



**Commonwealth Bureau of Census and Statistics.**

**CANBERRA.**

**OFFICIAL STATISTICS, COMMONWEALTH OF AUSTRALIA.**

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## **MANUFACTURING INDUSTRIES,**

**1944-45.**

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## **No. 29. ROPE AND CORDAGE.**

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**PREPARED UNDER INSTRUCTIONS FROM THE  
RIGHT HONORABLE THE TREASURER.**

**BY**

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## P R E F A C E

### R O P E   A N D   C O R D A G E .

1. GENERAL: The publication of these surveys which cover 33 industries, is being resumed following a period of suspension during the war. The previous issue respecting Rope and Cordage related to the year 1939-40. All Manufacturing Industry Summaries for 1944-45 have now been issued with the following exceptions:-  
32 - Electric Light and Power Works, 33 - Gas Works.
2. CLASSIFICATION OF FACTORIES. The classification of factories in Australia is based on the nature of the product. Where two or more distinct types of industrial activity are carried on in one establishment, factory proprietors are requested to furnish separate returns for each activity. In some instances, however, this is not practicable, and in such cases there is no alternative but to classify the factory according to its predominant activity. This difficulty is most acute in the Metal Trades industries (e.g. Engineering firms also producing Agricultural Implements, Stoves and Ovens, and/or Brass and Copper products), but it is also to be found in factories concerned with the treatment or manufacture of Skins, Leather, Clothing, Wood products and some other articles. In consequence, and to an extent which will vary with individual industries, the figures may include the subsidiary but extraneous activities of those establishments included in the industry, while they will exclude relevant activities which are subsidiary to the predominant activity of establishments classified to some other industry. This qualification is not important in the case of Rope and Cordage, the industry with which this summary is concerned.
3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in Part I of the annual Production Bulletin.

Briefly, a "factory" is taken to be an industrial establishment in which four or more hands are employed or in which power other than hand is used.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery, and retailing storemen. The figures do include, however, proprietors who work in their own factories as well as "out-workers".

The value of output is the wholesale selling value at the factory of goods made or processed during the year, including by-products. In addition it includes the value of other work done, such as repair work, assembling and making up for customers.

The value of production is the value of output minus the cost of raw materials, containers, power, fuel, light, lubricants, water, tools replaced, and repairs to plant, and represents the value added in the process of manufacture within the factories. As full details of the costs of production are not collected, the amount of profit resulting from operations cannot be ascertained. The value of production therefore is the source from which such items as wages, interest, depreciation, taxation, insurance, advertising and other sundry charges are met.

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(24/2/47)

ROPE AND CORDAGE

1. SUMMARY OF STATISTICS: The following table furnishes a summary of the principal statistics of the factories engaged in the manufacture of Rope and Cordage in Australia for the period 1934-35 to 1944-45:-

TABLE I. ROPE AND CORDAGE : AUSTRALIA.

| Year       | Number of Factories | Persons Employed (a) | Salaries and Wages Paid (b) | Power, Fuel and Light etc. Used | Value of Other Materials etc.Used (c) | Value of Production | Value of Output |
|------------|---------------------|----------------------|-----------------------------|---------------------------------|---------------------------------------|---------------------|-----------------|
|            | No.                 | No.                  | £'000                       | £'000                           | £'000                                 | £'000               | £'000           |
| 1934-35(d) | 22                  | 1,415                | 169                         | 24                              | 454                                   | 382                 | 860             |
| 1935-36(d) | 22                  | 1,509                | 185                         | 25                              | 536                                   | 402                 | 963             |
| 1936-37    | 22                  | 1,567                | 194                         | 24                              | 617                                   | 456                 | 1,097           |
| 1937-38    | 19                  | 1,672                | 237                         | 26                              | 734                                   | 463                 | 1,223           |
| 1938-39    | 18                  | 1,695                | 246                         | 28                              | 632                                   | 521                 | 1,181           |
| 1939-40    | 19                  | 1,943                | 314                         | 35                              | 826                                   | 709                 | 1,570           |
| 1940-41    | 20                  | 1,992                | 336                         | 34                              | 928                                   | 650                 | 1,612           |
| 1941-42    | 21                  | 2,442                | 474                         | 38                              | 1,190                                 | 932                 | 2,160           |
| 1942-43    | 21                  | 2,485                | 526                         | 43                              | 1,360                                 | 1,081               | 2,504           |
| 1943-44    | 21                  | 2,392                | 574                         | 46                              | 1,435                                 | 1,160               | 2,641           |
| 1944-45    | 26                  | 2,405                | 613                         | 43                              | 1,454                                 | 1,143               | 2,640           |

- (a) Includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors.  
(c) Includes value of containers, packing etc., tools replaced and repairs to plant.  
(d) Omits one factory in Western Australia.

In the following table particulars of the industry are given for each State during the year 1944-45:-

TABLE II. ROPE AND CORDAGE : STATES. 1944-45

| Particulars                        | New South Wales | Vic-toria | Queens-land | South Aus-tralia | Western Aus-tralia | Tas-mania | AUSTRALIA |
|------------------------------------|-----------------|-----------|-------------|------------------|--------------------|-----------|-----------|
|                                    | No.             | No.       | No.         | No.              | No.                | No.       | No.       |
| Number of Factories ..             | 7               | 12        | 3           | 2                | 2                  | -         | 26        |
| Number Employed (a) -              |                 |           |             |                  |                    |           |           |
| Males ..                           | 264             | 1,092     | 62          | (c)              | (c)                | -         | 1,518     |
| Females ..                         | 224             | 532       | 1           | (c)              | (c)                | -         | 2,886     |
| Total ..                           | 488             | 1,624     | 63          | (c)              | (c)                | -         | 2,886     |
| Value of -                         | £.              | £.        | £.          | £.               | £.                 | £.        | £.        |
| Salaries and Wages ..              |                 |           |             |                  |                    |           |           |
| Paid (b) ..                        | 107,906         | 454,053   | 21,618      | (c)              | (c)                | -         | 612,653   |
| Power, Fuel and Light etc. Used .. | 9,561           | 30,420    | 767         | (c)              | (c)                | -         | 43,472    |
| Materials etc. Used ..             | 256,589         | 1,076,296 | 37,709      | (c)              | (c)                | -         | 1,454,084 |
| Production ..                      | 204,363         | 824,410   | 34,951      | (c)              | (c)                | -         | 1,142,404 |
| Output ..                          | 470,533         | 1,931,126 | 73,427      | (c)              | (c)                | -         | 2,639,960 |
| Land and Buildings ..              | 112,824         | 226,551   | 10,966      | (c)              | (c)                | -         | 379,864   |
| Plant and Machinery ..             | 123,261         | 203,959   | 5,303       | (c)              | (c)                | -         | 350,359   |
|                                    | H.P.            | H.P.      | H.P.        | H.P.             | H.P.               | H.P.      | H.P.      |
| H.P. of Engines Ordinarily in use  | 1,746           | 5,619     | 159         | (c)              | (c)                | -         | 8,042     |

- (a) Includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors. (c) Not available for publication. These figures are included in the total for Australia.

2. AVERAGE SALARIES, OUTPUT AND PRODUCTION: Particulars of the average salary and wage paid together with the average values per employee of output and production are shown in the following table for each of the years 1934-35 to 1944-45:-

TABLE III. AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE:  
AUSTRALIA.

| Year    | Salaries and Wages per Employee(a) | Value of Output per Person Engaged(b) | Value of Production Per Person Engaged (b) | Ratio per cent of Salaries and Wages to Value of Production |
|---------|------------------------------------|---------------------------------------|--------------------------------------------|-------------------------------------------------------------|
|         | £                                  | £                                     | £                                          | %                                                           |
| 1934-35 | 121                                | 608                                   | 270                                        | 44.27                                                       |
| 1935-36 | 124                                | 638                                   | 267                                        | 45.98                                                       |
| 1936-37 | 123                                | 689                                   | 285                                        | 43.03                                                       |
| 1937-38 | 143                                | 731                                   | 277                                        | 51.20                                                       |
| 1938-39 | 146                                | 697                                   | 307                                        | 47.28                                                       |
| 1939-40 | 162                                | 808                                   | 365                                        | 44.24                                                       |
| 1940-41 | 171                                | 809                                   | 327                                        | 52.06                                                       |
| 1941-42 | 195                                | 885                                   | 382                                        | 50.87                                                       |
| 1942-43 | 213                                | 1,008                                 | 435                                        | 48.63                                                       |
| 1943-44 | 242                                | 1,104                                 | 485                                        | 49.53                                                       |
| 1944-45 | 256                                | 1,098                                 | 475                                        | 53.63                                                       |

(a) Excludes Working Proprietors and amounts drawn by them. (b) Includes Working Proprietors.

3. MATERIALS USED AND ARTICLES PRODUCED: Particulars of the materials used and articles produced in Rope and Cordage Factories during 1943-44 and 1944-45 are shown in the following table so far as they are available. The quantities and values shown here are those furnished by the establishments included in this Summary only. The figures do not include similar materials used and articles produced, if any, in establishments not classified as Rope and Cordage Factories.

TABLE IV. MATERIALS USED AND ARTICLES PRODUCED : AUSTRALIA.

| Particulars                                          | Unit of Quantity | 1943-44   |            | 1944-45   |            |
|------------------------------------------------------|------------------|-----------|------------|-----------|------------|
|                                                      |                  | Quantity  | Value<br>₹ | Quantity  | Value<br>₹ |
| <u>Materials Used:-</u>                              |                  |           |            |           |            |
| Hard Fibres - Hemp ..                                | cwt              | 4,805     | 11,462     | 4,573     | 12,213     |
| - Sisal ..                                           | "                | 181,225   | 427,600    | 180,141   | 424,413    |
| - Other ..                                           | "                | 954       | 2,966      | 1,289     | 3,360      |
| Soft Fibres - Hemp & Hemp Tow ..                     | "                | (a)       | (a)        | 1,031     | 8,687      |
| - Flax & Flax Tow ..                                 | "                | 27,653    | 253,247    | 34,088    | 229,303    |
| - Jute ..                                            | "                | 63,879    | 233,419    | 70,009    | 264,276    |
| Yarns - Flax ..                                      | lb               | 473,247   | 61,715     | 113,713   | 33,125     |
| - Hemp ..                                            | "                | (a)       | (a)        | (a)       | (a)        |
| - Jute ..                                            | "                | 636,012   | 28,109     | 541,573   | 25,915     |
| - Cotton ..                                          | "                | 1,795,560 | 196,668    | 2,143,135 | 232,926    |
| - Other ..                                           | "                | 216,040   | 16,598     | 381,569   | 17,753     |
| Coir ..                                              | "                | 405,367   | 12,939     | 758,319   | 19,935     |
| Other Materials Used ..                              | "                | -         | 108,736    | -         | 103,822    |
| Total Value of Materials Used                        |                  | -         | 1,360,459  | -         | 1,375,728  |
| <u>Articles Produced:-</u>                           |                  |           |            |           |            |
| Sash and Other Cords ..                              | lb               | 1,589,246 | 231,726    | 1,214,663 | 180,025    |
| Ropes and Cables ..                                  | cwt              | 197,410   | 931,324    | 185,697   | 967,156    |
| Twine-Binder (b) ..                                  | "                | 45,866    | 160,425    | 39,483    | 145,650    |
| Shop ..                                              | "                | 28,343    | 355,541    | 28,958    | 320,661    |
| Other ..                                             | "                | 32,926    | 352,887    | 16,913    | 156,051    |
| Value of Other Articles Produced and Other Work Done | -                | -         | 609,570    | -         | 870,417    |
| Total Value of Output ..                             |                  | -         | 2,641,473  | -         | 2,639,960  |

(a) Not available for publication. Values included with Other Materials Used.  
(b) Includes some Unspecified Twine.

4. EMPLOYMENT: The number of employees in Table I, II & VI has been adjusted to represent the average employment over the whole year in those cases where short time was worked. In the following table the factories have been classified for the years 1938-39 and 1941-42 to 1944-45 according to the average number employed during the actual period worked.

**TABLE V. FACTORIES CLASSIFIED ACCORDING TO HANDS EMPLOYED : AUSTRALIA.**

| Number of Persons Employed in each Factory | 1938-39             |                  | 1941-42             |                  | 1942-43             |                  | 1943-44             |                  | 1944-45             |                  |
|--------------------------------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|
|                                            | Number of Factories | Number Em-ployed | Number of Factories | Number Em-ployed | Number of Factories | Number Em-ployed | Number of Factories | Number Em-ployed | Number of Factories | Number Em-ployed |
| Under 4                                    | 3                   | 7                | 3                   | 7                | 3                   | 7                | 4                   | 11               | 4                   | 10               |
| 4                                          | 1                   | 4                | 1                   | 4                | -                   | -                | 2                   | 8                | 2                   | 8                |
| 5 to 10                                    | 3                   | 24               | 3                   | 21               | 4                   | 23               | 3                   | 22               | 5                   | 36               |
| 11 to 20                                   | -                   | -                | 3                   | 53               | 1                   | 20               | 2                   | 35               | 1                   | 19               |
| 21 to 50                                   | 2                   | 73               | 1                   | 41               | 3                   | 112              | 3                   | 130              | 5                   | 163              |
| 51 to 100                                  | 3                   | 176              | 3                   | 184              | 3                   | 205              | 4                   | 229              | 3                   | 187              |
| Over 100                                   | 6                   | 1,412            | 7                   | 2,132            | 7                   | 2,136            | 6                   | 1,957            | 6                   | 1,982            |
| TOTAL:                                     | 18                  | 1,696            | 21                  | 2,442            | 21                  | 2,503            | 24                  | 2,392            | 26                  | 2,405            |
| Average number Employed per Factory        | 94                  |                  | 116                 |                  | 119                 |                  | 100                 |                  | 93                  |                  |

Further details of employment in Rope and Cordage Factories are furnished in the next three tables. In the first the employees have been classified according to the nature of their employment during the years 1938-39, 1943-44 and 1944-45:-

**TABLE VI. PERSONS EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION : AUSTRALIA.**

| Grade of Occupation            | Males   |         |         | Females |         |         |
|--------------------------------|---------|---------|---------|---------|---------|---------|
|                                | 1938-39 | 1943-44 | 1944-45 | 1938-39 | 1943-44 | 1944-45 |
|                                | No.     | No.     | No.     | No.     | No.     | No.     |
| Working Proprietors            | 11      | 13      | 13      | -       | 1       | 2       |
| Managers and Overseers         | 46      | 96      | 99      | -       | 2       | 2       |
| Clerical Staff                 | 57      | 44      | 47      | 56      | 78      | 83      |
| Engine Drivers and Firemen     | 6       | 10      | 11      | -       | -       | -       |
| Workers, Skilled and Unskilled | 1,002   | 1,198   | 1,332   | 495     | 940     | 799     |
| Other (Carters and Messengers) | 22      | 10      | 17      | -       | -       | -       |
| TOTAL:                         | 1,144   | 1,371   | 1,519   | 551     | 1,021   | 886     |

The next table shows the actual number of persons employed (excluding Working Proprietors) on the pay-day nearest to the 15th of each month for the years 1943-44 and 1944-45:-

**TABLE VII. PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH : AUSTRALIA.**

(Working Proprietors Excluded)

| Month     | 1943-44 |         |       | 1944-45 |         |       |
|-----------|---------|---------|-------|---------|---------|-------|
|           | Males   | Females | Total | Males   | Females | Total |
|           | No.     | No.     | No.   | No.     | No.     | No.   |
| July      | 1,289   | 970     | 2,259 | 1,517   | 902     | 2,419 |
| August    | 1,302   | 970     | 2,272 | 1,524   | 867     | 2,391 |
| September | 1,336   | 967     | 2,303 | 1,503   | 980     | 2,483 |
| October   | 1,303   | 960     | 2,263 | 1,464   | 886     | 2,350 |
| November  | 1,286   | 973     | 2,259 | 1,488   | 881     | 2,369 |
| December  | 1,321   | 974     | 2,295 | 1,500   | 881     | 2,381 |
| January   | 1,322   | 935     | 2,257 | 1,521   | 886     | 2,347 |
| February  | 1,349   | 928     | 2,277 | 1,483   | 817     | 2,300 |
| March     | 1,359   | 909     | 2,268 | 1,513   | 824     | 2,337 |
| April     | 1,402   | 877     | 2,279 | 1,516   | 839     | 2,355 |
| May       | 1,452   | 884     | 2,336 | 1,528   | 838     | 2,366 |
| June      | 1,473   | 881     | 2,354 | 1,522   | 832     | 2,354 |

A classification of the number of employees according to age and sex on or about the 15th June for the years 1939 to 1945, is shown in the next table.

**TABLE VIII. DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA.**

| June | Males          |                      |        |       | Females        |                      |        |       | Persons        |                      |        |       |
|------|----------------|----------------------|--------|-------|----------------|----------------------|--------|-------|----------------|----------------------|--------|-------|
|      | Under 16 Years | 16 and under 21 yrs. | Adults | Total | Under 16 Years | 16 and under 21 Yrs. | Adults | Total | Under 16 Years | 16 and under 21 Yrs. | Adults | Total |
|      |                |                      |        |       |                |                      |        |       |                |                      |        |       |
| 1939 | 115            | 468                  | 582    | 1,165 | 39             | 262                  | 272    | 573   | 154            | 730                  | 854    | 1,738 |
| 1940 | 95             | 452                  | 780    | 1,327 | 25             | 256                  | 358    | 639   | 120            | 708                  | 1,138  | 1,966 |
| 1941 | 72             | 347                  | 939    | 1,358 | 17             | 195                  | 552    | 764   | 89             | 542                  | 1,491  | 2,122 |
| 1942 | 75             | 247                  | 987    | 1,309 | 31             | 206                  | 666    | 903   | 106            | 453                  | 1,653  | 2,212 |
| 1943 | 70             | 195                  | 1,029  | 1,294 | 35             | 234                  | 684    | 953   | 105            | 429                  | 1,713  | 2,247 |
| 1944 | 47             | 221                  | 1,205  | 1,473 | 33             | 193                  | 655    | 881   | 80             | 414                  | 1,860  | 2,354 |
| 1945 | 48             | 192                  | 1,282  | 1,522 | 30             | 170                  | 632    | 832   | 78             | 362                  | 1,914  | 2,354 |

5. **POWER EQUIPMENT:** Statistics of the power equipment of the factories included in this group are given in the next table. The details given include the rated horse-power of engines ordinarily in use together with those in reserve or idle for the years 1938-39, 1943-44 and 1944-45:-

**TABLE IX. TYPES AND RATED HORSEPOWER OF ENGINES : AUSTRALIA.**

| Class of Engine                             | Rated H.P. of Engines |         |         |                       |         |         |
|---------------------------------------------|-----------------------|---------|---------|-----------------------|---------|---------|
|                                             | Ordinarily<br>In Use  |         |         | In Reserve<br>or Idle |         |         |
|                                             | 1938-39               | 1943-44 | 1944-45 | 1938-39               | 1943-44 | 1944-45 |
|                                             | H.P.                  | H.P.    | H.P.    | H.P.                  | H.P.    | H.P.    |
| Steam - Reciprocating ..                    | 350                   | 250     | -       | -                     | -       | -       |
| Turbine ..                                  | -                     | -       | -       | -                     | -       | -       |
| Internal Combustion - Gas ..                | -                     | -       | -       | -                     | -       | -       |
| Petrol or Other Light Oils ..               | -                     | -       | -       | -                     | -       | -       |
| Heavy Oils ..                               | -                     | -       | -       | -                     | -       | -       |
| Water ..                                    | -                     | -       | -       | -                     | -       | -       |
| Total Prime Movers:                         | 350                   | 250     | -       | -                     | -       | -       |
| Motors driven by electricity - Purchased .. | 5,903                 | 7,967   | 8,042   | 80                    | 397     | 680     |
| Own Generation ..                           | -                     | -       | -       | -                     | -       | -       |
| Total Electricity:                          | 5,903                 | 7,967   | 8,042   | 80                    | 397     | 680     |
| TOTAL POWER USED (a)                        | 6,253                 | 8,217   | 8,042   | 80                    | 397     | 680     |

(a) Without Duplication.

6. **CONSUMPTION OF POWER, FUEL AND LIGHT:** Details of the quantities and values of the various items of power, fuel and light used in Rope and Cordage factories are shown for the years 1938-39, 1943-44 and 1944-45 in the following table:-

**TABLE X. POWER, FUEL AND LIGHT, ETC. USED : AUSTRALIA.**

| Particulars                          | Unit of Quantity | Quantity |         |         | Value   |         |         |
|--------------------------------------|------------------|----------|---------|---------|---------|---------|---------|
|                                      |                  | 1938-39  | 1943-44 | 1944-45 | 1938-39 | 1943-44 | 1944-45 |
| Power, Fuel and Light - Coal - Black | Ton              | 1,988    | 3,913   | 3,257   | 3,114   | 8,263   | 7,078   |
| Brown                                | "                | 128      | 244     | 215     | 202     | 358     | 331     |
| Coke                                 | "                | 61       | 62      | 41      | 130     | 156     | 109     |
| Wood                                 | "                | 3        | 118     | 232     | 4       | 181     | 308     |
| Fuel Oil                             | Gal.             | 3,366    | 31,818  | 9,256   | 111     | 1,672   | 479     |
| Electricity                          | -                | (a)      | (a)     | (a)     | 22,088  | 28,553  | 28,591  |
| Gas                                  | -                | (a)      | (a)     | (a)     | 62      | 141     | 69      |
| Water and Lubricating Oil Used       | -                | (a)      | (a)     | (a)     | 2,624   | 6,389   | 6,407   |
| TOTAL:                               | -                | (a)      | (a)     | (a)     | 28,335  | 45,695  | 45,472  |

(a) Value only available.

7. **VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY:** Particulars of the book values of premises occupied and plant used in Rope and Cordage factories at the 30th June for each of the seven years ended 1945 are shown in the next table. Details of the values of additions and replacements made and depreciation allowed during the same period are also shown. It should be noted that the amounts shown are those recorded by factories which were operating during each year and that changes in their number, as well as other factors, affect comparison from year to year.

TABLE XI. VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY : AUSTRALIA.

| Year    | Book Value as at 30th June (a) |               | Additions & Replacements made during year |               | Depreciation allowed during year |               |
|---------|--------------------------------|---------------|-------------------------------------------|---------------|----------------------------------|---------------|
|         | Land & Bldgs.                  | Plant & Mch'y | Land & Bldgs.                             | Plant & Mch'y | Land & Bldgs.                    | Plant & Mch'y |
| 1938-39 | 292,033                        | 344,810       | 23,055                                    | 57,579        | 8,531                            | 30,132        |
| 1939-40 | 327,335                        | 389,395       | 43,197                                    | 82,267        | 8,495                            | 37,521        |
| 1940-41 | 326,896                        | 438,652       | 12,643                                    | 95,182        | 9,210                            | 43,222        |
| 1941-42 | 335,563                        | 432,600       | 14,661                                    | 35,683        | 6,691                            | 42,404        |
| 1942-43 | 349,109                        | 395,552       | 12,144                                    | 13,448        | 6,007                            | 50,527        |
| 1943-44 | 347,896                        | 365,062       | 1,462                                     | 33,116        | 5,736                            | 45,928        |
| 1944-45 | 379,864                        | 350,359       | 28,428                                    | 25,538        | 6,410                            | 46,464        |

(a) Includes estimated value of rented premises and machinery.

8. EXTERNAL TRADE: The values of imports and exports of a number of items included in the group - Rope and Cordage - are given in the following tables for the year 1938-39, 1940-41 to 1944-45:-

TABLE XII. IMPORTS OF ROPE AND CORDAGE : AUSTRALIA

| Item                               | 1938-39  | 1940-41  | 1941-42  | 1942-43  | 1943-44  | 1944-45  |
|------------------------------------|----------|----------|----------|----------|----------|----------|
| Cotton Twines                      | £A 3,730 | £A 3,935 | £A 2,767 | £A 1,959 | £A 7,181 | £A 8,412 |
| Twines (Other than Cotton)         | 12,843   | 5,199    | 2,064    | 476      | 35       | 58       |
| Other Cotton Cordage and Rope      | 171,983  | 197,631  | 289,687  | 356,979  | 227,431  | 51,598   |
| Cordage and Rope Other             | 11,880   | 6,837    | 6,647    | 2,932    | 1,681    | 6,423    |
| Reaper and Binder Twines and Yarns | 1,424    | 339      | -        | -        | 19       | -        |

TABLE XIII. EXPORTS OF ROPE AND CORDAGE : AUSTRALIA

| Item                                           | 1938-39 | 1940-41 | 1941-42 | 1942-43 | 1943-44  | 1944-45  |
|------------------------------------------------|---------|---------|---------|---------|----------|----------|
| Reaper & Binder Twine & Yarn                   | £A 432  | £A 512  | £A 434  | £A 415  | £A 2,199 | £A 2,717 |
| Cordage Unserviceable                          | -       | -       | -       | -       | -        | -        |
| Other, including Manufactures of Cord or Twine | 22,003  | 36,472  | 30,474  | 49,125  | 28,016   | 36,563   |

Particulars of the imports of materials used in the Rope and Cordage industry are shown in the following table for the years 1938-39 to 1944-45:-

TABLE XIV. IMPORTS OF MATERIALS USED : AUSTRALIA.

| Year    | Hemp including Phormium Tenax |            | Coir       |           | Flax      |           | Jute       |           | Other Fibres |           |
|---------|-------------------------------|------------|------------|-----------|-----------|-----------|------------|-----------|--------------|-----------|
|         | Qty.                          | Value      | Qty.       | Value     | Qty.      | Value     | Qty.       | Value     | Qty.         | Value     |
| 1938-39 | 265,051 cwt                   | £A 344,235 | 42,841 cwt | £A 11,245 | 3,286 cwt | £A 20,276 | 44,137 cwt | £A 66,202 | 25,200 cwt   | £A 30,431 |
| 1939-40 | 271,547                       | 421,235    | 33,380     | 26,300    | 3,595     | 45,275    | 51,679     | 124,592   | 11,693       | 35,853    |
| 1940-41 | 271,428                       | 362,387    | 51,230     | 17,345    | 40        | 347       | 61,150     | 136,130   | 11,022       | 35,210    |
| 1941-42 | 214,113                       | 397,739    | 56,645     | 24,295    | -         | -         | 68,251     | 264,102   | 9,738        | 24,805    |
| 1942-43 | 137,641                       | 233,931    | 65,110     | 63,651    | -         | -         | 44,030     | 122,545   | 9,688        | 36,472    |
| 1943-44 | 65,659                        | 116,531    | 36,731     | 45,696    | -         | -         | 96,167     | 327,092   | 11,657       | 31,310    |
| 1944-45 | 260,746                       | 463,322    | 35,469     | 62,230    | -         | -         | 71,780     | 248,974   | 24,503       | 78,613    |

There was a marked development in the growing of flax in Australia during World War II in order to meet the war-time needs of Australia and to contribute towards meeting those of the United Kingdom. As a result of this expansion, Australia was able to produce sufficient flax for its own requirements and to provide a surplus for export, mainly to the United Kingdom. Particulars of the quantities exported for 1938-39 and following years are:- 1938-39, 766 cwt; 1939-40, nil; 1940-41, nil; 1941-42, 5,583 cwt; 1942-43, 25,986 cwt; 1943-44, 42,327 cwt; 1944-45, 45,569 cwt. Exports of other materials similar to flax are negligible.

9. MINIMUM WEEKLY RATES OF WAGE: The following table shows the weekly minimum rates of wage in operation at 30th June 1945 as prescribed by Commonwealth and State Industrial Tribunals. Where no rate is shown it indicates that the particular occupation is not specifically provided for. In all cases the number of hours constituting a full week's work is 44.



TABLE XV. ROPE AND CORDAGE (CAPITAL CITIES)

Minimum Weekly Rates of Wage  
as at 30th June, 1945.

| Occupation            | New South<br>Wales<br>(C) | Victoria<br>(C) | Queens-<br>land<br>(S) | South<br>Australia<br>(S) | Western<br>Australia<br>(S) | Tasmania |
|-----------------------|---------------------------|-----------------|------------------------|---------------------------|-----------------------------|----------|
|                       | s. d.                     | s. d.           | s. d.                  | s. d.                     | s. d.                       |          |
| Layer (12 strand)     | 129 0                     | 129 0           | (b)                    | ..                        | (c)                         | ..       |
| Layer (9 strand)      | 124 0                     | 124 0           |                        | ..                        |                             | ..       |
| Other Layers          | 120 0                     | 120 0           |                        | ..                        |                             | ..       |
| Spinner (foreman)     | 125 0                     | 125 0           |                        | 111 0                     |                             | ..       |
| Splicer               | 119 0                     | 119 0           |                        | ..                        |                             | ..       |
| Feeder (1st Spreader) | 113 0                     | 113 0           |                        | 98 0                      |                             | ..       |
| Damp mixer            | 112 0                     | 112 0           |                        | 94 0                      |                             | ..       |
| Winder                | 113 0                     | 113 0           |                        | 94 0                      |                             | ..       |
| Warper                | 113 0                     | 113 0           |                        | 94 0                      |                             | ..       |
| Fender Maker          | 113 0                     | 113 0           |                        | 94 0                      |                             | ..       |
| Pig net maker         | 112 0                     | 112 0           |                        | 94 0                      |                             | ..       |
| Scutcher              | 110 0                     | 110 0           |                        | 94 0                      |                             | ..       |
| Matting weaver        | 112 0                     | 112 0           |                        | ..                        |                             | ..       |
| Mat finisher          | 112 0                     | 112 0           |                        | ..                        |                             | ..       |
| Reeler, Power         | 112 0                     | 112 0           |                        | 97 0                      |                             | ..       |
|                       | and                       | and             |                        |                           |                             |          |
| Reeler, Hand          | 115 0                     | 115 0           |                        | 97 0                      |                             | ..       |
|                       | 110 0                     | 110 0           |                        |                           |                             |          |
| Fishing Line Maker    | 112 0                     | 112 0           |                        | 94 0                      |                             | ..       |
| Females Adult         | 62 0                      | 62 0            | ..                     | ..                        | 53 11                       | ..       |
|                       | to                        | to              |                        |                           |                             |          |
|                       | 67 0                      | 67 0            |                        |                           |                             |          |
|                       | (a)                       | (a)             |                        | (a)                       |                             |          |
| Juniors - Males       |                           |                 |                        |                           |                             |          |
| Under 16 years        | 31 9                      | 31 9            | ..                     | 29 10                     | 26 0                        | ..       |
| 16 years              | 41 9                      | 41 9            | 33 0                   | 37 4                      | 37 0                        | ..       |
| 17 years              | 51 9                      | 51 9            | 39 0                   | 49 11½                    | 47 0                        | ..       |
| 18 "                  | 62 3                      | 62 3            | 45 0                   | 55 11½                    | 56 11                       | ..       |
| 19 "                  | 72 3                      | 72 3            | 53 0                   | 65 7½                     | 65 11                       | ..       |
| 20 "                  | 80 9                      | 80 9            | 65 0                   | 73 5½                     | 79 11                       | ..       |
| Juniors - Females     |                           |                 |                        |                           |                             |          |
| Under 16 years        | 30 3                      | 30 3            | ..                     | ..                        | 23 2                        | ..       |
| 16 years              | 34 9                      | 34 9            | ..                     | ..                        | 27 6                        | ..       |
| 17 "                  | 39 9                      | 39 9            | ..                     | ..                        | 32 4                        | ..       |
| 18 "                  | 44 9                      | 44 9            | ..                     | ..                        | 37 2                        | ..       |
| 19 "                  | 50 9                      | 50 9            | ..                     | ..                        | 43 2                        | ..       |
| 20 "                  | 57 9                      | 57 9            | ..                     | ..                        | 48 6                        | ..       |

C. denotes Commonwealth Award. S. denotes State Award.

(a) There are also specified rates under the Commonwealth and South Australian Awards for Junior Males in certain occupations.

(b) Head rope layer 115/-; Experienced labourer 106/-; All Other adult male employees 101/-.

(c) Rope-maker 114/11; Assistant rope-maker 104/11; Factory hands (male) 99/11.