

**PRODUCTION SUMMARY NO. 52**  
**ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS (a)**  
**AUSTRALIA : AUGUST 1976**

All annual figures are derived from the recorded monthly production and are subject to revision.

As from July 1975 production statistics exclude production of single establishment manufacturing enterprises employing less than four persons and production of establishments predominantly engaged in non-manufacturing statistics but which may carry on, in a minor way, some manufacturing.

However, except for a few commodities, the effect on production levels and movements is marginal. An indication of the approximate magnitude of the break in comparability may be obtained by comparing annual 1974-75 data which are shown in this publication on both the old and the new basis.

**TABLE 1. ELECTRICAL POWER FREQUENCIES TRANSFORMERS,  
 CHOKES AND BALLASTS FOR TRANSMISSION AND DISTRIBUTION OF POWER**  
 (Number)

| Period                 | Over 1 kVA up to and<br>including 50 kVA | Over 50 kVA<br>up to and<br>including<br>500 kVA<br>(683.05) | Over 500 kVA<br>up to and<br>including<br>1,000 kVA<br>(683.07) | Over<br>1,000 kVA<br>up to and<br>including<br>10,000 kVA<br>(683.09) | Over<br>10,000 kVA<br>(683.11) | Total         |
|------------------------|------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|---------------|
| 1973-74                | 7,273                                    | 1,786                                                        | 3,891                                                           | 258                                                                   | 69                             | 13,948        |
| 1974-75                | <u>8,935</u>                             | <u>2,126</u>                                                 | <u>5,289</u>                                                    | <u>299</u>                                                            | <u>77</u>                      | <u>17,456</u> |
| 1974-75 (c)            | 8,912                                    | 2,005                                                        | 5,237                                                           | 299                                                                   | 77                             | 17,260        |
| 1975-76                | 7,981                                    | 1,599                                                        | 4,509                                                           | 234                                                                   | 82                             | 15,025        |
| 1975 -                 |                                          |                                                              |                                                                 |                                                                       |                                |               |
| July                   | 785                                      | 172                                                          | 445                                                             | 27                                                                    | 10                             | 1,516         |
| August                 | 781                                      | 172                                                          | 488                                                             | (b)                                                                   | (b)                            | 1,510         |
| September              | 645                                      | 135                                                          | 454                                                             | (b)                                                                   | (b)                            | 1,324         |
| October                | 930                                      | 148                                                          | 410                                                             | (b)                                                                   | (b)                            | 1,555         |
| November               | 693                                      | 167                                                          | 370                                                             | (b)                                                                   | (b)                            | 1,309         |
| December               | 789                                      | 149                                                          | 352                                                             | (b)                                                                   | (b)                            | 1,386         |
| 1976 -                 |                                          |                                                              |                                                                 |                                                                       |                                |               |
| January                | 253                                      | 51                                                           | 103                                                             | (b)                                                                   | (b)                            | 430           |
| February               | 596                                      | 74                                                           | 376                                                             | (b)                                                                   | (b)                            | 1,094         |
| March                  | 671                                      | 129                                                          | 431                                                             | (b)                                                                   | (b)                            | 1,304         |
| April                  | 567                                      | 180                                                          | 387                                                             | (b)                                                                   | (b)                            | 1,213         |
| May                    | 810                                      | 95                                                           | 395                                                             | (b)                                                                   | (b)                            | 1,389         |
| June                   | 461                                      | 127                                                          | 348                                                             | (b)                                                                   | (b)                            | 995           |
| July                   | 669                                      | 202                                                          | 314                                                             | 22                                                                    | 6                              | 1,241         |
| August                 | 809                                      | 115                                                          | 391                                                             | 21                                                                    | 6                              | 1,400         |
| 1975-76 : July to Aug. | 1,566                                    | 344                                                          | 933                                                             | (b)                                                                   | (b)                            | 3,026         |
| 1976-77 : July to Aug. | 1,478                                    | 317                                                          | 705                                                             | 43                                                                    | 12                             | 2,641         |

(a) Includes those made for incorporation by manufacturers in own products. Excludes audio, input, R.F. and higher frequencies types and automotive coils. Dual rating transformers are classified according to the maximum capacity at which they can operate as constructed at the time of manufacture. (b) Not available for publication. (c) Excludes the production of certain small producers. See explanatory notes above.

TABLE 2. ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS FOR TRANSMISSION AND DISTRIBUTION OF POWER - (Total kVA)

| Period                | Over 1 kVA up to and including 50 kVA |                      | Over 50 kVA up to and including 500 kVA (683.55) | Over 500 kVA up to and including 1,000 kVA (683.57) | Over 1,000 kVA up to and including 10,000 kVA (683.59) | Over 10,000 kVA (683.61) | Total     |
|-----------------------|---------------------------------------|----------------------|--------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|--------------------------|-----------|
|                       | Single phase (683.53)                 | Three phase (683.54) |                                                  |                                                     |                                                        |                          |           |
| 1973-74               | 88,681                                | 60,561               | 923,459                                          | 576,056                                             | 708,506                                                |                          | 5,958,839 |
| 1974-75               | 103,286                               | 76,841               | 1,331,288                                        | 600,975                                             | 825,699                                                | 3,601,576                | 6,001,133 |
| 1974-75 (b)           | 103,046                               | 72,951               | 1,317,436                                        | 600,975                                             | 825,699                                                | 2,963,044                | 5,983,151 |
| 1975-76               | 96,998                                | 60,083               | 1,085,951                                        | 522,190                                             | 732,935                                                | 4,000,100                | 6,498,257 |
| 1975 -                |                                       |                      |                                                  |                                                     |                                                        |                          |           |
| July                  | 10,684                                | 6,429                | 101,200                                          | 71,300                                              | 59,300                                                 | 565,000                  | 813,913   |
| August                | 8,469                                 | 6,018                | 110,700                                          | 38,800                                              | (a)                                                    | (a)                      | 396,652   |
| September             | 7,336                                 | 5,075                | 93,805                                           | 50,150                                              | (a)                                                    | (a)                      | 487,366   |
| October               | 10,060                                | 5,607                | 105,019                                          | 28,550                                              | (a)                                                    | (a)                      | 821,686   |
| November              | 9,509                                 | 6,617                | 93,350                                           | 48,500                                              | (a)                                                    | (a)                      | 452,326   |
| December              | 10,555                                | 7,025                | 87,571                                           | 57,850                                              | (a)                                                    | (a)                      | 690,501   |
| 1976 -                |                                       |                      |                                                  |                                                     |                                                        |                          |           |
| January               | 2,263                                 | 1,742                | 31,500                                           | (a)                                                 | (a)                                                    | (a)                      | 208,305   |
| February              | 6,915                                 | 2,965                | 76,056                                           | (a)                                                 | (a)                                                    | (a)                      | 382,836   |
| March                 | 10,193                                | 4,300                | 113,850                                          | 37,290                                              | (a)                                                    | (a)                      | 314,733   |
| April                 | 7,602                                 | 6,587                | 95,400                                           | 39,650                                              | (a)                                                    | (a)                      | 309,089   |
| May                   | 7,500                                 | 3,705                | 87,000                                           | 47,500                                              | (a)                                                    | (a)                      | 916,325   |
| June                  | 5,912                                 | 4,013                | 90,500                                           | 33,400                                              | (a)                                                    | (a)                      | 704,525   |
| July                  | 8,613                                 | 6,839                | 74,375                                           | 25,950                                              | 122,250                                                | 134,000                  | 372,027   |
| August                | 10,627                                | 4,375                | 89,110                                           | 51,850                                              | 91,550                                                 | 192,000                  | 439,512   |
| 1975-76: July to Aug. | 19,153                                | 12,447               | 211,900                                          | 110,100                                             | (a)                                                    | (a)                      | 1,210,565 |
| 1976-77: July to Aug. | 19,240                                | 11,214               | 163,485                                          | 77,800                                              | 213,800                                                | 326,000                  | 811,539   |

(a) Not available for publication. (b) Excludes the production of certain small producers. See explanatory notes on page 1.

TABLE 3. ELECTRICAL POWER FREQUENCIES TRANSFORMERS, CHOKES AND BALLASTS FOR OTHER PURPOSES (Number)

| Period                | For fluorescent and neon lighting and signs - Hot cathode |                   |                        |           | For radio receivers, record players, etc. (649.51) | For television receivers (649.55) | For electrical welding equipment (683.31) | For other purposes |        |
|-----------------------|-----------------------------------------------------------|-------------------|------------------------|-----------|----------------------------------------------------|-----------------------------------|-------------------------------------------|--------------------|--------|
|                       | Under 40 watts (683.13)                                   | 40 watts (683.16) | Over 40 watts (683.18) | Total     | Up to and including 1 kVA (683.38-40)              | Over 1 kVA (683.43,45)            |                                           |                    |        |
| 1973-74               | 889,354                                                   | 3,625,858         | 495,783                | 5,010,995 | 758,516                                            | 806,950                           | 31,740                                    | 1,086,232          | 8,973  |
| 1974-75               | 624,732                                                   | 2,466,275         | 4,40,019               | 3,505,026 | 509,054                                            | 475,453                           | 24,099                                    | 861,939            | 11,608 |
| 1974-75               | 634,732                                                   | 2,466,275         | 4,40,019               | 3,505,026 | 508,054                                            | 475,453                           | 24,099                                    | 851,062            | 11,537 |
| 1975-76 (a)           | 954,995                                                   | 2,890,661         | 280,234                | 4,125,890 | 158,805                                            | 323,392                           | 25,927                                    | 825,855            | 11,610 |
| 1975 -                |                                                           |                   |                        |           |                                                    |                                   |                                           |                    |        |
| July                  | 65,566                                                    | 254,791           | 23,987                 | 344,344   | 36,085                                             | 43,446                            | 2,554                                     | 52,411             | 1,392  |
| August                | 87,849                                                    | 250,490           | 25,930                 | 364,269   | 33,976                                             | 44,047                            | 2,794                                     | 81,412             | 880    |
| September             | 84,083                                                    | 225,919           | 30,792                 | 340,794   | 15,678                                             | 38,003                            | 2,312                                     | 80,100             | 783    |
| October               | 97,136                                                    | 284,906           | 27,208                 | 409,250   | 6,757                                              | 50,980                            | 2,543                                     | 98,347             | 814    |
| November              | 94,272                                                    | 309,576           | 21,204                 | 425,052   | 8,486                                              | 27,235                            | 2,404                                     | 80,331             | 832    |
| December              | 95,044                                                    | 264,795           | 18,720                 | 378,559   | 8,038                                              | 20,021                            | 1,962                                     | 60,444             | 654    |
| 1976 -                |                                                           |                   |                        |           |                                                    |                                   |                                           |                    |        |
| January               | 26,611                                                    | 150,061           | 8,018                  | 184,690   | 2,283                                              | 6,983                             | 1,122                                     | 29,096             | 371    |
| February              | 82,125                                                    | 262,597           | 26,725                 | 371,447   | 9,534                                              | 16,798                            | 2,062                                     | 63,796             | 946    |
| March                 | 100,470                                                   | 289,211           | 29,330                 | 419,011   | 12,213                                             | 16,188                            | 2,229                                     | 85,288             | 1,270  |
| April                 | 58,167                                                    | 228,586           | 21,461                 | 308,214   | 7,845                                              | 22,570                            | 1,928                                     | 70,351             | 1,025  |
| May                   | 88,929                                                    | 203,056           | 16,355                 | 308,340   | 8,753                                              | 15,784                            | 2,074                                     | 63,865             | 1,426  |
| June                  | 74,743                                                    | 166,673           | 30,504                 | 271,920   | 8,156                                              | 21,337                            | 1,943                                     | 60,414             | 1,217  |
| July                  | 103,513                                                   | 166,720           | 51,896                 | 322,129   | 3,050                                              | 14,577                            | 2,216                                     | 48,654             | 1,198  |
| August                | 82,153                                                    | 205,016           | 39,687                 | 326,856   | 6,806                                              | 21,162                            | 2,659                                     | 50,540             | 1,315  |
| 1975-76: July to Aug. | 153,415                                                   | 505,281           | 49,917                 | 708,613   | 70,062                                             | 87,493                            | 5,348                                     | 133,823            | 2,272  |
| 1976-77: July to Aug. | 185,666                                                   | 371,736           | 91,583                 | 648,985   | 9,856                                              | 35,739                            | 4,875                                     | 99,194             | 2,513  |

(a) Excludes the production of certain small producers. See explanatory notes on page 1.

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NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning Mr. Cyril Rees on 52 5558 or, in each State capital, by telephoning the office of the Australian Bureau of Statistics.

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