
	3103-27	Hydroponics Technician
	3103-27	Life Science Technician
	3103-27	Mycological Technician
	3103-27	Plant Pathology Technician
	3103-31	Agricultural Technician
	3103-31	Artificial Insemination Technician
	3103-31	Dairy Technician
	3103-31	Field Crop Technician
	3103-31	Poultry Technician
	3201-13	Electrical Engineering Technician
	3201-13	Electrical Instrument Technician
	3201-17	Aerial Survey Technician
	3201-17	Communications Electronic Systems Technician (Air Force)
	3201-17	Communications Engineering Technician
	3201-17	Electronics Engineering Technician
	3201-17	Process Control Technician
	3201-17	Telemetry Technician
	3203-13	Civil Engineering Technician
	3205-13	Boiler Testing Technician
	3205-13	Hydraulic Controls Technician
	3205-13	Mechanical Engineering Technician
	3205-13	Pipe Testing Technician
	3207-11	Building Technician
	3299-11	Dye Penetrant Testing Technician
	3299-11	Eddy Current Testing Technician
	3299-11	Heat Metal Technician
	3299-11	Magnetic Testing Technician
	3299-11	Metallurgical Technician

KEYWORD	CODE	TITLE
	3299-11	Non-Destructive Testing Technician
	3299-11	Pressure Testing Technician
	3299-11	Ultrasonic Technician
	3299-99	Aircraft Systems Technician (Air Force)
	3299-99	Avionics System Technician (Air Force)
	3299-99	Mining Technician
	3299-99	Welding Technician
	3903-01	Supervising Technician, Radio Operations
	3903-01	Supervising Technician, TV Production Operations
	3903-11	Audio Technician
	3903-11	Sound Technician
	3903-19	Light Technician
	3999-13	Museum and Art Gallery Technician
	3999-15	Library Technician
	3999-23	Photographic Studio Technician
	4307-11	Air-Conditioning Technician
	4311-11	Broadcasting Technician
	4311-13	Telecommunications Technician
	4313-11	Video Technician
	4315-13	Computer Technician
	4999-11	Dental Technician
	4999-11	Orthodontic Technician
	4999-13	Optical Technician
	4999-19	Saturation Technician
	4999-29	Ammunition Technician
	4999-29	Explosive Ordnance Demolition Technician
	4999-29	Military Explosives Technician
TECHNICIAN-IN-TRAINING	4311-91	Telecommunications Technician-in-Training
TECHNOLOGIST	2101-11	Food Technologist
	2321-15	Nuclear Medicine Technologist
TEEMER	7401-13	Teemer (Iron and Steel)
TELECINE	3903-15	Telecine Operator
TELECOM	5603-11	Manual Assistant (Telecom)
TELECOMMUNICATIONS	2211-13	Telecommunications Engineer
	2707-17	Telecommunications Analyst
	3201-15	Telecommunications Technical Officer
	4311-01	Telecommunications Line Supervisor
	4311-13	Telecommunications Technician
	4311-13	Telecommunications Tradesperson
	4311-15	Telecommunications Cable Joiner
	4311-15	Telecommunications Line Serviceman/woman
	4311-15	Telecommunications Lineman/woman
	4311-91	Telecommunications Line Serviceman/woman-in-Training
	4311-91	Telecommunications Lineman/woman-in-Training
	4311-91	Telecommunications Technician-in-Training
	4311-91	Trainee Telecommunications Lineman/woman
	8101-15	Electrical and Telecommunications Trades Assistant
	8101-15	Telecommunications Lineman/woman's Assistant
TELEGRAPHIST	3999-11	Radio Telegraphist
TELEMETRY	3201-17	Telemetry Technician
TELEPHONE	5603-11	Telephone Operator
	8999-99	Public Telephone Money Collector
TELEPHONIST	5603-11	Telephonist
TELEPHONISTS	5603-01	Supervisor, Telephonists
TELEVISION	1305-13	Television Producer
	2811-11	Art Director (Television, Film or Stage)
	2811-21	Floor Manager (Television)
	2811-23	Director (Radio or Television)
	3903-15	Television Camera Operator

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KEYWORD	CODE	TITLE
	3903-15	Television Equipment Operator
	4313-01	Supervisor, Radio and Television Servicers
	4313-11	Radio and Television Repairer
	4313-11	Radio and Television Servicer
	4313-11	Television Mechanic
	4313-91	Apprentice Radio and Television Servicer
TELLER	6401-11	Teller
TELLERS	6401-01	Supervisor, Tellers
TEMPERER	7315-13	Temperer
TEMPERING	7399-17	Oil Tempering Operator
TEMPLATE	4205-11	Template Maker
	4205-91	Apprentice Template Maker
TENONER	4901-11	Double-End Tenoner Operator
TERMINAL	5201-13	Remote Computer Terminal Operator
TERRAZZO	4413-11	Terrazzo Floor Layer
TESTER	7307-15	Oil, Gas and Pipe Tester
	8109-15	Coal Sample Tester
	8109-15	Iron Pellet Tester
	8109-15	Product Tester
TESTING	3205-13	Boiler Testing Technician
	3205-13	Pipe Testing Technician
	3299-11	Dye Penetrant Testing Technician
	3299-11	Eddy Current Testing Technician
	3299-11	Magnetic Testing Technician
	3299-11	Non-Destructive Testing Technician
	3299-11	Pressure Testing Technician
	7307-01	Supervisor, Oil, Gas and Pipe Testing Operators
	7307-15	Oil and Gas Production Testing Operator
	8109-15	Product Testing Assistant
TEXTILE	2805-15	Textile Designer
	4103-15	Textile Mechanic
	4103-91	Apprentice Textile Mechanic
	7425-11	Textile Dresser
	7425-11	Textile Slasher
	7425-15	Textile Knitting Machine Operator
	7425-17	Textile Dyeing and Finishing Machine Operator
	7425-21	Textile Products Mender
	7427-01	Supervisor, Textile Sewing Machinists
	7427-11	Textile Sewing Machinist (Single Needle)
	7427-13	Textile Sewing Machinist (Multi Needle)
	8109-13	Textile Examiner
TEXTILES	3103-23	Textiles Technical Officer
	4911-19	Patternmaker-Grader (Textiles)
	6201-37	Sales Representative (Textiles, Clothing and Footwear)
TEXTURE	7421-11	Yarn Texture Machine Operator
THEATRE	3401-99	Operating Theatre Nurse
	8901-15	Theatre Attendant
THERAPEUTIC	2303-23	Therapeutic Radiologist
	2321-13	Medical Therapeutic Radiographer
THERAPIST	2309-11	Occupational Therapist
	2315-11	Speech Therapist
	2603-13	Family Therapist
	3101-15	Dental Therapist
	3101-15	Oral Therapist
	6699-15	Beauty Therapist
THERMAL	7405-11	Thermal Sprayer

KEYWORD	CODE	TITLE
THERMOFORMING	7407-11	Thermoforming Machine Setter
	7407-15	Thermoforming Machine Operator
THIRD	4103-21	Metal Machinist (Third Class)
	4205-21	Welder (Third Class)
	4209-17	Electroplater (Third Class)
THORACIC	2303-27	Thoracic Specialist
THROAT	2303-31	Ear, Nose and Throat Specialist
TICKET	3999-17	Showcard Ticket Writer
	6405-11	Ticket Seller
	8901-15	Ticket Collector
	8901-15	Ticket Taker
TIER-IN	7425-11	Tier-in
TILE	4413-11	Wall and Floor Tile Fixer
	7419-13	Clay, Brick and Tile Machine Operator
TILER	4411-11	Roof Slater and Tiler
	4411-91	Apprentice Roof Slater and Tiler
	4413-11	Ceramic Tiler
	4413-11	Mosaic Tiler
	4413-11	Wall and Floor Tiler
	4413-91	Apprentice Wall and Floor Tiler
TILER'S	8101-13	Roof Slater and Tiler's Assistant
	8101-13	Wall and Floor Tiler's Assistant
TILERS	4411-01	Supervisor, Roof Slaters and Tilers
	4413-01	Supervisor, Wall and Floor Tilers
TIMBER	7315-15	Timber Kiln Operator
	7399-21	Timber Treatment Plant Operator
	7413-17	Timber Stock Cutter
	8109-11	Timber Grader
	8199-13	Timber Stacker
TIMBERMAN/WOMAN	8415-11	Timberman/woman (Mining)
TINNING	8199-11	Tinning Line Assistant
TINTER	8401-11	Window Tinter
TIPSTAFF	5907-15	Tipstaff
TITLE	5907-13	Title Searcher
TOBACCO	1401-15	Tobacco Farm Manager
	1401-15	Tobacco Grower
	6201-29	Sales Representative (Food, Drink and Tobacco Products)
	7499-11	Tobacco Technical Operator
	7499-13	Tobacco Dryer Attendant
	7499-13	Tobacco Machine Attendant
TOILETRIES	6201-33	Sales Representative (Toiletries)
	6301-23	Sales Assistant (Pharmaceutical Products and Toiletries)
	7411-01	Supervisor, Pharmaceuticals and Toiletries Production Machine Operators
	7411-11	Pharmaceuticals and Toiletries Production Machine Operator
	7411-11	Toiletries Moulder and Compressor
TONG	7317-11	Power Tong Operator
TOOL	3205-11	Tool Design Draftsperson
	3205-11	Tool Designer
	3205-13	Tool Design Detail Draftsperson
	4101-01	Supervisor, Tool Room
	4101-11	Tool and Die Maker
	4103-19	Machine Tool Operator (Metal)
	7317-11	Fishing Tool Operator

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KEYWORD	CODE	TITLE
TOOLMAKER	4101-11	Toolmaker
	4101-91	Apprentice Toolmaker
TOOLMAKERS	4101-01	Supervisor, Toolmakers
TOOLPUSHER	7317-01	Toolpusher
TOOLSMTIH	4201-11	Toolsmith
TOPMAN/WOMAN	7431-11	Topman/woman
TOPOGRAPHIC	3207-15	Topographic Drafting Officer
TORQUE-TURN	7307-15	Torque-turn Computer Operator
TOUGHENING	7417-11	Glass Toughening Operator
TOUR	6699-13	Tour Leader
TOURIST	6507-13	Tourist Adviser
	6507-13	Tourist Officer
	6699-13	Tourist Guide
TOW	7105-13	Tow Truck Driver
TOWN	2907-11	Town Planner
TOXICOLOGIST	2107-99	Toxicologist
TOYS	6201-19	Sales Representative (Toys and Sporting Goods)
	6301-99	Sales Assistant (Sports Equipment and Toys)
TRACER	3299-99	Architectural Tracer
	3299-99	Engineering Tracer
	3299-99	Surveying Tracer
TRACK	7299-11	Railway Track Repair Machine Operator
	7317-11	Air Track Operator
	8413-11	Railway Track Patrolman/woman
TRACTOR	7209-11	Farm Tractor Driver
TRADE	1201-11	Trade Union Secretary
	2799-13	Trade Union Official
	2799-13	Trade Union Organiser
	2901-11	International Trade Economist
TRADES	2503-11	TAFE Teacher (Trades)
	4799-91	Apprentice, Other Food Trades
	4905-91	Apprentice, Other Wood Trades
	4917-91	Apprentice, Other Leather and Canvas Trades
	4999-91	Apprentice, Other Trades
	8101-11	Metal Trades Assistant
	8101-13	Bricklayer's Trades Assistant
	8101-13	Carpenter's Trades Assistant
	8101-13	Construction Trades Assistant
	8101-13	Plumber's Trades Assistant
	8101-15	Electrical and Telecommunications Trades Assistant
	8101-99	Motor Mechanic's Trades Assistant
	8199-01	Supervisor, Other Trades Assistants and Factory Hands
TRADESPERSON	4201-91	Apprentice Forging Tradesperson
	4203-91	Apprentice Sheetmetal Tradesperson
	4205-13	Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel Tradesperson
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
	4207-91	Apprentice Metal Casting Tradesperson
	4209-91	Apprentice Metal Finishing Tradesperson
	4213-91	Apprentice Precision Metal Tradesperson
	4301-91	Apprentice Electrical Powerline Tradesperson
	4311-11	Broadcasting Tradesperson
	4311-13	Telecommunications Tradesperson

KEYWORD	CODE	TITLE
	4311-91	Trainee Communications Equipment Tradesperson
	4399-99	Apprentice Electronic Instrumentation Tradesperson
	4399-99	Electronic Instrument and Control Tradesperson
	4399-99	Electronic Instrument Tradesperson (Complex Systems)
	4503-91	Apprentice Graphic Reproduction Tradesperson
	4701-91	Apprentice Meat Tradesperson
	4907-91	Apprentice Marine Construction Tradesperson
	4911-91	Apprentice Garment Tradesperson
	4913-91	Apprentice Upholsterer and Bedding Tradesperson
	4921-11	Flat Glass Tradesperson
	4921-91	Apprentice Flat Glass Tradesperson
	4923-91	Apprentice Jewellery and Precious Metalware Tradesperson
TRADESPERSONS	4201-01	Supervisor, Forging Tradespersons
	4203-01	Supervisor, Sheetmetal Tradespersons
	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4207-01	Supervisor, Metal Casting Tradespersons
	4209-01	Supervisor, Metal Finishing Tradespersons
	4213-01	Supervisor, Precision Metal Tradespersons
	4301-01	Supervisor, Electrical Powerline Tradespersons
	4311-01	Supervisor, Communications Equipment Tradespersons
	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
	4503-01	Supervisor, Graphic Reproduction Tradespersons
	4701-01	Supervisor, Meat Tradespersons
	4799-01	Supervisor, Other Food Tradespersons
	4905-01	Supervisor, Other Wood Tradespersons
	4907-01	Supervisor, Marine Construction Tradespersons
	4909-01	Supervisor, Blasting Tradespersons
	4911-01	Supervisor, Garment Tradespersons
	4913-01	Supervisor, Upholsterers and Bedding Tradespersons
	4915-01	Supervisor, Shoemaking and Repairing Tradespersons
	4917-01	Supervisor, Other Leather and Canvas Tradespersons
	4921-01	Supervisor, Glass Tradespersons
	4923-01	Supervisor, Jewellery and Precious Metalware Tradespersons
	4999-01	Supervisor, Other Tradespersons
TRADING	6101-11	Trading Floor Operator (Stock Exchange)
TRAFFIC	2907-11	Traffic and Transport Planner
	3303-11	Air Traffic Controller
	3303-91	Trainee Air Traffic Controller
	3905-31	Traffic Inspector
	5501-11	Radio Traffic Scheduler
	5503-11	Freight Traffic Controller
	6405-11	Airline Traffic Officer (Passenger Services)
TRAIN	3905-17	Train Examiner
	6405-13	Train Conductor
	7105-13	Road Train Driver
	7107-11	Train Driver
	7309-11	Train Loader Operator
TRAINEE	1319-91	Trainee Officer (Defence Forces)
	1401-91	Trainee Farm Manager
	1401-91	Trainee Farmer
	2701-91	Trainee Accountant
	3303-91	Trainee Air Traffic Controller
	3303-93	Trainee Flight Service Officer
	3307-91	Trainee Marine Engineer
	4301-91	Trainee Electrical Linesman/woman
	4311-91	Trainee Communications Equipment Tradesperson
	4311-91	Trainee Telecommunications Lineman/woman
	4315-91	Trainee Office Equipment and Computer Servicer
	4799-93	Trainee Miller
	4921-93	Trainee Glass Blower
	7107-91	Trainee Locomotive Driver
	7201-91	Trainee Excavating and Earthmoving Plant Operator

T

KEYWORD	CODE	TITLE
	7305-91	Trainee Chemical Plant Operator
TRAINER	3915-11	Sports Trainer
	4931-99	Dog Trainer
	4931-99	Horse Trainer
TRAINERS	4931-99	Animal Trainers nec
TRAINING	1309-11	Training Manager
	2705-13	Training Officer
TRAM	3905-31	Tram Inspector
	6405-13	Tram Conductor
	7101-13	Tram Driver
TRAMWAY	8413-01	Tramway Ganger
	8413-11	Tramway Labourer
TRANSCIVER	5201-15	Data Transceiver Operator
TRANSFUSIONIST	2303-37	Blood Transfusionist
TRANSLATOR	2999-21	Translator
TRANSMITTER	3903-17	Broadcast Transmitter Operator
TRANSPORT	1307-11	Transport Manager
	2209-11	Transport Engineer (Army)
	2901-11	Transport Economist
	2907-11	Traffic and Transport Planner
	5503-01	Supervisor, Transport Recording and Despatching Clerks
	5503-11	Transport Clerk
	6405-13	Transport Conductor
	7105-13	Stock Transport Driver
	7399-29	Lock Master (Water Transport)
TRAVEL	3905-99	Travel Accommodation Inspector
	6507-11	Travel Agent (Commercial)
	6507-11	Travel Consultant
	6609-01	Supervisor, Travel Stewards
TRAWLER	3305-11	Trawler Master
TREASURER	1301-11	Treasurer (except government)
TREATING	7399-11	Mineral Ore Treating Plant Operator
	7399-11	Ore Treating Solution Operator
TREATMENT	2207-11	Water Treatment Engineer
	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-13	Oil and Gas Well Treatment Operator
	7307-13	Well Treatment Blender Operator
	7307-13	Well Treatment Pump Operator
	7315-13	Heat Treatment Furnace Operator
	7399-21	Timber Treatment Plant Operator
	7399-29	Water Supply and Treatment Plant Operator
	7431-21	Milk Treatment Machine Operator
	8415-13	Well Treatment Offsider
TREE	3103-27	Tree Marker
	4805-15	Tree Doctor
	4805-15	Tree Surgeon
	7205-11	Tree Feller Operator
	8203-11	Tree Feller
	8203-13	Tree Planter
TRENCH-DIGGING	7201-17	Trench-digging Machine Operator
TRIBUNAL	1103-17	Administrative Appeals Tribunal Member
	1103-19	Industrial Tribunal Member
TRIM	7413-13	Trim Saw Operator
TRIMMER	4609-11	Vehicle Trimmer

KEYWORD	CODE	TITLE
	4809-91	Apprentice Vehicle Trimmer
	7413-17	Wood Trimmer
	7413-19	Veneer Trimmer Operator
	8199-35	Meat Trimmer
TRIMMERS	4609-01	Supervisor, Vehicle Trimmers
TROOPER	7499-19	Assault Trooper
TRUCK	5503-11	Truck Despatcher
	7105-11	Taxi Truck Driver
	7105-13	Haul Truck Driver
	7105-13	Heavy Truck Driver
	7105-13	Tow Truck Driver
	7201-23	Underground Truck Operator
	7203-11	Reach Truck Driver
	7203-11	Turret Truck Driver
	8909-17	Truck Driver's Offsider
TRUST	5907-99	Trust Officer
TUBE	8923-11	Tyre and Tube Fitter
TUBING	7317-11	Reeled Tubing Operator
TUCKPOINTER	4403-11	Tuckpointer
TUFTING	7425-99	Tufting Machine Operator
TUG	3305-11	Tug Master
	8925-11	Tug Hand
TUNER	4103-15	Loom Tuner
	4925-11	Piano Tuner
	4925-91	Apprentice Piano Tuner
TURBINE	7301-11	Power Generation Turbine Room Operator
	7307-11	Gas Compressor Turbine Operator
TURNER	4103-11	Fitter and Turner
	4103-13	Turner
	4103-91	Apprentice Fitter, Turner and Machinist
	4901-13	Wood Turner
	4901-93	Apprentice Wood Turner
	7419-17	Porcelain Turner
TURNERS	4901-01	Supervisor, Wood Machinists and Turners
TURNING	4901-13	Wood Turning Lathe Operator
TURNSTILE	8901-15	Turnstile Attendant
TURRET	7203-11	Turret Truck Driver
TUTOR	2501-13	University or CAE Tutor
TV	3903-01	Supervising Technician, TV Production Operations
TYPESETTER	4501-11	Typesetter
TYPIST	5103-13	Typist
TYPIST-CLERK	5103-11	Typist-Clerk
TYPIST-CLERKS	5103-01	Supervisor, Typists and Typist-Clerks
TYPISTS	5103-01	Supervisor, Typists and Typist-Clerks
TYRE	7409-11	Tyre Builder
	7409-11	Tyre Production Machine Operator
	7409-11	Tyre Retreader
	8109-13	Tyre Finisher and Examiner
	8923-11	Tyre and Tube Fitter
TYRES	6301-25	Sales Assistant (Tyres)

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KEYWORD	CODE	TITLE
ULTRASONIC	3299-11	Ultrasonic Technician
UMPIRE	3915-19	Umpire
UNDERGROUND	7107-11	Underground Locomotive Driver
	7201-23	Underground Plant Operator
	7201-23	Underground Truck Operator
UNDERMANAGER	3299-99	Mine Undermanager
UNDERTAKER	6699-11	Undertaker
UNDERTAKER'S	8999-21	Undertaker's Assistant
UNDERWRITER	6103-11	Insurance Underwriter
UNION	1201-11	Trade Union Secretary
	1507-11	Credit Union Manager
	2799-13	Trade Union Official
	2799-13	Trade Union Organiser
UNIT	5201-13	Visual Display Unit Operator
	7307-11	Petroleum Process Unit Operator
	7317-11	Snubbing Unit Operator
UNIVERSITY	2501-11	University or CAE Lecturer
	2501-13	University or CAE Demonstrator
	2501-13	University or CAE Teaching Fellow
	2501-13	University or CAE Tutor
UNLOADING	7309-01	Supervisor, Fluids Loading and Unloading Plant Operators
UPHOLSTERER	4609-11	Vehicle Upholsterer
	4913-11	Furniture Upholsterer
	4913-91	Apprentice Upholsterer and Bedding Tradesperson
UPHOLSTERERS	4913-01	Supervisor, Upholsterers and Bedding Tradespersons
URBAN	2907-11	Urban and Regional Planner
UROLOGIST	2303-33	Urologist
USAGE	3905-25	Water Usage Inspector
USEFUL	8999-19	Hotel Useful
USHER	5907-15	Court Usher
	8901-13	Entertainment Usher
UTILITIES	3905-99	Patrolman/woman (Utilities)
UTILITY	3905-99	Utility Man/Woman

KEYWORD	CODE	TITLE
VACUUM	3103-21	Vacuum Technician
VALUER	6189-13	Valuer
VAN	6501-13	Cash Van Salesperson
	7105-11	Van Driver
VARIETY	2817-13	Variety Artist
VEGEMITE	7431-89	Vegemite Maker
VEGETABLE	1401-33	Vegetable Farm Manager
	1401-33	Vegetable Grower
	7431-15	Fruit and Vegetable Juicer Operator
	7431-89	Fruit and Vegetable Dehydrator
	7431-99	Fruit and Vegetable Peeling Machine Operator
	8105-13	Fruit and Vegetable Packer
	8109-11	Fruit and Vegetable Classifier
	8199-47	Fruit and Vegetable Factory Hand
	8201-13	Fruit, Vegetable and Nut Farm Hand
	8201-13	Fruit, Vegetable and Nut Picker
VEHICLE	4601-01	Supervisor, Vehicle Mechanics
	4605-01	Supervisor, Vehicle Painters
	4605-11	Vehicle Painter
	4605-91	Apprentice Vehicle Painter
	4607-01	Supervisor, Vehicle Body Makers
	4607-11	Vehicle Body Builder
	4607-11	Vehicle Body Maker
	4607-91	Apprentice Vehicle Body Maker
	4609-01	Supervisor, Vehicle Trimmers
	4609-11	Vehicle Trimmer
	4609-11	Vehicle Upholsterer
	4609-91	Apprentice Vehicle Trimmer
	6301-25	Sales Assistant (Vehicle Parts and Accessories)
	7499-18	Armoured Fighting Vehicle Crewman
	7499-19	Armoured Fighting Vehicle Driver
	8103-11	Vehicle Assembler
	8109-13	Vehicle Assembly Inspector
	8301-21	Motor Vehicle Cleaner
	8923-01	Supervisor, Vehicle Accessories Fitters
	8923-11	Vehicle Accessories Fitter
VEHICLES	6301-19	Sales Assistant (Caravans and Motor Vehicles)
	7299-99	Specialist Vehicles Operator (Army)
VENDING	4399-13	Vending Machine Servicer
	8999-15	Vending Machine Attendant
VENDOR	6501-13	Milk Vendor
	6501-17	Street Vendor
VENDORS	6501-01	Supervisor, Street Vendors, Canvassers and Sales Drivers
VENEER	7413-19	Veneer Clipper
	7413-19	Veneer Guillotine Operator
	7413-19	Veneer Lathe and Slicer Operator
	7413-19	Veneer Production Machine Operator
	7413-19	Veneer Splicing Machine Operator
	7413-19	Veneer Trimmer Operator
	7413-21	Plywood and Veneer Repairer
VENTILATING	3205-11	Heating and Ventilating Technical Officer
VENTILATION	3299-99	Mine Ventilation Officer
	8415-11	Mine Ventilation Hand
VENTRILOQUIST	2817-13	Ventriloquist
VERIFIER	5201-13	Verifier Operator
	8109-15	Glassware Verifier

V

KEYWORD	CODE	TITLE
VERMIN	3905-99	Vermin and Noxious Weeds Inspector
VERTICAL	4103-13	Vertical Borer
VESSEL	3305-11	Fishing Vessel Master
	3307-11	Motor Vessel Engineer Officer
VESSELS	3905-13	Boilers and Pressure Vessels Inspector
VETERINARIAN	2323-11	Veterinarian
VETERINARY	2107-23	Veterinary Parasitologist
	2107-23	Veterinary Pathologist
	2323-11	Veterinary Surgeon
	6201-15	Sales Representative (Medical, Dental and Veterinary Equipment)
	8999-23	Veterinary Attendant
	8999-23	Veterinary Nurse
VIDEO	3903-11	Video and Sound Recorder
	4313-11	Video Technician
VIEWER	8109-13	Metal Products Viewer
VIROLOGIST	2107-99	Virologist
VISION	3903-15	Vision Mixer
VISUAL	5201-13	Visual Display Unit Operator
VISUALLY	2407-13	Teacher of the Visually Impaired
VITICULTURIST	1401-31	Viticulturist
VOCALIST	2815-15	Vocalist
VOCATIONAL	2303-39	Vocational Rehabilitation Specialist
	2603-17	Vocational Counsellor

KEYWORD	CODE	TITLE
WAITER/WAITRESS	6505-01	Head Waiter/Waitress
	6505-11	Formal Service Waiter/Waitress
	6505-11	Silver Service Waiter/Waitress
	6505-13	Drink Waiter/Waitress
	6505-13	Wine Waiter/Waitress
	6505-15	Waiter/Waitress (General)
WAITERS	6505-01	Supervisor, Waiters and Waitresses
WAITRESSES	6505-01	Supervisor, Waiters and Waitresses
WALL	4413-01	Supervisor, Wall and Floor Tilers
	4413-11	Wall and Floor Tile Fixer
	4413-11	Wall and Floor Tiler
	4413-91	Apprentice Wall and Floor Tiler
	8101-13	Wall and Floor Tiler's Assistant
WARD	3401-01	Ward Supervisor
	5601-15	Hospital Ward Clerk
	8921-01	Supervisor, Ward Helpers
	8921-11	Ward Assistant
WARDEN	3999-31	Park Warden
WARDROBE	4911-01	Wardrobe Co-ordinator
	4911-13	Wardrobe Assistant
WARDSMAN/MAID	8921-11	Wardaman/maid
WAREHOUSE	8907-11	Warehouse Assistant
WARP	7425-11	Warp Beamer
	7425-11	Warp Machine Operator
	7425-11	Warp Sizer
WARRANT	3999-33	Disciplinary Warrant Officer
	3999-33	Warrant Officer Coxswain
WARRANTY	5301-13	Warranty Clerk
WASH	7399-11	Wash Plant Operator
	8301-21	Car Wash Attendant
WATCH	4213-13	Watch and Clock Maker and Repairer
	4213-91	Apprentice Watch and Clock Repairer
WATCHES	6201-99	Sales Representative (Jewellery and Watches)
	6301-99	Sales Assistant (Watches and Jewellery)
WATCHMAKER	4213-13	Watchmaker
WATCHMAN/WOMAN	8911-13	Night Watchman/woman
WATER	2199-11	Water Quality Analyst
	2207-11	Water Treatment Engineer
	2209-11	Water Supply Distribution Engineer
	3905-21	Water Quality Inspector
	3905-25	Water Usage Inspector
	4999-23	Shallow Water Diver
	7317-11	Water Well Driller
	7399-29	Lock Master (Water Transport)
	7399-29	Water Supply and Treatment Plant Operator
WATERSIDE	8909-15	Waterside Worker
WEAPONS	7499-19	Military Weapons Operator
WEAVER	7425-13	Carpet Weaver
	7425-13	Weaver
WEED	8999-13	Pest and Weed Controller
WEEDS	3905-99	Vermin and Noxious Weeds Inspector
WEIGHBRIDGE	7399-99	Weighbridge Operator

W

KEYWORD	CODE	TITLE
WEIGHER	8109-17	Product Weigher
WEIGHTS	3905-99	Weights and Measures Inspector
WELDER	4205-15	Pressure Welder
	4205-17	Welder (First Class)
	4205-17	Welder (Special Class)
	4205-19	Arc Welder
	4205-19	Metal-Inert-Gas Welder
	4205-19	Plasma-arc Welder
	4205-19	Welder (Second Class)
	4205-21	Welder (Third Class)
	4205-91	Apprentice Welder
WELDER-CUTTER	4205-19	Gas Welder-Cutter
	4205-19	Oxy-acetylene Welder-Cutter
WELDING	3299-99	Welding Technical Officer
	3299-99	Welding Technician
	4205-01	Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
	4205-19	Gas-shielded Arc Welding Operator
	4205-91	Apprentice Structural Steel, Boilermaking and Welding Tradesperson
WELFARE	3401-13	Infant Welfare Nurse
	3901-15	Welfare Officer
WELL	7307-01	Supervisor, Oil and Gas Well Treatment Operators
	7307-13	Oil and Gas Well Treatment Operator
	7307-13	Oil Well Cementer
	7307-13	Well Treatment Blender Operator
	7307-13	Well Treatment Pump Operator
	7317-11	Water Well Driller
	8415-13	Well Treatment Offsider
WELL-LOGGING	3103-17	Well-Logging Technician
WELT	7427-13	Pocket Welt Machine Operator
WHARF	5503-13	Wharf Tally Clerk
	8909-15	Wharf Labourer
WHEAT	1401-11	Wheat Farmer
WHEEL	7419-99	Abrasive Wheel Maker
WHOLESALE	1601-17	Wholesaler
WILDLIFE	3905-99	Fisheries and Wildlife Inspector
WINCH	7313-01	Supervisor, Hoist, Winch and Lift Operators
	7313-11	Hoist, Winch and Lift Operator
WINDER	4303-11	Armature Winder
	4303-11	Heavy Coil Winder
	8103-13	Light Coil Winder
WINDING	7313-11	Winding Engine Driver
WINDOW	3999-19	Window Dresser
	8103-11	Metal Window Assembler
	8301-17	Window Cleaner
	8401-11	Window Tinter
WINDSCREEN	8923-11	Windscreen Fitter
WINE	6505-13	Wine Steward/Stewardess
	6506-13	Wine Waiter/Waitress
WINERY	7431-17	Winery Cellarhand
WINZE	7317-11	Winze Sinker
WIRE	7401-15	Wire Drawing Machine Operator

KEYWORD	CODE	TITLE
	7407-25	Wire Sheether
WOOD	4901-01	Supervisor, Wood Machinists and Turners
	4901-11	Jig Maker (Wood)
	4901-11	Wood Machinist (A-Grade)
	4901-13	Wood Turner
	4901-13	Wood Turning Lathe Operator
	4901-15	Wood Machinist (B-Grade)
	4901-17	Wood Machinist (C-Grade)
	4901-91	Apprentice Wood Machinist
	4901-93	Apprentice Wood Turner
	4905-01	Supervisor, Other Wood Tradespersons
	4905-01	Supervisor, Wood Carvers
	4905-11	Wood Carver
	4905-91	Apprentice Wood Carver
	4905-91	Apprentice, Other Wood Trades
	7399-17	Wood Chipping and Particleboard Plant Operator
	7413-01	Supervisor, Wood Processing Machine Operators
	7413-17	Wood Trimmer
	7413-23	Wood Laminating Press Operator
	8103-17	Wood Products Assembler
	8199-15	Wood and Wood Products Factory Hand
	8199-15	Wood and Wood Products Labourer
WOODWORKING	4901-11	Woodworking Machine Setter
WOOL	1401-21	Wool Grower
	3913-13	Wool Buyer
	3999-35	Wool Classifier
	7421-15	Wool Scouring Operator
	8201-15	Wool Presser
WOOLPULLING	7423-11	Woolpulling Machine Operator
WORD	5105-01	Supervisor, Word Processing Operators
	5105-11	Word Processing Operator
WORK	2799-15	Work Study Officer
WORKER	2601-13	Community Social Worker
	2601-15	Social Case Worker
	3901-11	Community Worker
	3901-15	Residential Care Worker
	3901-15	Social Worker Associate
	3901-17	Youth Worker
	4203-11	Sheetmetal Worker (First Class)
	4203-17	Sheetmetal Worker (Second Class)
	4999-27	Aircraft Safety Equipment Worker
	6601-15	Day Care Worker
	6601-19	Child Care Group Worker
	6601-21	Refuge Worker
	6607-13	Family Support Worker
	7399-33	Carbon Plant Worker
	7431-17	Brewery Cellar Worker
	7431-19	Casings Worker
	8199-37	Poultry Process Worker
	8199-39	Fish Process Worker
	8199-43	Cheese Factory Worker
	8199-43	Milk Processing Worker
	8199-45	Egg Process Worker
	8201-99	Fish Farm Worker
	8203-13	Forestry Worker
	8203-15	Logging Worker
	8403-11	Concrete Worker
	8409-11	Asphalt Worker
	8409-11	Bitumen Worker
	8409-11	Road Maintenance Worker
	8415-11	Pit Crew Worker
	8415-13	Derrick Worker

W

KEYWORD	CODE	TITLE
	8499-17	Demolition Worker
	8909-15	Waterside Worker
	8917-11	Laundry Worker
WORKERS	2998-15	Research Workers nec
	3903-01	Supervisor, Performing Arts Support Workers
	4701-01	Supervisor, Abattoir Workers
	6601-99	Child Care, Refuge and Related Workers nec
	8917-01	Supervisor, Laundry Workers
WORKS	1305-11	Works Manager
	3207-11	Clerk of Works
WRAP	7433-99	Shrink Wrap Operator
WRAPPER	8105-11	Meat Wrapper
WRITER	2807-15	Continuity Writer
	2807-99	Editorial Writer
	2807-99	Leader Writer
	2809-11	Script Writer
	3999-17	Showcard Ticket Writer

KEYWORD	CODE	TITLE
YARD	7399-19	Railway Yard Assistant
YARDMAN/WOMAN	8999-19	Hotel Yardman/woman
YARN	7421-01	Supervisor, Yarn Production Machine Operators
	7421-11	Yarn Carding and Spinning Machine Operator
	7421-11	Yarn Comber
	7421-11	Yarn Drawing Machine Operator
	7421-11	Yarn Texture Machine Operator
YEAST	7431-99	Yeast Maker
YOGURT	7431-21	Yogurt Maker
YOUTH	3901-17	Youth Leader
	3901-17	Youth Officer
	3901-17	Youth Worker

Z

KEYWORD	CODE	TITLE
ZOOLOGIST	2107-23	Soil Zoologist
	2107-23	Zoologist
ZOOLOGY	3103-25	Zoology Technical Officer