This Public Bill originated in the Legislative Assembly, and, having this day passed, is now ready for presentation to the Legislative Council for its concurrence.
R. E. WARD, Clerk of the Legislative Assembly.

## Legislative Assembly Chamber, <br> Sydney 3 April, 1974.

## $32 \mathfrak{m}$ South $\mathfrak{T l a l e s}$



ANNO VICESIMO TERTIO ELIZABETHE II REGINE

## Act No. , 1974.

An Act to facilitate the adoption of the metric system of measurement; to amend references to physical quantities in certain Acts; and for purposes connected therewith.

## Metric Conversion.

$\mathrm{B}^{\mathrm{E}}$E it enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as
follows:-

1. This Act may be cited as the "Metric Conversion Act, Short title. 1974".
2. The provisions of this Act, other than the provisions Purpose of ofAct.

10 (a) section 5, in so far as the provisions of that section effect the amendments specified by Items 441 and 466;
(b) Items 441 and 466; and
(c) sections 11 and 12 ,

15 are for the purpose of metric conversion.
3. In this Act or in an instrument made for the purposes Interpretaof this Act, a reference to an Item or Item number, however tion. expressed, is a reference to a number in the column headed "Item No." in Column 2 of the Schedule and the provision 20 of the Schedule set forth opposite that number.
4. (1) This section and sections 1,2 and 3 shall Commencecommence on the date of assent to this Act.
(2) Except as provided in subsection (1)-
(a) the provisions of this Act, other than the provisions referred to in paragraphs (b) and (c), shall commence on such day or days as may be appointed by the Governor in respect thereof and as may be notified by proclamation published in the Gazette;
(b)

Act No. , 1974.

## Metric Conversion.

(b) the provisions of section 5 , in so far as they effect an amendment specified by an Item in the Schedule, and of that Item, shall commence on such day as may be appointed by the Governor in respect of that Item, whether by reference to that Item or otherwise, and as may be notified by proclamation published in the Gazette; and
(c) the provisions of-
(i) section 10 ; and
(ii) notwithstanding paragraph (b), the provisions of section 5 to the extent to which they effect the amendments specified by Items 585 to 590, and of those Items,
shall be deemed to have commenced on 1st January, 1974.
5. Each Act specified in Column 1 of the Schedule is Amendment amended in the provision of that Act specified opposite of Acts. thereto in the column headed "Provision of Act" in Column 2 of the Schedule-
(a) by omitting from that provision the matter specified opposite that provision in the column headed "Matter to be omitted" in Column 2 of the Schedule, other than such matter, if any, as appears in brackets and is printed in italics; and

25 (b) by inserting instead the matter specified opposite that provision in the column headed "Matter to be inserted" in Column 2 of the Schedule.
6.

Act No. , 1974.

## Metric Conversion.

6. The Mines Inspection Act, 1901, is further amended- Further amendment of Act No. 75, 1901.
(a) by omitting Table B in section 55 (56) (q) (xiv) Sec. 55. (2) and by inserting instead the following table :- (General

Table B.

| Column 1 | Column 2 |
| :---: | :---: |
| Overall Length of Pole | Depth of Pole in Earth |
| 8 metres | 1.4 metres |
| 9 metres | 1.5 metres |
| 12 metres | 1.7 metres |
| 14 metres | 2.8 metres |
| 15 metres | 2.0 metres |
| 17 metres | 2.3 metres |
| 18 metres | 2.3 metres |
| 20 metres | 2.4 metres |
| 21 metres | 2.6 metres |

(b) by omitting Table E in section 55 (56) (q) (xxvi) (1) and by inserting instead the following table :-

Table E.


## Metric Conversion.

(c) by omitting Table F in section 55 (56) (q) (xxvii) and by inserting instead the following table :-

Table F .

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | Voltage not exceeding 650 volts |  | Voltage exceeding 650 volts but not exceeding 33 kilovolts | Voltage exceeding 33 kilovolts |
| 10 | $\begin{array}{\|c} \text { Bare } \\ \text { neutral } \\ \text { conductor } \\ \text { or } \\ \text { insulated } \\ \text { conductor } \end{array}$ | Bare phase conductor |  |  |
| 15 (a) Any part of any roof or similar structure, vertically below an overhead line and normally accessible to persons. | 3 metres vertically | 4 metres vertically | 5 metres vertically | 6 metres vertically |
| 20 (b) Any part of any roof or similar structure, vertically below an overhead line and not normally accessible to persons. | 3 metres vertically | 3 metres vertically | 4 metres vertically | 5 metres vertically |
| 25 (c) A wall or structure not normally accessible to persons. | 50 centimetres in any direction | $\begin{aligned} & \mathbf{1} \text { metre } \\ & \text { in any } \\ & \text { direction } \end{aligned}$ | 2 metres in any direction | 4 metres in any direction |
| (d) Any window opening, any 30 balcony, verandah or the 30 like. | 1.5 metres in any direction | 2 metres in any direction | 2.5 metres in any direction | 4 metres in any direction |

Act No. , 1974.

## Metric Conversion.

(d) by omitting from section 55 (56) (q) (xxviii) (2) the matter in the columns headed "Higher Voltage." and "Clearance to next Circuit." and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage.
Clearance to next Circuit.

Above 650 volts but not exceeding 33 kilovolts .. .. 1.5 metres

Above 33 kilovolts but not exceeding 66 kilovolts .. 2 metres

Above 66 kilovolts but not exceeding 132 kilovolts .. 2.5 metres
(e) by omitting from section 55 (56) (q) (xxix) (b) the matter in the columns headed "Higher Voltage of either Circuit" and "Clearance" and the headings to those columns and by inserting instead the following matter and headings:-

Higher Voltage of either Circuit. Clearance.
Not exceeding 650 volts .. .. 1.5 metres

Not exceeding 33 kilovolts .. 2 metres
Not exceeding 66 kilovolts .. 2.5 metres
Not exceeding 132 kilovolts .. 4 metres
Exceeding 132 kilovolts .. .. 5 metres

Act No. , 1974.

## Metric Conversion.

7. The Coal Mines Regulation Act, 1912, is further Further amendedamendment of Act No. 37, 1912 .
(a) by omitting Table A and Table B in Rule 1A (1) Sec. 54. of section 54 and by inserting instead the following (Gules.) tables :-

TABLE A.
Showing "still air effective temperatures" to the nearest tenth degree Celsius.

|  <br>  <br>  <br> 10Wet <br> Bulb <br> Deg. <br> De. <br>  <br> C. | Dry Bulb Temperatures in Deg. C. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 29.4 | 28.9 | $28 \cdot 3$ | $27 \cdot 8$ | $27 \cdot 2$ | $26 \cdot 7$ | $26 \cdot 1$ | $25 \cdot 6$ | 25.0 | 24.4 | 23.9 |
| $29 \cdot 4$ | 29.4 |  |  |  |  |  |  |  |  |  |  |
| $28 \cdot 9$ | $29 \cdot 1$ | 28.9 |  |  |  |  |  |  |  |  |  |
| $15^{28 \cdot 3}$ | $28 \cdot 6$ | $28 \cdot 6$ | $28 \cdot 3$ |  |  |  |  |  |  |  |  |
| $1527 \cdot 8$ | 28.3 | 28.0 | 28.0 | $27 \cdot 8$ |  |  |  |  |  |  | (1) |
| $27 \cdot 2$ | $28 \cdot 0$ | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 5$ | $27 \cdot 2$ |  |  |  |  |  |  |
| $26 \cdot 7$ | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 2$ | $26 \cdot 9$ | $26 \cdot 9$ | $26 \cdot 7$ |  |  |  |  |  |
| $26 \cdot 1$ | $27 \cdot 2$ | $26 \cdot 9$ | 26.9 | $26 \cdot 7$ | $26 \cdot 4$ | 26.4 | $26 \cdot 1$ |  |  |  |  |
| $2 \begin{gathered}25 \cdot 6\end{gathered}$ | $26 \cdot 9$ | $26 \cdot 7$ | $26 \cdot 4$ | 26.4 | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ |  |  |  |
| 2025.0 | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 5$ | 25.5 | $25 \cdot 3$ | 25.0 |  |  |
| $24 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | 25.0 | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ |  |
| $23 \cdot 9$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | 25.3 | 25.0 | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 |
| $23 \cdot 3$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 9$ | $23 \cdot 6$ |
| $25^{22 \cdot 8}$ | $25 \cdot 3$ | 25.0 | 25.0 | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 6$ | $23 \cdot 3$ |
| $25 \quad 22 \cdot 2$ | 25.0 | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ |
| $21 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | $22 \cdot 5$ |
| $\underline{21.1}$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | $22 \cdot 5$ | $22 \cdot 2$ |

TABLE B.
30
Correction to be applied to "still air effective temperature" obtained from Table A to allow for air movement.

| Air Movement in Metres per Second |  | Correction to be <br> Substracted in Deg. C. |
| :---: | :---: | :---: |
| from- |  | to- |

45
(b) by omitting the definition of Sieves in the Introduction to the Sixth Schedule and by inserting instead the following definition :-

Sieves

Act No. , 1974.
Metric Conversion.
Sieves designated of nominal aperture size 63 micrometres and 250 micrometres means wire woven test sieves (grade B) manufactured in accordance with Australian Standard 1152-1973 (as amended to 1st April, 1974) ;
(c) by omitting Appendix I, Appendix II and Appendix III to the Seventh Schedule and by inserting instead the following appendices :-

## APPENDIX I.

CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE I.-RUBBER INSULATED CABLES. (Standard Annealed Copper.)
15 Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| 20 | Number and Diameter (millimetres) of Wires comprising Conductor.* | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Two Single-core Cables. <br> (3) | One Twin Cable or Four Singlecore Cables. <br> (4) | One Three or Four-core or Six Single-core Cables. <br> (5) |
|  | 1/1.12 | $\mathrm{mm}^{2}$ | A 6.1 | A 4.9 | A $4 \cdot 3$ |
| 30 | 3/0.74 | 1.3 | $7 \cdot 8$ | $6 \cdot 4$ | $5 \cdot 5$ |
| 30 | 3/0.91 | 1.9 | $12 \cdot 0$ | $9 \cdot 6$ | $8 \cdot 3$ |
|  | 1/1.63 | 1.9 | $12 \cdot 9$ | $10 \cdot 3$ | $9 \cdot 1$ |
|  | 7/0.74 | 2.9 | $18 \cdot 2$ | $14 \cdot 6$ | $12 \cdot 6$ |
|  | 7/0.91 | 4.5 | 24 | $19 \cdot 2$ | $16 \cdot 5$ |
| 35 | 7/1-12 | $6 \cdot 5$ | 34 | 27 | 24 |
| 35 | 7/1.32 | $9 \cdot 5$ | 43 | 34 | 30 |
|  | 7/1.63 | $14 \cdot 5$ | 55 | 44 | 39 |
|  | 19/1-12 | $19 \cdot 5$ | 65 | 52 | 46 |
|  | 19/1.32 | 26 | 78 | 63 | 55 |
| 40 | 19/1.63 | 39 | 105 | 84 | 74 |
| 40 | 19/1.83 | 48 | 123 | 98 | 86 |
|  | 19/2-11 | 65 | 152 | 122 | 106 |
|  | 37/1.63 | 77 | 174 | 140 | 122 |
|  | 37/1.83 | 97 | 205 | 160 | 145 |
| 45 | 37/2.11 | 129 | 254 | 200 | 180 |
| 45 | 37/2-36 | 161 | 293 | 235 | 205 |
|  | 37/2.62 | 194 | 330 | 265 | 230 |
|  | 61/2.36 | 258 | 400 | 320 | 280 |
|  | 61/2.62 | 323 | 460 | 370 | 325 |
| 50 | 91/2.36 | 387 | 514 | 410 | 360 |
|  | $91 / 2 \cdot 62$ | 484 | 592 | $\cdots$ | .. |
|  | $127 / 2 \cdot 36$ $127 / 2 \cdot 62$ | 548 645 | 640 712 | $\cdots$ | . |

* The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.


## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Electrical Research Association Research Report FT/60.
(c) No rubber insulated cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.

10 (d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

| 15 | Initial Ambient Temperature Degrees Celsius | Amperes permissible be mutiplied |
| :---: | :---: | :---: |
|  | 29.4 | 0.928 |
|  | 32.2 | 0.852 |
| 20 | 35.0 | 0.770 |
|  | 37.8 | 0.681 |
|  | 40.6 | 0.580 |
|  | 43.3 | 0.466 |

## Metric Conversion.

APPENDIX II.

## CURRENT-CARRYING CAPACITY.

(Seventh Schedule-Regulation 53.)

TABLE II.-PAPER INSULATED AND LEAD COVERED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum
Permissible Temperature of $76.7^{\circ}$ Celsius.


* The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.

Notes.

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Tables 5 and 6 of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings, 10th Edition.
(c) In all cases the current of paper insulated and lead covered cables shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 76.7 degrees Celsius.
(d) The table refers to situations where the temperature of the sur10 roundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius, the permissible current shall be
reduced in accordance with the following reduction factors:-

| Initial Am Temper Degrees C | ient re sius | Amperes permissible to be multiplied by |
| :---: | :---: | :---: |
| 29.4 |  | 0.970 |
| 32.2 |  | 0.938 |
| 35.0 |  | 0.904 |
| 37.8 |  | 0.870 |
| 40.6 | . | 0.834 |
| 43.3 |  | 0.800 |
| 46.1 |  | 0.762 |
| 48.9 |  | 0.722 |
| 54.4 |  | 0.638 |
| 60.0 |  | 0.544 |

APPENDIX III.
(Seventh Schedule-Regulation 53.)
TABLE III.-FLEXIBLE CORDS AND CABLES.
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| 35 Cross Sectional Area. | Stranding. | Current Carrying Capacity. <br> (Subject to Voltage-drop and Adjustment for Ambient Temperature.) |  |
| :---: | :---: | :---: | :---: |
|  |  | Continuous. | Intermittent. |
| mm ${ }^{2}$ |  | A | A |
| $1 \cdot 1 \ldots \ldots$ | $40 / .193 \mathrm{~mm}$ | $7 \cdot 5$ | $7 \cdot 5$ |
| $40 \quad 1.9$ | $70 / .193 \mathrm{~mm}$ | 10 | 10 |
| $403 \cdot 1$ | $110 / .193 \mathrm{~mm}$ | 15 | 15 |
| 4.5 . | $162 / .193 \mathrm{~mm}$ | 20 | 20 |
| $6 \cdot 5$. | 97/.305 mm | 25 | 35 |
| 9.5 | $60 / .457 \mathrm{~mm}$ | 30 | 42 |
| $4514 \cdot 5$ | 91/.457 mm | 37 | 51 |
| $19.5$ | $117 / .457 \mathrm{~mm}$ | 42 | 59 |
| 26 | $163 / .457 \mathrm{~mm}$ | 51 | 71 |
| 39 | $248 / .457 \mathrm{~mm}$ | 61 | 92 |

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on those of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings and of British Standard Specification No. 708 "Trailing Cables for Mining Purposes."
(c) No rubber insulated flexible cord or cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius, and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the sur15 roundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

## Initial Ambient Temperature

Amperes

$$
32.2
$$

$$
\ldots . . .
$$

$$
35.0 \quad \ldots \ldots \ldots \ldots . . . . . . .
$$

$$
37.8 \quad \ldots . . . . . . . . . . . . . .
$$

$$
40.6 \quad \ldots \ldots \ldots . . . . . . . . . . .
$$

$$
43.3 \quad \text {. . . . . . . . . . . . . . . . . . . . . . } 0.466
$$

8. The Irrigation Act, 1912, is further amended by Further omitting section 13A (5). amendment of Act No. 73, 1912. Sec. 13A. (Supply of water during hours of daylight.)
9. The Crown Lands Consolidation Act, 1913, is further Further 30 amendedamendment of Act No. 7, 1913.
(a) by omitting from section 65 the words "per acre"; Sec. 65 .
(b) by omitting from section 66 (1) the words "per Sec. 66. acre".
(Miscel-
laneous special
10. purchases.)

## Metric Conversion.

10. (1) The Gas and Electricity Act, 1935, is further Further amendedamendment of Act No. 42, 1935.
(a) (i) by omitting the definition of "British thermal Sec. 3. unit" in section 3 ;
(ii) by omitting the definition of "Gas unit" in section 3 and by inserting instead the following definition :-
"Heating value" or "heating power", in relation to a gas, means the number of megajoules per standard cubic metre;
(b) by omitting section 23 (3) and by inserting instead Sec. 23. the following subsection :-

## (Heating

(3) A gas company shall supply gas at a pressure of not less than 750 pascals nor greater than 1500 pascals between the hours of $5 \mathrm{a} . \mathrm{m}$. and 9 p.m. and not less than 500 pascals between the hours of $9 \mathrm{p} . \mathrm{m}$. and $5 \mathrm{a} . \mathrm{m}$.

Such pressure shall be measured at such points as may be prescribed.
(c) by omitting from section 33 the words "not Sec. 33. exceeding seven one hundred and twentieths of one $\begin{gathered}\text { Chiring of for }\end{gathered}$ cent for each gas unit supplied". hiring of meter.)
(2) The repeal and re-enactment of section 23 (3) of the Gas and Electricity Act, 1935, effected by subsection 25 (1) (b), do not repeal the regulations made for the purposes of that section of that Act.
11. On the day on which Item 441 commences, the Water Act, number of water rights (within the meaning of section 130 of 1912 the Water Act, 1912, immediately before the amendment of provision.
30 that section by Item 441) which, immediately before that day, were attached to a holding within a district constituted under Part VI of the Water Act, 1912, shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number.

Act No. , 1974.

## Metric Conversion.

12. Notwithstanding the provisions of sections 7, 7A, 7B Irrigation and 7 c of the Irrigation Act, 1912, on the day on which Item Act, $1912-$ 466 commencesprovision.
(a) the number of water rights (within the meaning of section 3 of the Irrigation Act, 1912, immediately before the amendment of that section by Item 466) which, immediately before that day, were attached to or were a fixed charge on holdings within irrigation areas constituted under that Act shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number; and
(b) the price of the water rights referred to in paragraph (a) shall be reduced in the ratio of four to five.

## Metric Conversion.

SCHEDULE.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

SChedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


Act No. , 1974.

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

## Schedule-continued.



Act No. , 1974.

## Metric Conversion.

Schedule-continued.


Act No. , 1974.

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


Act No. , 1974.

## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 5 1956, No. 10 .. | Hunter $\begin{gathered}\text { Flood } \\ \text { tion Act, } \\ \text { Mitiga- } \\ \text { Miga- }\end{gathered}$ | Section 9 (3) (d) | two chains | 40 metres .. .. | 63 |
| 1957, No. 29 .. | Credit-sale Agreements Act, 1957. | Section 9 (1) .. .. | five miles | 8 kilometres .. .. | 632 |
| 10 1960, No. 33 .. | Hire-Purchase Act, 1960. | Section 45 (2) (b) (i). . | five miles .. | 8 kilometres .. .. | 633 |
| 1964, No. 1 .. | Totalizator (Offcourse Betting) Act, 1964. | Section 17 (1A) (a) .. | forty miles .. .. | 64 kilometres | 634 |
| 15 1964, No. 27 .. | Sydney Exchange Company Limited Act, 1964. | Second Schedule | 2,400 square feet .. | 222.96 square metres | 635 |
| 1964, No. 48 .. | $\begin{gathered} \text { Pharmacy Act, } \\ 1964 . \end{gathered}$ | Section 25 (2) <br> Section 26 (3) | $\begin{array}{lll}\substack{\text { ten miles } \\ \text { ten miles }} & \ldots & . .\end{array}$ | 16 kilometres 16 kilometres | 636 637 |
| 1966, No. 31 .. | Poisons Act, 1966 | Section 10 (1) (a) | four miles .. | 6.5 kilometres | 638 |
| 1967, No. 90 25 | $\begin{gathered} \text { Pipelines } \\ 1967 . \end{gathered} \quad \text { Act, }$ | Section 5 (7) . . <br> Section 5 (8). <br> Section 37 (1) | five miles five miles twenty dollars in re spect of each mile or portion of a mile. | ten kilometres ten kilometres $\$ 12.50$ in respect of each kilometre or portion of a kilometre. | 639 640 641 |

## BY AUTHORITY

D. WEST, GOVERNMENT PRINTER, NEW SOUTH WALES-1974 [30c]

No. , 1974.

## A BILL

To facilitate the adoption of the metric system of measurement; to amend references to physical quantities in certain Acts; and for purposes connected therewith.
[MR Willis-28 March, 1974.]

## Metric Conversion.

$\mathbf{R}^{\mathrm{E}}$ it enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as follows:-

1. This Act may be cited as the "Metric Conversion Act, Short title. 1974".
2. The provisions of this Act, other than the provisions Purpose of of-

10 (a) section 5, in so far as the provisions of that section effect the amendments specified by Items 441 and 466;
(b) Items 441 and 466; and
(c) sections 11 and 12 ,

15 are for the purpose of metric conversion.
3. In this Act or in an instrument made for the purposes Interpretaof this Act, a reference to an Item or Item number, however tion. expressed, is a reference to a number in the column headed "Item No." in Column 2 of the Schedule and the provision 20 of the Schedule set forth opposite that number.
4. (1) This section and sections 1,2 and 3 shall Commencecommence on the date of assent to this Act.
(2) Except as provided in subsection (1)-
(a) the provisions of this Act, other than the provisions referred to in paragraphs (b) and (c), shall commence on such day or days as may be appointed by the Governor in respect thereof and as may be notified by proclamation published in the Gazette;
(b)

Act No. , 1974.
Metric Conversion.
(b) the provisions of section 5 , in so far as they effect an amendment specified by an Item in the Schedule, and of that Item, shall commence on such day as may be appointed by the Governor in respect of that Item, whether by reference to that Item or otherwise, and as may be notified by proclamation published in the Gazette; and
(c) the provisions of-
(i) section 10 ; and
5. Each Act specified in Column 1 of the Schedule is Amendment amended in the provision of that Act specified opposite of Acts. thereto in the column headed "Provision of Act" in Column 2 of the Schedule-
(a) by omitting from that provision the matter specified opposite that provision in the column headed "Matter to be omitted" in Column 2 of the Schedule, other than such matter, if any, as appears in brackets and is printed in italics; and
(b) by inserting instead the matter specified opposite that provision in the column headed "Matter to be inserted" in Column 2 of the Schedule.

## Metric Conversion.

6. The Mines Inspection Act, 1901, is further amended- Further amendment of Act No. 75, 1901.
(a) by omitting Table B in section 55 (56) (q) (xiv) Sec. 55. (2) and by inserting instead the following table :- $\begin{array}{r}\text { (Gules.) }\end{array}$

Table B.

| 5 | Column 1 | Column 2 |
| :---: | :---: | :---: |
|  | Overall Length of Pole | Depth of Pole in Earth |
| 10 | 8 metres | 1.4 metres |
|  | 9 metres | 1.5 metres |
|  | 11 metres | 1.7 metres 1.8 metres |
|  | 12 metres 14 metres | ${ }_{2}^{1.8} \mathbf{2}$ metres |
|  | 15 metres | 2.1 metres |
|  | 17 metres | 2.3 metres |
| 15 | 18 metres | 2.3 metres |
|  | 20 metres | 2.4 metres |
|  | 21 metres | $2 \cdot 6$ metres |

(b) by omitting Table E in section 55 (56) (q) (xxvi)
(1) and by inserting instead the following table :-

Table E.


## Metric Conversion.

(c) by omitting Table F in section 55 (56) (q) (xxvii) and by inserting instead the following table :-

Table F.

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | Voltage not exceeding 650 volts |  | Voltage exceeding 650 volts but not exceeding 33 kilovolts | Voltage exceeding 33 kilovolts |
| 10 | Bare <br> neutral <br> conductor <br> or <br> or <br> insulated <br> conductor | Bare phase conductor |  |  |
| 15 (a) Any part of any roof or similar structure, vertically below an overhead line and normally accessible to persons. | 3 metres vertically | 4 metres vertically | 5 metres vertically | 6 metres vertically |
| 20 (b) Any part of any roof or similar structure, vertically below an overhead line and not normally accessible to persons. | 3 metres vertically | 3 metres vertically | 4 metres vertically | 5 metres vertically |
| 25 (c) A wall or structure not normally accessible to persons. | 50 centimetres in any direction | 1 metre in any direction | 2 metres in any direction | 4 metres in any direction |
| (d) Any window opening, any balcony, verandah or the 30 like. | 1.5 metres in any direction | 2 metres in any direction | 2.5 metres in any direction | 4 metres in any direction |

## Metric Conversion.

(d) by omitting from section 55 (56) (q) (xxviii) (2) the matter in the columns headed "Higher Voltage." and "Clearance to next Circuit." and the headings to those columns and by inserting instead the
(e) by omitting from section 55 (56) (q) (xxix) (b) the matter in the columns headed "Higher Voltage following matter and headings :-

$$
\begin{array}{ll}
\text { Higher Voltage. } & \begin{array}{l}
\text { Clearance to } \\
\text { next Circuit. }
\end{array}
\end{array}
$$

Above 650 volts but not exceeding 33 kilovolts .. .. 1.5 metres

Above 33 kilovolts but not exceeding 66 kilovolts .. 2 metres

Above 66 kilovolts but not exceeding 132 kilovolts .. 2.5 metres of either Circuit" and "Clearance" and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage of either Circuit. Clearance.
Not exceeding 650 volts . . . . 1.5 metres
Not exceeding 33 kilovolts .. 2 metres

Not exceeding 66 kilovolts .. 2.5 metres
Not exceeding 132 kilovolts .. 4 metres
Exceeding 132 kilovolts .. .. 5 metres

## Metric Conversion.

7. The Coal Mines Regulation Act, 1912, is further Further amendedamendment of Act No. 37, 1912.
(a) by omitting Table A and Table B in Rule 1A (1) Sec. 54. of section 54 and by inserting instead the following (General tables :-

TABLE A.
Showing "still air effective temperatures" to the nearest tenth degree Celsius.

| Wet | Dry Bulb Temperatures in Deg. C. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deg. C. | 29.4 | 28.9 | 28.3 | $27 \cdot 8$ | $27 \cdot 2$ | $26 \cdot 7$ | $26 \cdot 1$ | $25 \cdot 6$ | 25.0 | $24 \cdot 4$ | 23.9 |
| 29.4 | 29.4 |  |  |  |  |  |  |  |  |  |  |
| 28.9 28.3 | $29 \cdot 1$ | 28.9 |  |  |  |  |  |  |  |  |  |
| $1527 \cdot 8$ | 28.6 28.3 |  | $\begin{aligned} & 28 \cdot 3 \\ & 28 \cdot 0 \end{aligned}$ | $27 \cdot 8$ |  |  |  |  |  |  |  |
| 27.2 | 28.0 | 27.8 | $27 \cdot 5$ | 27.5 | 27-2 |  |  |  |  |  |  |
| $26 \cdot 7$ | 27.8 | 27.5 | 27.2 | 26.9 | 26.9 | 26.7 |  |  |  |  |  |
| $26 \cdot 1$ | 27.2 | 26.9 | 26.9 | 26.7 | $26 \cdot 4$ | 26.4 | $26 \cdot 1$ |  |  |  |  |
| $20 \stackrel{25.6}{25}$ | 26.9 | $26 \cdot 7$ | 26.4 | 26.4 | 26.1 | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ |  |  |  |
| 2025.0 | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 1$ | 26.1 | $25 \cdot 8$ | $25 \cdot 5$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 0$ |  |  |
| 24.4 | 26.1 | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | $25 \cdot 0$ | 24.7 | $24 \cdot 7$ |  |  |
| $23 \cdot 9$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | 25.3 | $25 \cdot 3$ | 25.0 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 |
| $23 \cdot 3$ | $25 \cdot 5$ | $25 \cdot 3$ | 25.3 | 25.0 | 24.7 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | 23.9 | 23.9 | 23.6 |
| 25 | $25 \cdot 3$ | $25 \cdot 0$ | $25 \cdot 0$ | 24.7 | 24.4 | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | 23.6 | 23.3 |
| 2522.2 | $25 \cdot 0$ | 24.7 | 24.7 | 24.4 | $24 \cdot 1$ | 23.9 | 23.9 | $23 \cdot 6$ | 23.3 | 23.0 | 22.8 |
| 21.7 | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | $23 \cdot 0$ | $22 \cdot 8$ | 22.5 |
| $\underline{21 \cdot 1}$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | 23.6 | 23.3 | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | 22.5 | 22.2 |

TABLE B.
30
Correction to be applied to "still air effective temperature" obtained from 0

| Table A to allow for air movement. |  |  |
| :---: | :---: | :---: |
| Air Movement in Metres per Second |  | Correction to be <br> from- |
| 0 | to- |  |
| 0.0508 | 0.0457 | 0 |
| 0.1372 | 0.1321 | 0.28 |
| 0.2184 | 0.2134 | 0.55 |
| 0.3048 | 0.2997 | 0.83 |
| 0.4013 | 0.3962 | 1.10 |
| 0.5131 | 0.5080 | 1.38 |
| 0.6452 | 0.6401 | 1.65 |
| 0.774 | 0.7823 | 1.93 |
| 0.9550 | 0.9500 | 2.20 |
| 1.1278 | 1.1227 | 2.48 |
| 1.3056 | 1.3005 | 2.75 |

(b) by omitting the definition of Sieves in the Introduction to the Sixth Schedule and by inserting instead the following definition :

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## Metric Conversion.

Sieves designated of nominal aperture size 250 micrometres means wire woven test sieves (grade B) manufactured in accordance with Australian Standard 1152-1973 (as amended to 1st April, 1974);
(c) by omitting Appendix I, Appendix II and Appendix III to the Seventh Schedule and by inserting instead the following appendices:-

APPENDIX I.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE I.-RUBBER INSULATED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum
15 Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| 20 | Number and Diameter (millimetres) of Wires comprising Conductor.* | Nominal Area.(2) | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Two Single-core Cables. <br> (3) | One Twin Cable or Four Singlecore Cables. <br> (4) | One Three or Four-core or Six Single-core Cables. <br> (5) |
| 25 |  | $\mathrm{mm}^{2}$ | A | A | A |
|  | 1/1-12 | 1.0 | $6 \cdot 1$ | $4 \cdot 9$ | $4 \cdot 3$ |
|  | 3/0.74 | $1 \cdot 3$ | $7 \cdot 8$ | $6 \cdot 4$ | $5 \cdot 5$ |
|  | $3 / 0 \cdot 91$ | 1.9 | $12 \cdot 0$ | $9 \cdot 6$ | $8 \cdot 3$ |
| 30 | 1/1.63 | 1.9 | $12 \cdot 9$ | $10 \cdot 3$ | $9 \cdot 1$ |
|  | 7/0.74 | 2.9 | $18 \cdot 2$ | $14 \cdot 6$ | $12 \cdot 6$ |
|  | 7/0.91 | $4 \cdot 5$ | 24 | $19 \cdot 2$ | $16 \cdot 5$ |
|  | 7/1.12 | $6 \cdot 5$ | 34 | 27 | 24 |
|  | 7/1.32 | $9 \cdot 5$ | 43 | 34 | 30 |
| 35 | 7/1.63 | $14 \cdot 5$ | 55 | 44 | 39 |
|  | 19/1-12 | $19 \cdot 5$ | 65 | 52 | 46 |
|  | 19/1.32 | 26 | 78 | 63 | 55 |
|  | 19/1.63 | 39 | 105 | 84 | 74 |
|  | 19/1.83 | 48 | 123 | 98 | 86 |
| 40 | 19/2.11 | 65 | 152 | 122 | 106 |
|  | 37/1.63 | 77 | 174 | 140 | 122 |
|  | 37/1.83 | 97 | 205 | 160 | 145 |
|  | 37/2-11 | 129 | 254 | 200 | 180 |
|  | 37/2-36 | 161 | 293 | 235 | 205 |
| 45 | $37 / 2 \cdot 62$ | 194 | 330 | 265 | 230 |
|  | 61/2.36 | 258 | 400 | 320 | 280 |
|  | 61/2.62 | 323 | 460 | 370 | 325 |
|  | 91/2.36 | 387 | 514 | 410 | 360 |
| 50 | 91/2.62 | 484 | 592 | . | . |
|  | $127 / 2 \cdot 36$ | 548 | 640 | . | . |
|  | 127/2.62 | 645 | 712 | . | . |

Notes.

## Metric Conversion.

Notes.
(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Electrical Research Association 5 Research Report FT/60.
(c) No rubber insulated cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.

10 (d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

| 15 | Initial Ambient Temperature Degrees Celsius | Amperes permissible be mutiplied |
| :---: | :---: | :---: |
|  | 29.4 | 0.928 |
|  | 32.2 | 0.852 |
| 20 | 35.0 | 0.770 |
|  | 37.8 | 0.681 |
|  | 40.6 | 0.580 |
|  | 43.3 | 0.466 |

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APPENDIX II.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE II.-PAPER INSULATED AND LEAD COVERED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum
Permissible Temperature of $76.7^{\circ}$ Celsius.

| 15 | Number and Diameter (millimetres) of wires comprising Conductor.* <br> (1) | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Two Single-core Cables laid together. <br> (3) | One Concentric or Twin Cable, or Four Singlecore Cables. <br> (4) | One Three-phase Cable or Six Single-core Cables. <br> (5) |
| 20 |  | $\mathrm{mm}^{2}$ | A | A | A |
|  | 7/0.91 | $4 \cdot 5$ | 39 | 31 | 27 |
|  | 7/1-12 | $6 \cdot 5$ | 58 | 46 | 41 |
|  | 7/1.32 | $9 \cdot 5$ | 79 | 63 | 55 |
|  | 7/1.63 | $14 \cdot 5$ | 105 | 84 | 73 |
|  | 19/1-12 | $19 \cdot 5$ | 121 | 97 | 85 |
| 25 | 19/1-32 | 26 | 146 | 117 | 102 |
|  | 19/1.63 | 39 | 190 | 152 | 133 |
|  | 19/1.83 | 48 | 217 | 173 | 152 |
|  | 19/2.11 | 65 | 264 | 211 | 185 |
|  | 37/1.63 | 77 | 292 | 234 | 204 |
| 30 | 37/1.83 | 97 | 340 | 272 | 238 |
|  | 37/2-11 | 129 | 410 | 328 | 287 |
|  | 37/2.36 | 161 | 470 | 376 | 329 |
| 35 | 37/2.62 | 194 | 535 | 428 | 374 |
|  | 61/2.36 | 258 | 650 | 520 | 455 |
|  | 61/2.62 | 323 | 740 | 592 | 518 |
|  | 91/2.36 | 387 | 830 | . . | .. |
|  | 91/2.62 | 484 | 930 | . | . |
|  | 127/2.36 | 548 | 1,000 | . . | . |
|  | 127/2.62 | 645 | 1,000 | $\cdots$ | . |

* The current-carrying capacity of a conductor having wires of a number or diameter * The current-carrying capacity of a conductor having wires of a number or diamet
not specified in this table shall be taken to be proportionate to that of the cases specified.

Notes.

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Tables 5 and 6 of the Institute of Electrical Engineers Regulations for the Electrical Equipment of 5 Buildings, 10th Edition.
(c) In all cases the current of paper insulated and lead covered cables shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 76.7 degrees Celsius.
(d) The table refers to situations where the temperature of the sur10 roundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius, the permissible current shall be reduced in accordance with the following reduction factors:-

| Initial Am Tempera Degrees C |  | Amperes permissible to be multiplied by |
| :---: | :---: | :---: |
| 29.4 |  | 0.970 |
| 32.2 |  | 0.938 |
| 35.0 | ..................... | 0.904 |
| 37.8 |  | 0.870 |
| 40.6 |  | 0.834 |
| 43.3 |  | 0.800 |
| 46.1 |  | 0.762 |
| 48.9 |  | 0.722 |
| 54.4 |  | 0.638 |
| 60.0 |  | 0.544 |

## APPENDIX III.

(Seventh Schedule-Regulation 53.)
TABLE III.-FLEXIBLE CORDS AND CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.


## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on those of the Institute of 5 Electrical Engineers Regulations for the Electrical Equipment of Buildings and of British Standard Specification No. 708 "Trailing Cables for Mining Purposes."
(c) No rubber insulated flexible cord or cable shall be installed in any 10 situation where the ambient temperature exceeds 48.9 degrees Celsius, and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-
Initial Ambient
Temperature
Degrees Celsius.
29.4 ........................ . . . 0.928
32.2 ........................ 0.852
35.0 ........................ . . 0.770
37.8 .......................... 0.681
40.6 .......................... . 0.580
$43.3 \quad \ldots . . . . . . . . . . . .$.

Amperes
permissible to
be multiplied by
. 681
8. The Irrigation Act, 1912, is further amended by Further omitting section 13A (5). amendment of Act No. 73, 1912. Sec. 13A.
(Supply of water during hours of daylight.)
9. The Crown Lands Consolidation Act, 1913, is further Further 30 amendedamendment of Act No. 7, 1913.
(a) by omitting from section 65 the words "per acre"; Sec. 65.
(Rescission
of reserva-
tion of
water
frontage.)
(b) by omitting from section 66 (1) the words "per Sec. 66. acre".

Metric Conversion.
10. (1) The Gas and Electricity Act, 1935, is further Further amended-
(a) (i) by omitting the definition of "British thermal Sec. 3. unit" in section 3 ;
(ii) by omitting the definition of "Gas unit" in section 3 and by inserting instead the following definition :-
"Heating value" or "heating power", in relation to a gas, means the number of megajoules per standard cubic metre;
(b) by omitting section 23 (3) and by inserting instead Sec. 23. the following subsection :-
(3) A gas company shall supply gas at a pressure of not less than 750 pascals nor greater than 1500 pascals between the hours of $5 \mathrm{a} . \mathrm{m}$. and 9 p.m. and not less than 500 pascals between the hours of 9 p.m. and 5 a.m.

Such pressure shall be measured at such points as may be prescribed.
(c) by omitting from section 33 the words "not Sec. 33. exceeding seven one hundred and twentieths of one (Charge for cent for each gas unit supplied". hiring of meter.)
(2) The repeal and re-enactment of section 23 (3) of the Gas and Electricity Act, 1935, effected by subsection 25 (1) (b), do not repeal the regulations made for the purposes of that section of that Act.
11. On the day on which Item 441 commences, the Water Act, number of water rights (within the meaning of section 130 of $\begin{gathered}1912- \\ \text { transitional }\end{gathered}$ the Water Act, 1912, immediately before the amendment of provision.
30 that section by Item 441) which, immediately before that day, were attached to a holding within a district constituted under Part VI of the Water Act, 1912, shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number.

## Metric Conversion.

12. Notwithstanding the provisions of sections 7, 7A, 7B Irrigation and 7 c of the Irrigation Act, 1912, on the day on which Item Act, 1912466 commencestransitional
provision.
(a) the number of water rights (within the meaning of section 3 of the Irrigation Act, 1912, immediately before the amendment of that section by Item 466) which, immediately before that day, were attached to or were a fixed charge on holdings within irrigation areas constituted under that Act shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number; and
(b) the price of the water rights referred to in paragraph (a) shall be reduced in the ratio of four to five.

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Metric Conversion.

## SCHEDULE.



Act No. , 1974.

## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



Act No. , 1974.

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


Schedule

## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ |
| 1912, No. 37continued | Coal Mines Regulation Act, 1912-continued | SeventhSchedule,Regulation 60. | $\begin{array}{lll}150 \text { feet } & . . & . . \\ 200 \text { feet } & . & . . \\ 18 \text { feet } & . & . \\ 7 \text { feet }\end{array}$. | 50 metres .. .. |  |
|  |  |  |  | 65 metres | 383 |
|  |  |  |  | 5 metres | 384 |
|  |  | SeventhSchedule, Regulation 71 . |  | $\begin{array}{lll}2.5 \text { metres } \\ 100 \text { metres } & \cdots & \cdots\end{array}$ | 385 386 |
|  |  |  | one hundred yards (wherever occurring). | 100 metres .. | 386 |
|  |  | SeventhSchedule, Regulation 83. | 10 b.h.p. (wherever occurring). | 10 kilowatts .. | 387 |
|  |  | SeventhSchedule, Regulation 84 (b). | one chain .. .. | 20 metres | 388 |
|  |  |  | four feet .. .. | 1.25 metres .. | 389 |
|  |  | SeventhSchedule,Regulation 86 (b). | one and a half inches | 40 millimetres | 390 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (i). | three inches .. .. | 75 millimetres | 391 |
|  |  |  | fifteen inches. . . . | 400 millimetres | 392 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (ii). | four inches .. | 100 millimetres | 393 |
|  |  |  | twenty-four inches | 600 millimetres | 394 |
|  |  |  | fifteen inches.. .. | 400 millimetres | 395 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (iii). | twelve inches.. .. | 300 millimetres | 396 |
|  |  |  | four feet | 1.25 metres .. | 397 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (iv). | thirty inches.. .. | 750 millimetres | 398 399 |
|  |  |  |  |  |  |
|  |  | SeventhSchedule, Regulation 86 (c) (1). | four feet (where thirdily occurring). | $1.25 \text { metres .. }$ | 400 401 |
|  |  |  |  | 1.25 metres .. .. |  |
|  |  |  | six feet seven feet | 2 metres .. | 403 |
|  |  |  | seven feet <br> twelve inches (where secondly, thirdly, fourthly and fifthly | ${ }^{2} \mathbf{2}$ metres ${ }^{\text {millimetres }}$ | 404 |
|  |  |  |  |  |  |
|  |  |  | (\%ccurring). inches | 600 millimetres .. | 405 |
|  |  |  | (where thirdly occur- |  |  |
|  |  | SeventhSchedule, Regulation 86 (c) (2). | thirty inches . . . | 750 millimetres | 406 |
|  |  |  | $\begin{aligned} & \text { eighteen inches } \\ & 6 \text { feet } \end{aligned}$ | 450 millimetres | 407 |
|  |  |  |  | 2 metres . | 408 |
|  |  | SeventhSchedule,Regulation 86 (d). | seven feet .. .. | 2 metres | 409 |
|  |  | SeventhSchedule, Regulation 91 (ii). | $\frac{3}{4}$ of an inch wide by No. 18 gauge. 0.15 square inch | 20 millimetres by 1.25 millimetres (A.S.). 100 square millimetres | 410 |
|  |  |  |  |  |  |
|  |  | SeventhSchedule, Regulation 91 (iii). |  |  | 411 |
|  |  | SeventhSchedule, Reg- | 0.0045 square inch ( 71.029 in.). | 3 square millimetres | 412 |
|  |  | ulation 91. <br> SeventhSchedule Reg- |  | 2 metres .. . |  |
|  |  | SeventhSchedule, Regulation 98 (17). |  | 2 metres .. .. | 413 |
|  |  | SeventhSchedule, Reg- | 200 feet | 60 metres | 414 |
|  |  | SeventhSchedule, Regulation 101 (f). | three-pint .. .. | 0.5 litre | 415 |
|  |  |  |  |  |  |
|  |  | Eighth Schedule, Regulation 19 (a). | ten chains .. | 200 metres | 416 |
|  |  | Eighth Schedule, Regulation 24 (a). | five chainstwo chains to the inch | $\begin{aligned} & 100 \text { metres } \\ & 1: 2000 \end{aligned}$ | 417 |
|  |  |  |  |  | 418 |
|  |  | Eighth Schedule, Regulation 35 (j). <br> Eighth Schedule, Regulation 52. | two chains (wherever occurring). one-eighth of an inch one-quarter of an inch | 40 metres | 419 |
|  |  |  |  |  |  |
|  |  |  |  | 3 millimetres. . | 420 |
|  |  |  |  | 6 millimetres.. | 421 |

## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.

| Column 1. |  |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Year and number of Act. | Short title of Act. | $\begin{aligned} & \text { Provision of } \\ & \text { Act. } \end{aligned}$ | Matter to be omitted. | Matter to be inserted. | Item No. |
| 5 | 1913, No. 7- | Crown Lands | Sec | twenty acres | 10 hectares | 499 |
|  |  | Consolidation Act, | Section 80 (3) <br> Section 82A (c) | twenty acres.. | ${ }^{10}$ hectares ${ }^{2025}$ square metres $\because \because$ | 500 501 |
|  |  | ${ }_{\text {continued }}$ | Section $109(2)$ (2) |  | 25 cents per hectare.. | 501 502 50 |
| 10 |  |  | Section $109(7)$ (b) Section 116 (1) | acre two doliars per acre.. | $\because$ | 503 <br> 504 |
|  |  |  |  | one dollar per acre .. |  | 509 <br> 505 |
| 15 |  |  | Section 129 (4) ${ }^{(4)}$ (ection 129B (1) (k) (i) | $\begin{array}{lll}\text { one acre } \\ \text { one acre }\end{array} \quad \because \quad .$. | ${ }^{4} 4050$ square metres. 4 | - 506 |
|  |  |  | (eate | lone $\begin{aligned} & \text { one acre } \\ & \text { one are } \\ & \text { sixty acres }\end{aligned}$$\because$ |  | ( 5078 |
|  |  |  |  | $\because$ | ${ }_{5000}^{25}$ hectares square metres.. | 5109 |
|  |  |  | Section 1422 (7) Section 145 (3) | one acre | 5000 square metres.. | 511 |
| 20 |  |  | Section 145 (3x) | five acres $\begin{aligned} & \text { occurring). }\end{aligned}$ | 2 hectares .. | 512 |
|  |  |  | Section 147A (1A) | $\xrightarrow[\substack{\text { five acres } \\ \text { focurring). }}]{\text { derever }}$ | 2 hectares | 513 |
|  |  |  | Section 165 (3) |  |  |  |
|  |  |  | Section 183 (1) ( ${ }^{\text {Setion }} 18$ | ${ }_{\text {ten }}^{\text {acre }}$ (ents per acre | ${ }_{25}^{\text {hectare }}$ cents per hectare $\because$. | 515 515 |
| 25 |  |  | Section 184 (1) (g) $\quad$ Section 185 | ten cents per acre acre | 25 cents per hectare.: hectare | ( 516 |
|  |  |  | Section 193 (2) $\ddot{\square}$ | ${ }_{\text {ten }}^{\text {ten ents per acre }}$ two |  | 518 |
|  |  |  | Section 194 (1) (6) (a) | acre dollars per acre.. | \$4.94 per hectare ${ }^{\text {hectare }}$ | 519 520 |
| 30 |  |  | Section 216 (3) $\quad \therefore$ | one hundre ${ }^{\text {per houl gallons }}$ | hectare 10 | 521 |
|  |  |  | Section 256 .. | two hundred yards .. | 183 metres .. |  |
|  |  |  | Section 2588 ( ${ }^{\text {Section }} 272$ | acre one acre are | hectare 4050 square metres | 523 524 |
|  |  |  | Section 272 (8) | one acre one acre .. . . | ${ }_{4}^{4050}$ sauare metres. |  |
| 35 |  |  | Section 282 (i) (1) | one dollar fifty cents | \$3.70 per hectare ... | 526 |
|  |  |  | Section 282 (1) (2) | per acre. ${ }_{\text {den }}$ tents per acre | 5 per centum of the | 527 |
|  |  |  |  |  | balance of purchase |  |
| 40 |  |  | Section 282 (1) (3) | ten cents per acre | $5{ }_{5}^{\text {moner }}$ pentum of the | 528 |
|  |  |  | Selion 282 (1) |  | balance of purchase |  |
|  |  |  |  | one dollar fifty cents | \$3.70 perer hectare .. | 529 |
| 4550 |  |  |  | ther ine dollars per acre |  |  |
|  |  |  | Section 282 (1) (6) .. | twenty cents per acre | 5 per centum of the | ${ }_{531}$ |
|  |  |  |  |  | balance of purchase |  |
|  |  |  | Section 283 (1) (1) | ten cents per acre | 5 mor centum of the | 532 |
| 50 |  |  |  |  | money. |  |
|  |  |  | Section 283 (1) (3) | twenty cents per acre | 5 per centum of the | 533 |
| 5560 |  |  |  |  | ${ }^{\text {money. }}$ marchase |  |
|  |  |  | Section 288 (1) | ten cents (or in the case of a conditional | 5 per centum of the | 534 |
|  |  |  |  | purchase for mining | money. |  |
|  |  |  |  | cents) per acre. two dollars per acre. |  |  |
|  |  |  | Section 307 (1) (e) Section 319 (3) (a) | two dollars per acre. two dollars per acre. | $\$ 4.94$ per hectare $\$ 4.94$ per hectare | $\begin{aligned} & 535 \\ & 536 \end{aligned}$ |
|  | 1915, No. 57 | Finance (Taxa- | Section 6 (1) . . | forty miles (wherever | 64 kilometres | 537 |
|  |  |  | Section 6 (2) . . | forty miles .. .. | 64 kilometres | 538 |

Act No. , 1974.

## Metric Conversion.

Schedule-continued.


Act No. , 1974.

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

SCHEDULE-continued.


Act No. , 1974.

## Metric Conversion.

Schedule-continued.


BY AUTHORITY
D. WEST, GOVERNMENT PRINTER, NEW SOUTH WALES—1974 [30c]

## METRIC CONVERSION BILL, 1974

## EXPLANATORY NOTE

The objects of this Bill are-
(a) to facilitate the adoption of the metric system of measurement by amending references to physical quantities in certain Acts; and
(b) to make other provisions of a consequential or ancillary character.

## No. , 1974.

## A BILL

To facilitate the adoption of the metric system of measurement; to amend references to physical quantities in certain Acts; and for purposes connected therewith.
[MR Willis-28 March, 1974.]

$$
\begin{array}{cc} 
\\
& \\
& \\
& 1519
\end{array}
$$

Act No. , 1974.

## Metric Conversion.

BE it enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as

1. This Act may be cited as the "Metric Conversion Act, Short title. 1974".
2. The provisions of this Act, other than the provisions $\underset{\substack{\text { Purpose of }}}{\text { Act }}$

10 (a) section 5, in so far as the provisions of that section effect the amendments specified by Items 441 and 466;
(b) Items 441 and 466; and
(c) sections 11 and 12 ,

15 are for the purpose of metric conversion.
3. In this Act or in an instrument made for the purposes Interpretaof this Act, a reference to an Item or Item number, however tion. expressed, is a reference to a number in the column headed "Item No." in Column 2 of the Schedule and the provision 20 of the Schedule set forth opposite that number.
4. (1) This section and sections 1,2 and 3 shall Commencecommence on the date of assent to this Act.
(2) Except as provided in subsection (1)-
(a) the provisions of this Act, other than the provisions referred to in paragraphs (b) and (c), shall commence on such day or days as may be appointed by the Governor in respect thereof and as may be notified by proclamation published in the Gazette;

## Metric Conversion.

(b) the provisions of section 5 , in so far as they effect an amendment specified by an Item in the Schedule, and of that Item, shall commence on such day as may be appointed by the Governor in respect of
5. Each Act specified in Column 1 of the Schedule is Amendment amended in the provision of that Act specified opposite of Acts. thereto in the column headed "Provision of Act" in Column 2 of the Schedule-

20 (a) by omitting from that provision the matter specified opposite that provision in the column headed "Matter to be omitted" in Column 2 of the Schedule, other than such matter, if any, as appears in brackets and is printed in italics; and

25 (b) by inserting instead the matter specified opposite that provision in the column headed "Matter to be inserted" in Column 2 of the Schedule.
6.

## Metric Conversion.

6. The Mines Inspection Act, 1901, is further amended- Further (a) by omitting Table B in section 55 (56) (q) (xiv) of Act No. (2) and by inserting instead the following table :-

Table B. 75, 1901 Sec. 55. (General rules.)

| 5 | Column 1 |
| :---: | :---: |
| Overall Length of Pole | Column 2 |
|  | Depth of Pole in Earth |
|  | 8 metres |
| 9 | 9 metres |
| 10 | 12 metres |
| 14 metreses | 1.4 metres |
|  | 15 metres |
| 17 metres | 1.5 metres |
|  | 18 metres |
| 20 metres | 1.8 metres |
|  | 21 metres |

(b) by omitting Table E in section 55 (56) (q) (xxvi) (1) and by inserting instead the following table :-

| 20 | Column 1 | Column 2 | Column 3 | Column 4 |
| :---: | :---: | :---: | :---: | :---: |
|  | Voltage | Height above Ground or Distance from Ground in any Direction |  |  |
| 25 |  | Over the carriageway of roads | Over land other than the carriageway of roads | Over lands which cannot be traversed be vehicular traffic |
|  | Not exceeding 650 volts .. | 6 metres | 6 metres | 5 metres |
|  | Exceeding 650 volts but not exceeding 33 kilovolts | 7 metres | 7 metres | 5 metres |
| 30 | Exceeding 33 kilovolts but not exceeding 132 kilovolts | 7 metres | 7 metres | 6 metres |
|  | Exceeding 132 kilovolts .. | 8 metres | 8 metres | 7 metres |

## Metric Conversion.

(c) by omitting Table F in section 55 (56) (q) (xxvii) and by inserting instead the following table :

Table F .

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| :---: | :---: | :---: | :---: | :---: |
| 5 | Voltage not exceeding 650 volts |  | Voltage exceeding 650 volts but not exceeding 33 kilovolts | Voltage exceeding 33 kilovolts |
| 10 | Bare neutral conductor or or insulated conductor | Bare phase conductor |  |  |
| 15 (a) Any part of any roof or similar structure, vertically below an overhead line and normally accessible to persons. | 3 metres vertically | 4 metres vertically | 5 metres vertically | 6 metres vertically |
| 20 (b) Any part of any roof or similar structure, vertically below an overhead line and not normally accessible to persons. | 3 metres vertically | 3 metres vertically | 4 metres vertically | 5 metres vertically |
| 25 (c) A wall or structure not normally accessible to persons. | 50 centimetres in any direction | 1 metre in any direction | 2 metres in any direction | 4 metres in any direction |
| (d) Any window opening, any 30 balcony, verandah or the like. | $\begin{aligned} & 1.5 \text { metres } \\ & \text { in any } \\ & \text { direction } \end{aligned}$ | 2 metres in any direction | 2.5 metres in any direction | 4 metres in any direction |

## Metric Conversion.

(d) by omitting from section 55 (56) (q) (xxviii) (2) the matter in the columns headed "Higher Voltage." and "Clearance to next Circuit." and the headings to those columns and by inserting instead the following matter and headings :-

## Higher Voltage. <br> Clearance to next Circuit.

Above 650 volts but not exceeding 33 kilovolts .. .. 1.5 metres

Above 33 kilovolts but not exceeding 66 kilovolts .. 2 metres

Above 66 kilovolts but not exceeding 132 kilovolts .. 2.5 metres
(e) by omitting from section 55 (56) (q) (xxix) (b) the matter in the columns headed "Higher Voltage of either Circuit" and "Clearance" and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage of either Circuit. Clearance.
Not exceeding 650 volts .. .. 1.5 metres
Not exceeding 33 kilovolts .. 2 metres
Not exceeding 66 kilovolts .. 2.5 metres
Not exceeding 132 kilovolts .. 4 metres
Exceeding 132 kilovolts .. .. 5 metres
7.

## Metric Conversion.

7. The Coal Mines Regulation Act, 1912, is further Further amended-
(a) by omitting Table A and Table B in Rule 1A (1) of Act No. of section 54 and by inserting instead the following Sec. 54. tables :-

TABLE A.
Showing "still air effective temperatures" to the nearest tenth degree Celsius.

| Wet | Dry Bulb Temperatures in Deg. C. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deg. C. | $29 \cdot 4$ | 28.9 | 28.3 | 27-8 | $27 \cdot 2$ | $26 \cdot 7$ | $26 \cdot 1$ | $25 \cdot 6$ | 25.0 | $24 \cdot 4$ | $23 \cdot 9$ |
| 29.4 | $29 \cdot 4$ |  |  |  |  |  |  |  |  |  |  |
| 28.9 | $29 \cdot 1$ | 28.9 |  |  |  |  |  |  |  |  |  |
| 15 | 28.6 | 28.6 | 28.3 |  |  |  |  |  |  |  |  |
| 1527.8 27.2 | 28.3 28.0 | 28.0 27.8 | 27.0 | $27 \cdot 8$ |  |  |  |  |  |  |  |
| 27.2 26.7 | 28.0 27.8 | $27 \cdot 8$ 27.5 | $27 \cdot 5$ 27.2 | 27.5 26.9 | $\begin{aligned} & 27 \cdot 2 \\ & 26 \cdot 9 \end{aligned}$ |  |  |  |  |  |  |
| $26 \cdot 1$ | 27.2 | 26.9 | 26.9 | 26.7 | $26 \cdot 4$ | $26 \cdot 4$ | $26 \cdot 1$ |  |  |  |  |
| 2025.6 | 26.9 | $26 \cdot 7$ | 26.4 | 26.4 | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ |  |  |  |
| 2025.0 | $26 \cdot 7$ | 26.4 | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 5$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 0$ |  |  |
| $24 \cdot 4$ | 26.1 | 26.1 | $25 \cdot 8$ | 25.8 | $25 \cdot 6$ | $25 \cdot 3$ | 25.0 | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ |  |
| $23 \cdot 9$ 23.3 | 25.8 | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | $25 \cdot 3$ | 25.0 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 |
| $23 \cdot 3$ $22 \cdot 8$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | 24.7 | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | 23.9 | 23.9 | $23 \cdot 6$ |
| $25 \begin{aligned} & 22 \cdot 8 \\ & 22 \cdot 2\end{aligned}$ | $25 \cdot 3$ | 25.0 | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 6$ | $23 \cdot 3$ |
| $25 \quad 22.2$ 21.7 | 25.0 | 24.7 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ |
| 21.7 21.1 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | $22 \cdot 5$ |
| $21 \cdot 1$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | 22.5 | $22 \cdot 2$ |

TABLE B.
30 Correction to be applied to "still air effective temperature" obtained from Table A to allow for air movement.

|  | Air Movement in Metres per Second |  | Correction to be Subtracted in Deg. C. |
| :---: | :---: | :---: | :---: |
|  | from- | to- |  |
|  |  | 0.0457 | 0 |
| 35 | 0.0508 0.1372 | 0.1321 0.2134 | 0.28 0.55 |
|  | 0.2184 | 0.2194 0.297 | $\stackrel{1}{0.83}$ |
|  | 0.3048 | 0.3962 | $1 \cdot 10$ |
|  | 0.4013 | 0.5080 | 1.38 |
|  | 0.5131 | 0.6401 | $1 \cdot 65$ |
| 40 | 0.6452 | 0.7823 | 1.93 |
|  | 0.7874 0.9550 | 0.9500 1.1227 | 2.20 |
|  | 1-1278 | 1.3005 | 2.48 2.75 |
|  | 1.3056 | 1.4833 | $3 \cdot 04$ |

45
(b) by omitting the definition of Sieves in the Introduction to the Sixth Schedule and by inserting instead the following definition :-

Sieves

Act No. , 1974.

## Metric Conversion.

Sieves designated of nominal aperture size 250 micrometres means wire woven test sieves (grade B) manufactured in accordance with Australian Standard 1152-1973 (as amended to 1st April, 1974);
(c) by omitting Appendix I, Appendix II and Appendix III to the Seventh Schedule and by inserting instead the following appendices : $\qquad$
APPENDIX I.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE I.-RUBBER INSULATED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum
15
Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| 20 | Number and Diameter (millimetres) of Wires comprising Conductor. | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Two Single-core Cables. <br> (3) | One Twin Cable or Four Singlecore Cables. <br> (4) | One Three or Four-core or Six Single-core Cables. <br> (5) |
| 25 |  | $\mathrm{mm}^{2}$ | A | A | A |
|  | 1/1-12 | 1.0 | $6 \cdot 1$ | $4 \cdot 9$ | $4 \cdot 3$ |
|  | 3/0.74 | $1 \cdot 3$ | $7 \cdot 8$ | $6 \cdot 4$ | $5 \cdot 5$ |
|  | $3 / 0 \cdot 91$ | 1.9 | $12 \cdot 0$ | $9 \cdot 6$ | $8 \cdot 3$ |
| 30 | 1/1.63 | 1.9 | $12 \cdot 9$ | $10 \cdot 3$ | $9 \cdot 1$ |
|  | 7/0.74 | $2 \cdot 9$ | $18 \cdot 2$ | $14 \cdot 6$ | $12 \cdot 6$ |
|  | 7/0.91 | $4 \cdot 5$ | 24 | $19 \cdot 2$ | $16 \cdot 5$ |
|  | 7/1.12 | - $6 \cdot 5$ | 34 | 27 | 24 |
|  | 7/1.32 | 9.5 | 43 | 34 | 30 |
| 35 | 7/1.63 | $14 \cdot 5$ | 55 | 44 | 39 |
|  | 19/1.12 | $19 \cdot 5$ | 65 | 52 | 46 |
|  | 19/1.32 | 26 | 78 | 63 | 55 |
|  | 19/1.63 | 39 | 105 | 84 | 74 |
|  | 19/1.83 | 48 | 123 | 98 | 86 |
| 40 | 19/2-11 | 65 | 152 | 122 | 106 |
|  | 37/1.63 | 77 | 174 | 140 | 122 |
|  | $37 / 1.83$ | 97 | 205 | 160 | 145 |
|  | 37/2.11 | 129 | 254 | 200 | 180 |
|  | 37/2.36 | 161 | 293 | 235 | 205 |
| 45 | 37/2.62 | 194 | 330 | 265 | 230 |
|  | 61/2.36 | 258 | 400 | 320 | 280 |
|  | 61/2.62 | 323 | 460 | 370 | 325 |
|  | 91/2.36 | 387 | 514 | 410 | 360 |
|  | 91/2.62 | 484 | 592 | . . | . |
| 50 | 127/2.36 | 548 | 640 | . | . |
|  | 127/2.62 | 645 | 712 | . | $\cdots$ |

* The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.


## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Electrical Research Association Research Report FT/60.
(c) No rubber insulated cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.

10 (d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-


Amperes
Temperature
permissible to
be mutiplied by

| 29.4 | ..................... | 0.928 |
| :---: | :---: | :---: |
| 32.2 |  | 0.852 |
| 35.0 |  | 0.770 |
| 37.8 |  | 0.681 |
| 40.6 |  | 0.580 |
| 43.3 |  | 0.466 |

## Metric Conversion.

## APPENDIX II.

## CURRENT-CARRYING CAPACITY.

(Seventh Schedule-Regulation 53.)
TABLE II.-PAPER INSULATED AND LEAD COVERED

Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Temperature of $76.7^{\circ}$ Celsius.

| Number and Diameter (millimetres) of wires comprising Conductor.* | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Two Single-core Cables laid together. | One Concentric or Twin Cable, or Four Singlecore Cables. | One Three-phase Cable or Six Single-core Cables. |
|  | (2) | (3) | (4) | (5) |
|  | $\mathrm{mm}^{2}$ | A | A | A |
| 7/0.91 | $4 \cdot 5$ | 39 | 31 | 27 |
| 7/1-12 | $6 \cdot 5$ | 58 | 46 | 41 |
| 7/1.32 | $9 \cdot 5$ | 79 | 63 | 55 |
| 7/1.63 | $14 \cdot 5$ | 105 | 84 | 73 |
| 19/1-12 | $19 \cdot 5$ | 121 | 97 | 85 |
| 19/1-32 | 26 | 146 | 117 | 102 |
| 19/1.63 | 39 | 190 | 152 | 133 |
| 19/1.83 | 48 | 217 | 173 | 152 |
| 19/2-11 | 65 | 264 | 211 | 185 |
| 37/1.63 | 77 | 292 | 234 | 204 |
| $37 / 1.83$ | 97 | 340 | 272 | 238 |
| 37/2-11 | 129 | 410 | 328 | 287 |
| 37/2.36 | 161 | 470 | 376 | 329 |
| 37/2.62 | 194 | 535 | 428 | 374 |
| 61/2.36 | 258 | 650 | 520 | 455 |
| 61/2.62 | 323 | 740 | 592 | 518 |
| 91/2.36 | 387 | 830 | 5 | 518 |
| 91/2.62 | 484 | 930 | . | . |
| 127/2.36 | 548 | 1,000 | . | $\cdots$ |
| 127/2.62 | 645 | 1,000 | $\cdots$ | $\cdots$ |

* The current-carrying capacity of a conductor having wires of a number or diameter


## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Tables 5 and 6 of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings, 10th Edition.
(c) In all cases the current of paper insulated and lead covered cables shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 76.7 degrees Celsius.
(d) The table refers to situations where the temperature of the sur10 roundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius, the permissible current shall be reduced in accordance with the following reduction factors:-

| Initial Ambient | Amperes <br> Temperature <br> Degrees Celsius |
| :---: | :---: |
| permissible to |  |
| be multiplied by |  |


| 29.4 |  | 0.970 |
| :---: | :---: | :---: |
| 32.2 |  | 0.938 |
| 35.0 |  | 0.904 |
| 37.8 |  | 0.870 |
| 40.6 |  | 0.834 |
| 43.3 |  | 0.800 |
| 46.1 |  | 0.762 |
| 48.9 |  | 0.722 |
| 54.4 |  | 0.638 |
| 60.0 |  | 0.544 |

APPENDIX III.
(Seventh Schedule-Regulation 53.)
TABLE III.-FLEXIBLE CORDS AND CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.


## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on those of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings and of British Standard Specification No. 708 "Trailing Cables for Mining Purposes."
(c) No rubber insulated flexible cord or cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius, and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the sur5 roundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

| Initial Ambient | Amperes <br> Temperature |
| :---: | :---: |
| Degrees Celsius. | permissible to <br> be multiplied by |

29.4 .......................... 0.928
32.2 ......................... 0.852
35.0 .......................... . . 0.770
37.8 ........................... 0.681
40.6 ........................... 0.580
43.3 .......................... . . 0.466
8. The Irrigation Act, 1912, is further amended by Further omitting section 13A (5). amendment of Act No. 73, 1912. Sec. 13A. (Supply of water during hours of daylight.)
9. The Crown Lands Consolidation Act, 1913, is further Further
(a) by omitting from section 65 the words "per acre"; Sec. 65. (Rescission of reservation of water
frontage.)
(b) by omitting from section 66 (1) the words "per Sec. 66. acre".
(Miscellaneous special

## Metric Conversion.

10. (1) The Gas and Electricity Act, 1935, is further Further amended-

## amendment

(a) (i) by omitting the definition of "British thermal 42, 1935 . unit" in section 3 ;

Sec. 3. (Definitions.)
(c) by omitting from section 33 the words "not Sec. 33. exceeding seven one hundred and twentieths of one (Charge for cent for each gas unit supplied".
(2) The repeal and re-enactment of section 23 (3) of the Gas and Electricity Act, 1935, effected by subsection 25 (1) (b), do not repeal the regulations made for the purposes of that section of that Act.
11. On the day on which Item 441 commences, the Water Act, number of water rights (within the meaning of section 130 of ${ }_{\text {transitional }}^{1912-}$ the Water Act, 1912, immediately before the amendment of provision.
30 that section by Item 441) which, immediately before that day, were attached to a holding within a district constituted under Part VI of the Water Act, 1912, shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number.

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Metric Conversion.
12. Notwithstanding the provisions of sections 7, 7A, 7B Irrigation and 7c of the Irrigation Act, 1912, on the day on which Item $\begin{gathered}\text { Act, } 1912-\end{gathered}$ 466 commencesprovision.
(a) the number of water rights (within the meaning of section 3 of the Irrigation Act, 1912, immediately before the amendment of that section by Item 466) which, immediately before that day, were attached to or were a fixed charge on holdings within irrigation areas constituted under that Act shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number; and
(b) the price of the water rights referred to in paragraph (a) shall be reduced in the ratio of four to five.

Act No. , 1974.

## Metric Conversion.

## SCHEDULE.



## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Intem. |
| 5 1901, No. 75 | Mines Inspection Act: continued | Column 3 of the Schedule to section 55 (56) (q). | 15,000 pounds per square inch. | 103400 kilopascals | 122A |
| 10 |  |  |  |  | 228 |
| 10 |  |  | 10, ${ }^{\text {square }}$ pounds per | 68900 kilopascals | 2 C |
|  |  |  | , sauare inch. | 300 kilopas .. | 2 |
| 15 |  | Section $55(56)(\mathrm{u})$ (the definition of (t) | 132,0 | 132 kilovolts-4 metres | 123 |
|  |  |  | 20 | tres |  |
|  |  | Section 55 (56) (u) | 10 feet | 4 metres | 125 |
| 20 |  |  | 5 feet 11,000 | 2 metres | 126 |
|  |  | Section 55 (60) | ${ }^{11,000 ~ \mathrm{eotits}}$ four feet tight inches | 1.5 metres | 128 |
|  |  | Section 555 (63) (c) (c) | twenty-five (25) feet. fifty ( 50 ) feet.. | 8 metres 15 metres | 129 |
| 25 |  |  | forty (40) feet | 12 metres | 131 |
|  |  | Section 55 (658) ${ }_{\text {The }}$ The | ${ }_{5,000,000}^{\text {microns }}$ per cubic | ${ }^{\text {michemetres }} 150$ per cubic centi- | ${ }_{132}^{132}$ |
|  |  | ${ }^{\text {The }}$ "Concentration ${ }^{\text {coaded }}$ in | foot of air. | metre of air. | , |
| 30 |  | ceiter in the |  |  |  |
|  |  | Section 55 (72) | fifteen (15) feet | 5 metres | 133 |
|  |  |  | four (4) feet.. | ${ }_{15}^{1.5}$ mentres | ${ }_{134}^{133}$ |
| 35 |  | Section (ii) (a) a S | six tons per square | 700 megapascals | 136 |
|  |  |  | inch. $\begin{aligned} & \text { inff an inch .. .. }\end{aligned}$ | 15 millimetres | 137 |
|  |  | (ii) (c) (ii). |  |  |  |
| 40 |  | Schedule (III, para- | three inches .. five horse-power | $\begin{aligned} & 80 \text { millimetres } \\ & 5 \text { kilowatts } \end{aligned} .$ | ${ }_{139}^{138}$ |
|  |  |  |  |  |  |
| ${ }^{\text {1902, No. } 38}$ | Billiards ${ }_{\text {Bat }}$ | Section 14 (1) | two inches .. | 50 millimetres | 141 |
| 45 | Bagatelle 1902 Act, |  |  |  |  |
| 1902, No. 57 | Hay Irrigation | Section 18 (1) | twenty dollars per | \$50 per hectare | 142 |
|  |  |  | three miles .. .. |  |  |
|  |  | Section 20 (1) Section 27 (3) |  | hectare $\square$ -• |  |
| 50 1902, No. 78 | $\begin{array}{\|c} \text { Balranald } \\ \text { gation Act, } 1902 \text { Irri- } \end{array}$ | Section 25 (3) ${ }^{\text {S }}$ | ${ }^{\text {three miles }}$ acre (wherever occuir- | 5 kilometres .. hectare | 145 146 |
|  |  | Second Schedule | ring). five acres . | 2 hectares |  |
| 55 |  |  | forty acres four dollars per acre | 20 hectares $\$ 10$ per hectare | 148 |
|  |  |  | (wherever occurring). |  |  |
| 1904, No. 37 | $\begin{gathered} \text { Closer } \\ \text { ment Act, } 19044 \end{gathered}$ | Section 388 Section 46 ( 5 ) | half an acre .. $\begin{aligned} & \text { acre } . . \\ & \end{aligned}$ | ${ }_{\text {Lectare }}^{2025}$ square metres | ${ }_{151}^{150}$ |
| $60^{\text {1907, No. } 12}$ |  | Section 5 (1).. | fifteen miles (wherever | 25 kilometres ${ }^{\text {- }}$ | 152 |
|  | $\begin{gathered} \text { ment } \\ \text { ment) Act } \\ \text { Dend } \\ \text { Dond } \end{gathered}$ | Section 5 (6) . . | fifteen miles | 25 kilometres | 153 |
| 1908, No. 31 | Pure Food Act, 1908. | Section 25 | fifteen miles .. | 24 kilometres | 154 |
| $65^{\text {1909, No. } 21}$ | Closer Settle- | Section 21 (2) | value per acre | values.. | 155 |
| 1912, No. 25 | ment) Act, 1909 . |  |  | 24 kilometres |  |
|  | ting Act, 1912. | Section 500 (c) | one mile | ${ }^{2} 8$ kilometres . |  |
| 70 |  | Section 51 (2) | five miles three feet | 1 metre ${ }^{\text {dila }}$. |  |
|  |  | Sec | six furlongs forty miles . | ${ }_{64}^{1200}$ metreseses.. |  |

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


Metric Conversion.

Schedule-continued.


Metric Conversion.

Schedule-continued.


Act No. , 1974.
Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ |
| 1912, No. 70 | State Coal Mines Act, 1912. | First Schedule .. | 9595 acres 22 chains $89 \cdot 1$ links. 85 chains 84 links 800 tons | 3883 hectares $460 \cdot 49$ metres 1726.83 metres 810 tonnes | 458 459 460 461 |
|  |  | Second Shedule, paragraph 7. | 2,000 tons (wherever | 2030 tonnes .. | 462 |
|  |  | Second Schedule, paragraph 8 (b). <br> SecondSchedule, paragraph 8 (c). <br> Second Schedule, paragraph 9 (a). | $\begin{aligned} & \text { occurring). } \\ & \text { ton }\end{aligned} . . . \quad .$. | tonne .. .. | 463 |
|  |  |  | ton | tonne .. .. | 464 |
|  |  |  | tonnage .. | mass .. | 465 |
| 1912, No. 73 .. | $\begin{aligned} & \text { Irrigation Act, } \\ & \text { 1912. } \end{aligned}$ | Section 3 (the definition of "Water right'). | such a quantity annually of water twelve inches deep as would cover an area of one acre. | a quantity of 1 megalitre of water annually. | 466 |
|  |  | Section 13A (1) .. |  | megalitre | 467 |
|  |  | Section 13A (3) Section 14 (1) | acre foot $\because$ and | megalitre | 468 |
|  |  | $\begin{array}{\|l} \text { Section 191 (i) (w) (ii) } \\ \text { Section } 26 \text { (i) } \end{array}$ | $\begin{array}{lll}\begin{array}{l}\text { yards. } \\ \text { ten acres }\end{array} & \ldots & . . \\ \text { acre }\end{array} . .$. | $\begin{array}{ll} 4 \text { hectares } & . \\ \text { hectare } & . . \end{array}$ | 470 |
| 1913, No. 7 | Crown Lands Act, 1913. | Section 34 <br> Section 49 (1) <br> Section 49 (2) <br> Section 52 <br> Section 57 (1) (e) <br> Section 59 (1) | one mile one square mile sixty cents per acre. one dollar per acre one and two-thirds of a cent per acre. two dollars per acre. . forty acres three hundred and twenty acres. six hundred and forty acres. | 1500 metres . . 225 hectares. $\$ 1.40$ per hectare \$2.40 per hectare 4 cents per hectare | 472473474475476 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | $\$ 4.94$ per hectare 20 hectares 160 hectares | 477 478 479 |
|  |  |  |  | 320 hectares | 479 480 |
|  |  | Section 60 <br> Section 62 (2) | forty acres sixteen dollars per acre. <br> five dollars per acre. . | $\begin{aligned} & 16 \text { hectares } . \\ & \$ 39.50 \text { per hectare } \end{aligned}$ | 481 |
|  |  |  | acre. <br> five dollars per acre. . <br> five dollars (where <br> secondly occurring). | $\begin{aligned} & \$ 12.35 \text { per hectare } \\ & \$ 12.35 \quad \cdots \end{aligned}$ | 483 484 486 |
|  |  | Section 62 (4) | secondly one acre one-quarter of an acre | $1 \begin{aligned} & 1 \\ & 1 \\ & 020 \\ & 020 \\ & \text { square } \\ & \text { metres }\end{aligned} .$. | 487 |
|  |  |  | two acres three miles <br> one acre |  | 488 489 490 |
|  |  | Section 63 (3) | $\begin{array}{lll}\text { acre acre } & \cdots & . . \\ \end{array}$ | hectare .. .. | 491 |
|  |  |  | sixteen dollars .- | \$40 $\quad . . \quad .$. | 492 |
|  |  |  | five dollars one dollar fifty cents.. | $\begin{array}{llll}\text { \$13 } & \cdots & . . & . . \\ & \end{array}$ | 494 |
|  |  | Section 66 (2) Section 75 c | $\begin{array}{lll}\text { five acres } \\ \text { one acre } & . . & .\end{array}$ | 3 hectares 4050 40 | 495 |
|  |  | $\begin{array}{lll}\text { Section } 750 \\ \text { Section } 78 & \ldots & . . \\ \end{array}$ | one acre ten thousand two | 4000 hectares $\quad .$. | 497 |
|  |  | Section 80 (1) (a) | hundred and forty acres. <br> twenty acres. | 10 hectares .. .. | 498 |

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ |
| 5 1924, No. $31 \ldots$ 10 | Prickly-pear Act, 1924. | Section 14 (1) (d) <br> Section 15 (6) (a) <br> Section 15 (6) (b) <br> Section 16 (2) <br> Section 20 (6) | ten feet <br> ten cents per acre ten cents per acre two acres five thousand acres acre |  | $\mathbf{5 6 9}$ $\mathbf{5 7 0}$ $\mathbf{5 7 1}$ $\mathbf{5 7 2}$ $\mathbf{5 7 3}$ $\mathbf{5 7 4}$ |
| 1925, No. 3 15 | $\begin{aligned} & \text { Mines } \\ & \text { Act, } 1925 . \end{aligned}$ | Section 9 (1) .. | one hundred and forty-four square feet. <br> seventy degrees Fahrenheit. | 13 square metres .. | 575 576 |
| 1930, No. 20 .. | Optometrists Act, 1930. | Section 35 (2) (a) <br> Section 35 (2A) (a) <br> Section 35 (2b) (a) | five miles five miles five miles | 8 kilometres.. 8 8 kilometres kilometres . | 577 578 579 |
| $20^{\text {1930, No. } 37} \ldots$ | Reclamation Act, 1930. | Section 25 (1) | one hundred feet .. | 30.5 metres .. | 580 |
| 1931, No. 56 .. | Finance (Grey-hound-racing Taxation) Act, 1931. | Section 4 (1).. <br> Section 5 (1) <br> Section 5 (2).. | forty miles (wherever occurring). <br> forty miles <br> forty miles | $\begin{array}{ll}64 \text { kilometres } & . . \\ 64 \\ 64 \text { kilometres } & \ldots \\ 64 \\ \text { kilometres }\end{array}$ | 581 582 583 |
| 25 1934, No. $59 .$. | CharitableCol- <br> lections <br> 1934. Act, | Section 10 (3) .. | ten miles | 16 kilometres | 584 |
| $30^{1935, \text { No. } 42 \ldots}$ | Gas and Electricity Act, 1935. | Section 10 (1) | gas unit (wherever occurring). <br> five one-thousandths of a cent. gas units (wherever | megajoule <br> ten ten-thousandths of a cent. megajoules | 585 586 587 |
| 35 |  | Section 26 <br> Section 28 (1) <br> Section 28 (3) | gas units twenty-five yards thirty feet | megajoules twenty metres ten metres | $\begin{aligned} & 588 \\ & 589 \\ & 590 \end{aligned}$ |
| $40^{\text {1937, No. } 31 . .}$ | Racing Taxation Act, 1937. | Section 5 (3). . <br> Section 5 (4) <br> Section 5 (5). <br> Section 5 (6) | forty miles forty miles forty miles forty miles | sixty-four kilometres sixty-four kilometres sixty-four kilometres sixty-four kilometres | 591 592 593 594 |
| 1938, No. 10 .. | Soil Conservation Act, 1938. | Section 21c (3) (a) .. <br> Section 21c (3) (b) .. | three trees on any area of one acre. <br> five acres | seven trees on any area of one hectare. 2 hectares | $\begin{aligned} & 595 \\ & 596 \end{aligned}$ |

Act No. , 1974.

## Metric Conversion.

Schedule-continued.


Act No. , 1974.
Metric Conversion.

Schedule-continued.


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## ELIZABETHAE II REGINAE

Act No. 51, 1974.
An Act to facilitate the adoption of the metric system of measurement; to amend references to physical quantities in certain Acts; and for purposes connected therewith. [Assented to, 6th May, 1974.]

BE

Metric Conversion.

BE it enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as follows:-

Short title.

1. This Act may be cited as the "Metric Conversion Act, 1974".

Purpose of Act.

Interpretation.
2. The provisions of this Act, other than the provisions of-
(a) section 5, in so far as the provisions of that section effect the amendments specified by Items 441 and 466;
(b) Items 441 and 466; and
(c) sections 11 and 12 ,
are for the purpose of metric conversion.
3. In this Act or in an instrument made for the purposes of this Act, a reference to an Item or Item number, however expressed, is a reference to a number in the column headed "Item No." in Column 2 of the Schedule and the provision of the Schedule set forth opposite that number.

Commencement.
4. (1) This section and sections 1,2 and 3 shall commence on the date of assent to this Act.
(2) Except as provided in subsection (1)-
(a) the provisions of this Act, other than the provisions referred to in paragraphs (b) and (c), shall commence on such day or days as may be appointed by the Governor in respect thereof and as may be notified by proclamation published in the Gazette;

Metric Conversion.
(b) the provisions of section 5 , in so far as they effect an amendment specified by an Item in the Schedule, and of that Item, shall commence on such day as may be appointed by the Governor in respect of that Item, whether by reference to that Item or otherwise, and as may be notified by proclamation published in the Gazette; and
(c) the provisions of-
(i) section 10 ; and
(ii) notwithstanding paragraph (b), the provisions of section 5 to the extent to which they effect the amendments specified by Items 585 to 590, and of those Items,
shall be deemed to have commenced on 1st January, 1974.
5. Each Act specified in Column 1 of the Schedule is Amendment amended in the provision of that Act specified opposite of Acts. thereto in the column headed "Provision of Act" in Column 2 of the Schedule-
(a) by omitting from that provision the matter specified opposite that provision in the column headed "Matter to be omitted" in Column 2 of the Schedule, other than such matter, if any, as appears in brackets and is printed in italics; and
(b) by inserting instead the matter specified opposite that provision in the column headed "Matter to be inserted" in Column 2 of the Schedule.

## Metric Conversion.

Further amendment of Act No. 75, 1901.

Sec. 55. (General rules.)
6. The Mines Inspection Act, 1901, is further amended-
(a) by omitting Table B in section 55 (56) (q) (xiv) (2) and by inserting instead the following table :Table B.

| Column 1 | Column 2 |
| :---: | :---: |
| Overall Length of Pole | Depth of Pole in Earth |
|  |  |
| 8 metres | 1.4 metres |
| 9 metres | 1.5 metres |
| 11 metres | $1 \cdot 7$ metres |
| 14 metres | $1 \cdot 8$ metres |
| 15 metres | $2 \cdot 0$ metres |
| 17 metres | $2 \cdot 1$ metres |
| 18 metres | 2.3 metres |
| 21 metres | 2.3 metres |
|  | 2.4 metres |
|  | 2.6 metres |

(b) by omitting Table E in section 55 (56) (q) (xxvi) (1) and by inserting instead the following table :Table E.

| Column 1 | Column 2 | Column 3 | Column 4 |
| :---: | :---: | :---: | :---: |
|  | Height above Ground or Distance from Ground in any Direction |  |  |
| Voltage | Over the carriageway of roads | Over land other than the carriageway of roads | Over lands which canno be traversed by vehicular traffic |
| Not exceeding 650 volts | 6 metres | 6 metres | 5 metres |
| Exceeding 650 volts but not exceeding 33 kilovolts | 7 metres | 7 metres | 5 metres |
| Exceeding 33 kilovolts but not exceeding 132 kilovolts | 7 metres | 7 metres | 6 metres |
| Exceeding 132 kilovolts | 8 metres | 8 metres | 7 metres |

## Metric Conversion.

(c) by omitting Table F in section 55 (56) (q) (xxvii) and by inserting instead the following table :-

Table F.

| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
| :---: | :---: | :---: | :---: | :---: |
|  | Voltage not exceeding 650 volts |  | Voltage exceeding 650 volts but not exceeding 33 kilovolts | Voltage exceeding 33 kilovolts |
|  | $\begin{gathered} \text { Bare } \\ \text { neutral } \\ \text { conductor } \\ \text { or } \\ \text { insulated } \\ \text { conductor } \end{gathered}$ | Bare phase conductor |  |  |
| (a) Any part of any roof or similar structure, vertically below an overhead line and normally accessible persons. | 3 metres vertically | 4 metres vertically | 5 metres vertically | 6 metres vertically |
| (b) Any part of any roof or similar structure, vertically below an overhead line and not normally accessible to persons. | 3 metres vertically | 3 metres vertically | 4 metres vertically | 5 metres vertically |
| (c) A wall or structure not normally accessible to persons. | 50 centimetres in direction | $\begin{aligned} & 1 \text { metre } \\ & \text { in any } \\ & \text { direction } \end{aligned}$ | $\begin{aligned} & 2 \text { metres } \\ & \text { in any } \\ & \text { direction } \end{aligned}$ | 4 metres in any direction |
| (d) Any window opening, any balcony, verandah or the like. | 1.5 metres in any direction | 2 metres in any direction | 2.5 metres in any direction | 4 metres in any direction |

## Metric Conversion.

(d) by omitting from section 55 (56) (q) (xxviii) (2) the matter in the columns headed "Higher Voltage." and "Clearance to next Circuit." and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage. $\quad \begin{aligned} & \text { Clearance to } \\ & \text { next Circuit. }\end{aligned}$
Above 650 volts but not exceeding 33 kilovolts .. .. 1.5 metres

Above 33 kilovolts but not exceeding 66 kilovolts .. 2 metres

Above 66 kilovolts but not exceeding 132 kilovolts .. 2.5 metres
(e) by omitting from section 55 (56) (q) (xxix) (b) the matter in the columns headed "Higher Voltage of either Circuit" and "Clearance" and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage of either Circuit. Clearance.
Not exceeding 650 volts . . . 1.5 metres

Not exceeding 33 kilovolts .. 2 metres
Not exceeding 66 kilovolts .. 2.5 metres
Not exceeding 132 kilovolts .. 4 metres
Exceeding 132 kilovolts .. .. 5 metres

## Metric Conversion.

7. The Coal Mines Regulation Act, 1912, is further Further amendedamendment of Act No. 37, 1912.
(a) by omitting Table A and Table B in Rule 1A (1) of section 54 and by inserting instead the following $\begin{array}{r}\text { (Gules.) }\end{array}$ tables :-

TABLE A.
Showing "still air effective temperatures" to the nearest tenth degree Celsius.

| Wet | Dry Bulb Temperatures in Deg. C. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Temp. in Deg. C. | 29.4 | 28.9 | $28 \cdot 3$ | $27 \cdot 8$ | $27 \cdot 2$ | $26 \cdot 7$ | $26 \cdot 1$ | $25 \cdot 6$ | $25 \cdot 0$ | $24 \cdot 4$ | 23.9 |
| 29.4 | 29.4 |  |  |  |  |  |  |  |  |  |  |
| $28 \cdot 9$ | $29 \cdot 1$ | 28.9 |  |  |  |  |  |  |  |  |  |
| $28 \cdot 3$ | $28 \cdot 6$ | $28 \cdot 6$ | $28 \cdot 3$ |  |  |  |  |  |  |  |  |
| $27 \cdot 8$ | $28 \cdot 3$ | 28.0 | $28 \cdot 0$ | $27 \cdot 8$ |  |  |  |  |  |  |  |
| $27 \cdot 2$ | $28 \cdot 0$ | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 5$ | $27 \cdot 2$ |  |  |  |  |  |  |
| $26 \cdot 7$ | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 2$ | $26 \cdot 9$ | $26 \cdot 9$ | $26 \cdot 7$ |  |  |  |  |  |
| $26 \cdot 1$ | $27 \cdot 2$ | 26.9 | $26 \cdot 9$ | $26 \cdot 7$ | 26.4 | $26 \cdot 4$ | $26 \cdot 1$ |  |  |  |  |
| $25 \cdot 6$ | 26.9 | 26.7 | $26 \cdot 4$ | $26 \cdot 4$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ |  |  |  |
| $25 \cdot 0$ | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 5$ | $25 \cdot 5$ | $25 \cdot 3$ | 25.0 |  |  |
| $24 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | 25.8 | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | 24.4 |  |
| $23 \cdot 9$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | $24 \cdot 7$ | 24.4 | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 |
| $23 \cdot 3$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | 241 | 22.9 | 23.9 | $23 \cdot 6$ |
| $22 \cdot 8$ | $25 \cdot 3$ | $25 \cdot 0$ | 25.0 | $24 \cdot 7$ | 24.4 | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 6$ | $23 \cdot 3$ |
| $22 \cdot 2$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | 24.4 | $24 \cdot 1$ | 23.9 | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ |
| 21.7 | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | $22 \cdot 5$ |
| $21 \cdot 1$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | 23.9 | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ | $22 \cdot 5$ | $22 \cdot 2$ |

TABLE B.
Correction to be applied to "still air effective temperature" obtained from Table A to allow for air movement.

| Air Movement in Metres per Second |  | Correction to be <br> Subtracted in Deg. C. |
| :---: | :---: | :---: |
| from- | to- |  |
| $\mathbf{0}$ | 0.0457 | 0 |
| $\mathbf{0 . 0 5 0 8}$ | 0.1321 | 0.28 |
| $\mathbf{0 . 1 3 7 2}$ | 0.2134 | 0.55 |
| $\mathbf{0 . 2 1 8 4}$ | 0.2997 | 0.83 |
| 0.3048 | 0.3962 | 1.10 |
| 0.4013 | 0.5080 | 1.38 |
| $\mathbf{0 . 5 1 3 1}$ | 0.6401 | 1.65 |
| $\mathbf{0 . 6 4 5 2}$ | 0.7823 | 1.93 |
| $\mathbf{0 . 7 8 7 4}$ | 0.9500 | 2.20 |
| $\mathbf{0 . 9 5 5 0}$ | 1.1227 | 2.48 |
| $\mathbf{1 . 1 2 7 8}$ | 1.3005 | 2.75 |
| $\mathbf{1 . 3 0 5 6}$ | 1.4833 | 3.04 |

(b) by omitting the definition of Sieves in the Introduction to the Sixth Schedule and by inserting instead the following definition :-

Sieves

Act No. 51, 1974.
Metric Conversion.
Sieves designated of nominal aperture size 63 micrometres and 250 micrometres means wire woven test sieves (grade B) manufactured in accordance with Australian Standard 1152-1973 (as amended to 1st April, 1974) ;
(c) by omitting Appendix I, Appendix II and Appendix III to the Seventh Schedule and by inserting instead the following appendices :-

APPENDIX I.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE I.-RUBBER INSULATED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| Number and Diameter (millimetres) of Wires comprising Conductor.* <br> (1) | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Two Single-core Cables. <br> (3) | One Twin Cable or Four Singlecore Cables. <br> (4) | One Three or Four-core or Six Single-core Cables. <br> (5) |
|  | $\mathrm{mm}^{2}$ | A | A | A |
| 1/1-12 | 1.0 | $6 \cdot 1$ | $4 \cdot 9$ | $4 \cdot 3$ |
| 3/0.74 | $1 \cdot 3$ | $7 \cdot 8$ | $6 \cdot 4$ | $5 \cdot 5$ |
| 3/0.91 | 1.9 | $12 \cdot 0$ | $9 \cdot 6$ | $8 \cdot 3$ |
| 1/1.63 | 1.9 | $12 \cdot 9$ | $10 \cdot 3$ | $9 \cdot 1$ |
| 7/0.74 | $2 \cdot 9$ | $18 \cdot 2$ | $14 \cdot 6$ | $12 \cdot 6$ |
| 7/0.91 | $4 \cdot 5$ | 24 | $19 \cdot 2$ | $16 \cdot 5$ |
| 7/1-12 | $6 \cdot 5$ | 34 | 27 | 24 |
| 7/1.32 | $9 \cdot 5$ | 43 | 34 | 30 |
| 7/1.63 | $14 \cdot 5$ | 55 | 44 | 39 |
| 19/1-12 | $19 \cdot 5$ | 65 | 52 | 46 |
| 19/1-32 | 26 | 78 | 63 | 55 |
| 19/1.63 | 39 | 105 | 84 | 74 |
| 19/1.83 | 48 | 123 | 98 | 86 |
| 19/2-11 | 65 | 152 | 122 | 106 |
| 37/1.63 | 77 | 174 | 140 | 122 |
| 37/1-83 | 97 | 205 | 160 | 145 |
| 37/2-11 | 129 | 254 | 200 | 180 |
| 37/2.36 | 161 | 293 | 235 | 205 |
| 37/2.62 | 194 | 330 | 265 | 230 |
| 61/2.36 | 258 | 400 | 320 | 280 |
| 61/2.62 | 323 | 460 | 370 | 325 |
| 91/2.36 | 387 | 514 | 410 | 360 |
| 91/2.62 | 484 | 592 | . . | .. |
| 127/2.36 | 548 | 640 | $\cdots$ | . |
| 127/2.62 | 645 | 712 | $\ldots$ | $\cdots$ |

[^0]
## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Electrical Research Association Research Report FT/60.
(c) No rubber insulated cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

> Initial Ambient Temperature Degrees Celsius

## 29.4

 Amperes permissible to be mutiplied by32.2 0.928
32.2 . . . . . . . . . . . . . . . . . . . . . . 0.852
35.0 . . . . . . . . . . . . . . . . . . . . 0.770
37.8
0.681
40.6 . . . . . . . . . . . . . . . . . . . . . . 0.580
43.3 ......................... . . . 0.466

## Metric Conversion.

APPENDIX II.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE II.-PAPER INSULATED AND LEAD COVERED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Temperature of $76.7^{\circ}$ Celsius.

| Number and Diameter (millimetres) of wires comprising Conductor. | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Two Single-core Cables laid together. | One Concentric or Twin Cable, or Four Singlecore Cables. | One Three-phase Cable or Six Single-core Cables. Cables. |
| (1) | (2) | (3) | (4) | (5) |
|  | $\mathrm{mm}^{2}$ | A | A | A |
| 7/0.91 | $4 \cdot 5$ | 39 | 31 | 27 |
| 7/1-12 | $6 \cdot 5$ | 58 | 46 | 41 |
| 7/1.32 | $9 \cdot 5$ | 79 | 63 | 55 |
| 7/1.63 | $14 \cdot 5$ | 105 | 84 | 73 |
| 19/1-12 | $19 \cdot 5$ | 121 | 97 | 85 |
| 19/1-32 | 26 | 146 | 117 | 102 |
| 19/1.63 | 39 | 190 | 152 | 133 |
| 19/1-83 | 48 | 217 | 173 | 152 |
| 19/2-11 | 65 | 264 | 211 | 185 |
| 37/1.63 | 77 | 292 | 234 | 204 |
| 37/1.83 | 97 | 340 | 272 | 238 |
| 37/2-11 | 129 | 410 | 328 | 287 |
| 37/2-36 | 161 | 470 | 376 | 329 |
| 37/2.62 | 194 | 535 | 428 | 374 |
| 61/2.36 | 258 | 650 | 520 | 455 |
| 61/2.62 | 323 | 740 | 592 | 518 |
| 91/2.36 | 387 | 830 | . . | .. |
| 91/2.62 | 484 | 930 | . | $\ldots$ |
| 127/2.36 | 548 | 1,000 | $\cdots$ | $\cdots$ |
| 127/2.62 | 645 | 1,000 | $\cdots$ | $\cdots$ |

[^1]
## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Tables 5 and 6 of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings, 10th Edition.
(c) In all cases the current of paper insulated and lead covered cables shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 76.7 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius, the permissible current shall be reduced in accordance with the following reduction factors:-


## APPENDIX III.

## (Seventh Schedule-Regulation 53.)

TABLE III.-FLEXIBLE CORDS AND CABLES. (Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| Cross Sectional Area. | Stranding. | Current Carrying Capacity. <br> (Subject to Voltage-drop and Adjustment for Ambient Temperature.) |  |
| :---: | :---: | :---: | :---: |
|  |  | Continuous. | Intermittent. |
| mm ${ }^{2}$ |  | A | A |
| $1 \cdot 1 . . . .$. | $40 / \cdot 193 \mathrm{~mm}$ | $7 \cdot 5$ | 7.5 |
| $1 \cdot 9$ | $70 / \cdot 193 \mathrm{~mm}$ | 10 | 10 |
| 3-1............. | $110 / 193 \mathrm{~mm}$ | 15 | 15 |
| $4 \cdot 5$ | 162/.193 mm | 20 | 20 |
| $6 \cdot 5$ | $97 / .305 \mathrm{~mm}$ | 25 | 35 |
| $9 \cdot 5$ | $60 / .457 \mathrm{~mm}$ | 30 | 42 |
| $14 \cdot 5$ | $91 / .457 \mathrm{~mm}$ | 37 | 51 |
| $19 \cdot 5$ | $117 / .457 \mathrm{~mm}$ | 42 | 59 |
| 26 | $163 / .457 \mathrm{~mm}$ | 51 | 71 |
| 39 ............. | 2481.457 mm | 61 | 92 |

## Notes.

Act No. 51, 1974.

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on those of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings and of British Standard Specification No. 708 "Trailing Cables for Mining Purposes."
(c) No rubber insulated flexible cord or cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius, and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

> Initial Ambient
> Temperature Degrees Celsius.

Amperes permissible to be multiplied by
32.2 .............. . . . . . . . . 0.852
35.0 . . . . . . . . . . . . . . . . . . . . 0.770
37.8 . . . . . . . . . . . . . . . . . . . . . . 0.681
40.6 . . . . . . . . . . . . . . . . . . . . . . 0.580
43.3 . . . . . . . . . . . . . . . . . . . . . . 0.466 special purchases.)
29.4 . . . . . . . . . . . . . . . . . . . 0.928
32.2 . . . . . . . . . . . . . . . . . . . 0.852
35.0 ........................... . . 0.770
37.8 . . . . . . . . . . . . . . . . . . . . . . 0.681
40.6 . . . . . . . . . . . . . . . . . . . . . . 0.580
43.3 . . . . . . . . . . . . . . . . . . . . . . 0.466
8. The Irrigation Act, 1912, is further amended by omitting section 13A (5). of Act No. of Act No. 73, 1912. Sec. 13A. (Supply of water during hours of daylight.) Further amendment of Act No. 7, 1913.
Sec. 65.
(Rescission of reservation of water frontage.)
Sec. 66.
(Miscellaneous
Further
9. The Crown Lands Consolidation Act, 1913, is further amended-
(a) by omitting from section 65 the words "per acre";
(b) by omitting from section 66 (1) the words "per acre".

Metric Conversion.
10. (1) The Gas and Electricity Act, 1935, is further Further
amendment
of Act No.

amended- \begin{tabular}{l}

(a) (i) by omitting the definition of "British thermal | Sec. 3. |
| :--- |
| (Defini- |
| unit" in section 3 ; | <br>

(ii) by omisting the definition of "Gas unit" in <br>
section 3 and by inserting instead the following <br>
definition :- <br>
"Heating value" or "heating power", in <br>
relation to a gas, means the number of <br>
megajoules per standard cubic metre;
\end{tabular}

(b) by omitting section 23 (3) and by inserting instead Sec. 23. the following subsection :-
(Heating power.)
(3) A gas company shall supply gas at a pressure of not less than 750 pascals nor greater than 1500 pascals between the hours of $5 \mathrm{a} . \mathrm{m}$. and 9 p.m. and not less than 500 pascals between the hours of 9 p.m. and 5 a.m.

Such pressure shall be measured at such points as may be prescribed.
(c) by omitting from section 33 the words "not Sec. 33. exceeding seven one hundred and twentieths of one (Charge for cent for each gas unit supplied".
(2) The repeal and re-enactment of section 23 (3) of the Gas and Electricity Act, 1935, effected by subsection (1) (b), do not repeal the regulations made for the purposes of that section of that Act.
11. On the day on which Item 441 commences, the Water Act, number of water rights (within the meaning of section 130 of $\begin{aligned} & 1912-12 \\ & \text { transitional }\end{aligned}$ the Water Act, 1912, immediately before the amendment of provision. that section by Item 441) which, immediately before that day, were attached to a holding within a district constituted under Part VI of the Water Act, 1912, shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number.

Metric Conversion.

Irrigation Act, 1912 transitional provision.
12. Notwithstanding the provisions of sections 7, 7A, 7B and 7c of the Irrigation Act, 1912, on the day on which Item 466 commences-
(a) the number of water rights (within the meaning of section 3 of the Irrigation Act, 1912, immediately before the amendment of that section by Item 466) which, immediately before that day, were attached to or were a fixed charge on holdings within irrigation areas constituted under that Act shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number ; and
(b) the price of the water rights referred to in paragraph (a) shall be reduced in the ratio of four to five.

## Metric Conversion.

## SCHEDULE.

Column 1.
Column 2.

| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 54 Vic., No. 7. . | Wentworth Irrigation Act. | $\begin{aligned} & \text { Section } 23 \\ & \text { Section } 31 \text { (2) (a) (i). } \end{aligned}$ | three miles acre | 5 kilometres .. hectare | 1 |
| 1900, No. 34 .. | $\begin{aligned} & \text { Witnesses } \begin{array}{l} \text { Exam- } \\ \text { ination } \\ 1900 . \end{array} \end{aligned}$ | Section 6 (1).. .. | two hundred miles (wherever occurring). | 320 kilometres | 3 |
| 1901, No. 9 .. | $\begin{aligned} & \text { Anatomy Act, } \\ & 1901 . \end{aligned}$ | Section 12 (1) (a) .. | ten miles | 16 kilometres | 4 |
| 1901, No. 11 .. | $\begin{aligned} & \text { Public } \\ & \text { Act, 1901. } \end{aligned}$ | Section 4 (3) .. .. | three inches | 75 millimetres | 5 |
| 1901, No. 70 .. | Western Lands Act, 1901. | $\begin{array}{ll}\text { Section } 17 \text { (7) } & . . \\ \text { Section 17A }\end{array}$ | acre two hundred one mile | hectare 80 hectares 1610 metres ... | 6 7 8 |
|  |  | Section 288 (4) Section 31 (5) | acre $\ldots$. $\quad . \quad$. two hundred gallons | hectare 909 litres | 9 10 |
|  |  | Section 41 (2) | ten chains .. .. | 201 metres .- | 11 |
|  |  | Section 44 (1) | acre .. $\quad . \quad$. | hectare . | 12 |
|  |  | Schedule G . | 111 chains 75 links.. | 2248.05 metres | 13 |
|  |  | Schedule H .. | acres .. .. .. | hectares | 14 |
| 1901, No. 75 .. | Mines Inspection Act, 1901. | Section 12 (3) (b) . . | five horse power twenty horse power ten horse power | 5 kilowatts . 20 kilowatts 10 kilowatts .. | 15 16 17 |
|  |  | Section 41 (1) .. | one hundred feet to an inch. | 1:1250 .. | 18 |
|  |  | Section 42B (1) .. | forty feet .. .. | 15 metres . . | 19 |
|  |  | Section 45 (5) <br> Section 50 (2) <br> Section 55 (i, c) | $\begin{array}{lll}\text { fifty yards } \\ \text { two miles } & . . & .\end{array}$ | 50 metres . 4 kilometres .. | 20 |
|  |  |  | two miles  <br> one thousand feet $\cdots$ | 300 metres .. | 22 |
|  |  | Section 55 (1) (d) .. | eighty degrees Fahrenheit. | 27 ${ }^{\circ}$ Celsius .. | 23 |
|  |  |  | seventy-eight degrees Fahrenheit. | $26^{\circ}$ Celsius | 24 |
|  |  | Section 55 (2) (b) (ii) | 500 lb . . . . | 200 kilograms | 25 |
|  |  | Section 55 (2) (b) (ii) | 50 feet $\quad \because \quad \cdots$ | 15 metres .. | 26 |
|  |  | Section 55 (2) (c) (i).. | four inches (wherever | 10 centimetres | 27 |
|  |  | Section 55 (2) (c) (ii). . | three feet (wherever | 1 metre | 28 |
|  |  | Section 55 (2) (d) (v).. | occurring). <br> two inches (wherever | 5 centimetres. . .. | 29 |
|  |  |  | occurring). |  |  |
|  |  |  | fifty feet .. .. | 15 metres .. |  |
|  |  | Section 55 (2) (d) (vi) Section 55 (2) (d) (vii) | $\begin{array}{lll}\text { fifty feet } \\ \text { fifty feet } & . & . . \\ \text { dit }\end{array}$ | 15 metres 15 metres $\quad .$. | 31 32 |
|  |  | Section 55 (2) (d) (ix) Section 55 (2) (e) (i). | $\begin{array}{lll}\text { fifty feet } \\ \text { six feet } & \cdots & . .\end{array}$ | $\begin{array}{lll}15 \text { metres } & \cdots & \cdots \\ 2 \text { metres } & \cdots & \cdot\end{array}$ | 33 |
|  |  | Section 55 (2) (f) (ii).. | not more than twelve, and not less than six inches. | not more than 30, and not less than 15 centimetres. | 34 |
|  |  | Section 55 (12)Section 55 (14) | twenty yards... $\quad$. | 20 metres .. | 35 |
|  |  |  |  | 60 metres . | 36 |
|  |  | Section 55 (14) $\quad .$. | thirty yards .. | 30 metres .. | 37 |
|  |  | Section 55 (18) .. | twenty yards... | 20 metres 10 tonnes | 38 |
|  |  |  | one hundred yards .. | 100 metres | 40 |
|  |  |  | three feet $\because \quad$. | 1 metre .. | 41 |
|  |  | $\begin{aligned} & \text { Section } 55 \text { (19) } \\ & \text { Section } 55(23) \end{aligned}$ | two hundred feet $\quad .0$ | 60 metres $\because 60$ centi- | 42 |
|  |  |  | not less than two nor more than four feet. | not less than 60 centimetres or more than 1.2 metres. | 43 |

## Metric Conversion.

Schedule-continued.

Column 1.
Column 2.


## Metric Conversion.

## Schedule-continued.



Act No. 51, 1974.

## Metric Conversion.

## Schedule-continued.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{Column 1.} \& \multicolumn{4}{|c|}{Column 2.} \\
\hline Year and number of Act. \& Short title of Act. \& Provision of Act. \& Matter to be omitted. \& Matter to be inserted. \& Item
No. \\
\hline \multirow[t]{25}{*}{1901, No. 75continued} \& \multirow[t]{25}{*}{Mines Inspection Act, 1901continued} \& \multirow[t]{5}{*}{Column 3 of the Schedule to section 55 (56) (q).} \& \multirow[t]{2}{*}{15,000 pounds per square inch.} \& 103400 kilopascals . . \& \multirow[t]{2}{*}{122A} \\
\hline \& \& \& \& \& \\
\hline \& \& \& 12,000 pounds per square inch. \& 82700 kilopascals \& 122B \\
\hline \& \& \& 10,000 pounds per \& 68900 kilopascals \& 122C \\
\hline \& \& \& square inch.
7,000 pounds per \& 48300 kilopascals \& 122D \\
\hline \& \& \multirow[t]{3}{*}{Section 55 (56) (u) (i) (the definition of "Close Proximity").} \& \multirow[t]{2}{*}{132,000 volts-10 feet} \& \multirow[t]{2}{*}{132 kilovolts-4 metres} \& \multirow[t]{2}{*}{123} \\
\hline \& \& \& \& \& \\
\hline \& \& \& 20 feet \& 7 metres .. \& \multirow[t]{2}{*}{125} \\
\hline \& \& \multirow[t]{3}{*}{Section 55 (56) (u) (vi).} \& \multirow[t]{2}{*}{) 10 feet} \& 4 metres .. .. \& \\
\hline \& \& \& \& 2 metres \& 126 \\
\hline \& \& \& 11,000 volts . \& 11 kilovolts \& 127 \\
\hline \& \& Section 55 (60) \& four feet eight inches \& 1.5 metres .. \& 128 \\
\hline \& \& Section 55 (63) (c) .. \& twenty-five (25) feet. \& 8 metres 15 metres \& 129 \\
\hline \& \& Section 55 (63) (d) \& \(\begin{array}{ll}\text { fifty (50) feet.. } \\ \text { forty (40) feet }\end{array} \quad .\). \& 15 metres
12 metres \& 130 \\
\hline \& \& \multirow[t]{5}{*}{\begin{tabular}{l}
Section 55 (65B) \\
The column headed "Concentration in particles" in the Table to section 55 (65b). \\
Section 55 (72)
\end{tabular}} \& microns . \& micrometres \& \multirow[t]{3}{*}{132A} \\
\hline \& \& \& \(5,000,000\) per cubic foot of air. \& \multirow[t]{2}{*}{150 per cubic centimetre of air.} \& \\
\hline \& \& \& \& \& \\
\hline \& \& \& fifteen (15) feet
four (4) feet \& 5 metres
1.5 metres

a \& 133 <br>
\hline \& \& \& $\begin{array}{ll}\text { four (4) feet .. } \\ \text { six (6) inches. . } & \end{array}$ \& 1.5 metres ${ }^{15}$ centimetres \& 134 <br>
\hline \& \& Section 55 (76) (g) \& 45 tons per square \& 700 megapascals \& 136 <br>
\hline \& \& (ii) (a). 55 (76) (g) \& inch.
half an inch .. .. \& \& <br>
\hline \& \& Section 55 (76) (g) (ii) (c) (ii). \& half an inch .. .. \& 15 millimetres \& 137 <br>
\hline \& \& \& three inches \& 80 millimetres \& 138 <br>
\hline \& \& \multirow[t]{2}{*}{Schedule III, paragraph 1 (3) (b).} \& \multirow[t]{2}{*}{- five horse-power} \& 5 kilowatts .. .. \& 139 <br>
\hline \& \& \& \& 10 kilowatts .. .. \& 140 <br>
\hline 1902, No. 38 \& Billiards and \& Section 14 (1) \& two inches .. \& 50 millimetres \& 141 <br>
\hline \& Bagatelle Act,
1902. \& \& \& \& <br>
\hline 1902, No. 57 \& Hay Irrigation \& Section 18 (1) \& twenty dollars per \& 550 per hectare \& 142 <br>
\hline \& Act, \& \& acre. ${ }_{\text {ares miles . . }}$ \& 5 kilometres . . . . \& 143 <br>
\hline \& \& Section 20 (1) \& $\begin{array}{lll}\text { three miles } \\ \text { acre } & . & . . \\ \end{array}$ \& $\begin{array}{lll}\text { S kilometres } & . . & \cdots \\ \end{array}$ \& 144 <br>

\hline \multirow[t]{5}{*}{1902, No. 78} \& \multirow[t]{5}{*}{Balranald Irrigation Act, 1902.} \& \multirow[t]{2}{*}{| Section 25 |
| :--- |
| Section 33 (3) |} \& three miles . .. \& 5 kilometres .. .. \& 145 <br>

\hline \& \& \& acre (whereler occur- \& hectare $\quad .$. \& 146 <br>

\hline \& \& \multirow[t]{3}{*}{Second Schedule} \& | ring). |
| :--- |
| five acres | \& 2 hectares .. .. \& \multirow[t]{3}{*}{147

148
149} <br>
\hline \& \& \& \multirow[t]{2}{*}{forty acres four dollars per acre} \& 20 hectares $\quad .$. \& <br>
\hline \& \& \& \& \$10 per hectare \& <br>

\hline 1904, No. 37 \& \multirow[t]{4}{*}{\[
$$
\begin{array}{|cr}
\text { Closer } & \text { Settle- } \\
\text { ment Act, 1904. } \\
\text { Closer } & \text { Settle- } \\
\text { ment } & \text { (Amend- } \\
\text { ment) Act, 1907. }
\end{array}
$$

\]} \& \multirow[t]{2}{*}{| Section 38 |
| :--- |
| Section 46 (5) |} \& (wherever occurring). half an acre \& \multirow[t]{2}{*}{2025 square metres. .} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 150 \\
& 151
\end{aligned}
$$
\]} <br>

\hline \multirow[b]{3}{*}{1907, No. 12} \& \& \& acre . . $\quad . \quad$. \& \& <br>

\hline \& \& Section 5 (1).. $\quad$. \& \multirow[t]{2}{*}{| occurring). |
| :--- |
| fifteen miles |} \& 25 kilometres ${ }^{*} \quad \cdots$ \& \[

$$
\begin{aligned}
& 151 \\
& 152
\end{aligned}
$$
\] <br>

\hline \& \& \multirow[t]{2}{*}{Section 5 (6) .
Section 25} \& \& 25 kilometres \& \multirow[t]{2}{*}{153} <br>
\hline 1908, No. 31 \& Pure Food Act, \& \& fifteen miles ... .. \& 24 kilometres $\quad$. \& <br>
\hline 1909, No. 21 . . \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{Section 21 (2) ..} \& \multirow[t]{2}{*}{value per acre ..} \& \multirow[t]{2}{*}{values.. ..} \& \multirow[t]{2}{*}{155} <br>
\hline 1909, No. 21 . \& \& \& \& \& <br>

\hline \multirow[t]{5}{*}{1912, No. 25} \& \multirow[t]{5}{*}{Gaming and Betting Act, 1912.} \& \multirow[t]{2}{*}{| Section 50 H (a) |
| :--- |
| Section 500 (c) |} \& fifteen miles .. .. \& 24 kilometres .. \& 156 <br>

\hline \& \& \& one mile
five miles \& \& \multirow[t]{4}{*}{158
159
160
161} <br>

\hline \& \& \multirow[t]{3}{*}{| Section 51 (2) |
| :--- |
| Section 51 (3) (b) |} \& \multirow[t]{3}{*}{five miles three feet six furlongs forty miles} \& \multirow[t]{3}{*}{\[

$$
\begin{aligned}
& 8 \text { kilometres . } \\
& 1 \text { metre } \\
& 1 \text { 200 metres } . \\
& 64 \text { kilometres }
\end{aligned}
$$
\]} \& <br>

\hline \& \& \& \& \& <br>
\hline \& \& \& \& \& <br>
\hline
\end{tabular}

## Metric Conversion.

Schedule-continued.
Column 1.
Column 2.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1912, No. 37 continued | Coal Mines Regulation Act, 1912-continued | Sixth Schedule. Regulation 157 (3) (f) (i). <br> Sixth Schedule, Regulation 157 (3) (f) (ii). <br> Sixth Schedule, Regulation 158 (c) (ii). <br> Sixth Schedule, Regulation 159. <br> Sixth Schedule, Regulation 215. <br> Sixth Schedule, Regulation 228. <br> Sixth Schedule, Regulation 237. <br> Sixth Scherlule, Regulation 252. <br> Sixth Schedule, Regulation 255 (a). <br> Sixth Schedule, Regulation 266 (a). <br> Sixth Schedule, Regulation 266 (b) (i). <br> Sixth Schedule, Regulation 266 (b) (ii). <br> Sixth Schedule, Regulation 266 (c). <br> Sixth Schedule, Regulation 266 (e). <br> Sixth Schedule, Regulation 266 (f). <br> Sixth Schedule, Regulation 266 (g) (i). <br> Sixth Schedule, Regulation 266 (g) (ii). <br> Sixth Schedule, Regulation 266 (h) (i). Sixth Schedule, Regulation 266 (h) (ii). | weight <br> ten ounces per thousand cubic feet. <br> weight in ounces <br> thousand cubic feet . 60-mesh <br> one quarter of an inch <br> (wherever occurring). <br> sixty feet <br> 18 feet <br> 4 feet . . <br> two hundred feet per minute. <br> fifty feet per minute. . <br> one chain <br> one hundred yards <br> five hundred gallons of water per minute. <br> five hundred gallons per minute. <br> fifty thousand gallons four inches .. <br> three inches . . <br> two hundred yards .. <br> one hundred gallons per minute. <br> one hundred pounds per square inch. two inches <br> two hundred and fifty pounds per square inch. <br> one hundred feet <br> two and a half inch. . <br> three hundred feet .. <br> one inch (where firstly occurring). <br> three-quarter inch or one inch. <br> one hundred feet seventy-five feet <br> six hundred feet two and a half, or one and a half inches. 500 pounds per square inch. <br> one hundred feet three-quarters of an inch or one inch. one hundred feet eight inches .. <br> three-eighth inch, halfinch, five-eighths inch or three-quarter inch. |  | 310 B 311 312 313 313 A 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 346 343 342 341 332 333 334 335 336 337 338 3 |

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1912, No. 37continued | Coal Mines Regulation Act, 1912-continued | SeventhSchedule, Regulation 60. | 150 feet .. | 50 metres | 382 |
|  |  |  | 200 feet | 65 metres | 383 |
|  |  |  | 18 feet | 5 metres | 384 |
|  |  |  | 7 feet | 2.5 metres | 385 |
|  |  | SeventhSchedule, Regulation 71 . | one hundred yards (wherever occurring). | 100 metres | 386 |
|  |  | SeventhSchedule, Regulation 83. | 10 b.h.p. (wherever occurring). | 10 kilowatts | 387 |
|  |  | SeventhSchedule, Regulation 84 (b). | one chain .. .. | 20 metres .. | 388 |
|  |  | Seventh Schedule, Regulation 86 (b). | four feet | 1.25 metres | 389 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (i). | one and a half inches | 40 millimetres | 390 |
|  |  |  | three inches . . | 75 millimetres | 391 |
|  |  |  | fifteen inches.. | 400 millimetres | 392 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (ii). | four inches . . | 100 millimetres | 393 |
|  |  |  | twenty-four inches | 600 millimetres | 394 |
|  |  |  | fifteen inches.. | 400 millimetres | 395 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (iii). | twelve inches. . | 300 millimetres | 396 |
|  |  |  | four feet | 1.25 metres .. | 397 |
|  |  |  | twenty-four inches .. | 600 millimetres | 398 |
|  |  | SeventhSchedule, Regulation 86 (c) (1) (iv). | thirty inches .. .. | 750 millimetres | 399 |
|  |  |  | four feet | 1.25 metres | 400 |
|  |  | SeventhSchedule, Regulation 86 (c) (1). | four feet (where thirdly | 1.25 metres .. | 401 |
|  |  |  | six feet .. .. | 2 metres | 402 |
|  |  |  | seven feet .. . . | 2 metres .. | 403 |
|  |  |  | twelve inches (where secondly, thirdly, fourthly and fifthly occurring). | 300 millimetres | 404 |
|  |  |  | twenty-four inches (where thirdly occurring). | 600 millimetres | 405 |
|  |  | SeventhSchedule, Regulation 86 (c) (2). | thirty inches .. .. | 750 millimetres | 406 |
|  |  |  | eighteen inches | 450 millimetres | 407 |
|  |  |  | 6 feet ... | 2 metres .. | 408 |
|  |  | SeventhSchedule, Re $_{b}$ ulation 86 (d). | even feet .. .. | 2 metres .. . | 409 |
|  |  | SeventhSchedule, Regulation 91 (ii). | $\frac{3}{4}$ of an inch wide by No. 18 gauge. $0 \cdot 15$ square inch | 20 millimetres by 1.25 | 410 |
|  |  | SeventhSchedule, Regulation 91 (iii). |  | 100 square millimetres | 411 |
|  |  | SeventhSchedule, Regulation 91. | 0.0045 square inch $(71.029$ in. $)$. | 3 square millimetres | 412 |
|  |  | SeventhSchedule, Regulation 98 (17). | 7 feet . . . . . | 2 metres | 413 |
|  |  | SeventhSchedule, Reg- | 200 feet | 60 metres | 414 |
|  |  | SeventhSchedule, Reg- |  |  |  |
|  |  |  | three-pint .. .. | $0 \cdot 5$ litre | 415 |
|  |  | Eighth Schedule, Reg- | ten chains | 200 metres | 416 |
|  |  |  | five chains .. .. | 100 metres | 417 |
|  |  | Eighth Schedule, Reg- | two chains to the inch | 1:2000 | 418 |
|  |  | Eighth Schedule, Reg- | two chains (wherever | 40 metres . | 419 |
|  |  | Eighth Schedule, Regulation 52. | occurring). | 3 millimetres. . | 420 |
|  |  |  | one-quarter of an inch | 6 millimetres . . | 420 |

## Metric Conversion.

## Schedule-continued.



Act No. 51, 1974.

## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1912, No. 70 | State Coal Mines Act, 1912. | First Schedule .. | $\begin{aligned} & 9595 \text { acres } \\ & 22 \text { chains } 89 \cdot 1 \text { links. } \\ & 85 \text { chains } 84 \text { links } \end{aligned}$ | 3883 hectares 460.49 metres 1726.83 metres | 458 459 460 |
|  |  | Second Schedule, paragraph 7. | $800 \text { tons }$ | $810 \text { tonnes .. }$ | 461 |
|  |  |  | 2,000 tons (wherever occurring). | 2030 tonnes .. | 462 |
|  |  | Second Schedule, paragraph 8 (b). | ton .. .. .. | tonne . . | 463 |
|  |  | Second Schedule, paragraph 8 (c). | ton .. | tonne . . | 464 |
|  |  | Second Schedule, paragraph 9 (a). | tonnage | mass . | 465 |
| 1912, No. 73 | $\begin{aligned} & \text { Irrigation Act, } \\ & \text { 1912. } \end{aligned}$ | Section 3 (the definition of "Water right'"). | such a quantity annually of water twelve inches deep as would cover an area of one acre. | a quantity of 1 megalitre of water annually. | 466 |
|  |  |  |  |  |  |
|  |  | Section 13A (1) .. |  |  | 467 |
|  |  | Section 13A (3) $\quad \cdots$ | acre foot $\quad . \quad \begin{array}{lll}\text { acre }\end{array}$ | megalitre | 468 |
|  |  | Section 14 (1) (a) $\quad . \cdot$ | two hundred and fifty | 220 metres | 469 |
|  |  | Section 191 Section 26 (i) (w) (ii) | ten acres | 4 hectares hectare | 470 471 |
| 1913, No. 7 | $\begin{aligned} & \text { Crown Lands } \\ & \text { Consolidation } \\ & \text { Act, } 1913 . \end{aligned}$ | Section 34 | one mile $\quad$. | 1500 metres .. | 472 |
|  |  |  | one square mile .. |  | 473 |
|  |  | Section 49 (1) .. | sixty cents per acre .. | \$1.40 per hectare | 474 |
|  |  | $\begin{array}{lll}\text { Section } 49 \text { (2) } \\ \text { Section } 52 & \ldots \\ \end{array}$ | one dollar per acre .. | \$2.40 per hectare | 475 476 |
|  |  |  | one and two-thirds of a cent per acre. | 4 cents per hectare | 476 |
|  |  | $\begin{array}{\|ll\|} \hline \text { Section } 57 \text { (1) (e) } & \ldots \\ \text { Section } 59 \text { (1) } & \ldots \end{array}$ | two dollars per acre. <br> forty acres | \$4.94 per hectare | 477 478 |
|  |  |  | forty acres $\quad \therefore \quad . \ddot{\text { and }}$ | 160 hectares .. | 479 |
|  |  |  | twenty acres. |  |  |
|  |  |  | six hundred and forty | 320 hectares . . | 480 |
|  |  | Section 60 <br> Section 62 (2) | . forty acres .. | 16 hectares $\$ 39.50$ per hectare | 481 |
|  |  |  | sixteen dollars per |  | 482 |
|  |  |  | five dollars per acre.. | \$12.35 per hectare | 483 |
|  |  |  | five dollars (where | \$12.35 $\quad$. | 484 |
|  |  | Section 62 (4) .. | secondly occurring). one acre | 1 hectare | 486 |
|  |  |  | one-quarter of an acre(wherever 1020 square metre |  | 487 |
|  |  |  | (wherever occurring). | 1 hectare | 488 |
|  |  |  | three miles .. .. | 4 kilometres . . . . | 489 |
|  |  | Section 63 (3) | one acre .. | 4050 square metres.. | 490 |
|  |  |  | $\begin{array}{ll}\text { acre } \\ \text { sixteen dollars } \\ \text { five dollars } & . . \\ \text { ar }\end{array}$ | hectare .. | 491 |
|  |  |  |  | \$40 .. .. | 492 |
|  |  |  |  | \$13 .. .. | 493 |
|  |  | Section 66 (2) | one dollar fifty cents.. | \$4 ... . . | 494 |
|  |  |  |  | 3 4050 40 square metres . . | 496 |
|  |  | Section 78 .. | ten thousand two hundred and forty acres.$\qquad$ | 4000 hectares ... | 497 |
|  |  | Section 80 (1) (a) |  | 10 hectares .. | 498 |

## Metric Conversion.

SChedule-continued.
Column 1.
Column 2.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1924, No. 31 | Prickly-pear Act, 1924. | Section 14 (1) (d) .. | ten feet .. | 3 metres ... | 569 |
|  |  | Section 15 (6) (a) $\quad . \cdot$ | $\begin{array}{ll}\text { ten cents per acre } \\ \text { ten cents per acre } & .\end{array}$ | 25 cents per hectare. . | 570 571 |
|  |  | Section 16 (2) ${ }^{\text {S }}$ (b) $\quad \cdots$ | $\begin{array}{lll}\text { ten ents per acre } & . & \\ \text { two acres } & \cdots & . .\end{array}$ | 1 hectare .. .. | 572 |
|  |  |  | five thousand acres .. | 2050 hectares | 573 |
|  |  | Section 20 (6) | acre | hectare | 574 |
| 1925, No. 3 | $\begin{gathered} \text { Mines Rescue } \\ \text { Act, } 1925 . \end{gathered}$ | Section 9 (1).. | one hundred and forty-four square feet. seventy degrees Fahrenheit. | 13 square metres | 575 |
|  |  |  |  | $21^{\circ}$ Celsius. .. .. | 576 |
| 1930, No. 20 | Optometrists Act, 1930. | Section 35 (2) (a) <br> Section 35 (2A) (a) <br> Section 35 (2B) (a) | five miles | 8 kilometres .. | 577 |
|  |  |  | $\begin{array}{lll}\text { five miles } & . . & . . \\ \text { five miles } & . . & \end{array}$ | 8 kilometres .. 8 kilometres .. | 578 579 |
| 1930, No. 37 .. | $\begin{aligned} & \text { Reclamation Act, } \\ & 1930 . \end{aligned}$ | Section 25 (1) | one hundred feet | $30 \cdot 5$ metres .. .. | 580 |
| 1931, No. 56 .. | Finance (Grey-hound-racing Taxation) Act, 1931. | Section 4 (1).. .. | forty miles (wherever | 64 kilometres | 581 |
|  |  | Section 5 (1) .. .. | dorty miles . .. .. | 64 kilometres | 582 |
|  |  | Section 5 (2)... .. | forty miles .. .. | 64 kilometres | 583 |
| 1934, No. 59 .. | Charitable Col-- <br> lections Act, <br> 1934.  | Section 10 (3) .. | ten miles .. .. | 16 kilometres | 584 |
| 1935, No. 42 .. | Gas and Electricity Act, 1935. | Section 10 (1) | gas unit (wherever occurring). | megajoule .. .. | 585 |
|  |  |  | five one-thousandths | ten ten-thousandths | 586 |
|  |  |  | gas units (wherever | megajoules .. .. | 587 |
|  |  | Section 26 .. .. | gas units | megajoules .. .. | 588 |
|  |  | Section 28 (1) | twenty-five yards .. | twenty metres .. | 589 |
|  |  | Section 28 (3) | thirty feet .. .. | ten metres . | 590 |
| 1937, No. 31 | Racing Taxation Act, 1937. | Section 5 (3).. $\ldots$ <br> Section 5 (4).. $\ldots$ <br> Section 5 (5) $\cdots$ $\ldots$ <br> Section 5 (6) .. $\ldots$ |  | sixty-four kilometres sixty-four kilometres sixty-four kilometres sixty-four kilometres | 591592593594 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 1938, No. 10 .. | Soil Conservation Act, 1938. | Section 21c (3) (a) ..Section 21c (3) (b) .. | three trees on any area of one acre. <br> five acres | seven trees on any area of one hectare. 2 hectares | 595 |
|  |  |  |  |  | 596 |

Schedule

## Metric Conversion.

Schedule-continued.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{Column 1.} \& \multicolumn{4}{|c|}{Column 2.} \\
\hline Year and number of Act. \& Short title of Act. \& Provision of Act. \& Matter to be omitted. \& Matter to be inserted. \& Item No. \\
\hline 1941, No. 28 \& \[
\begin{aligned}
\& \text { Auctioneers and } \\
\& \text { Agents Act, } \\
\& \text { 1941. }
\end{aligned}
\] \& \begin{tabular}{l}
Section 3 (1) (the definition of "Real estate agent'"). \\
Section 22 (5) \\
Section 23 (12)
\end{tabular} \& \begin{tabular}{l}
five acres \\
ten miles \\
ten miles
\end{tabular} \& \[
\begin{array}{ll}
2.5 \text { hectares . . } \& \text {.. } \\
\& \\
16 \text { kilometres } \& \text {.. } \\
16 \text { kilometres } \& \text {.. }
\end{array}
\] \& \[
597
\]
\[
\begin{array}{r}
598 \\
599
\end{array}
\] \\
\hline 1941, No. 54 .. \& Irrigation (Amendment) Act, 1941. \& Section 5 (2).. .. \& sixteen dollars per acre \& \$39.50 per hectare . . \& 600 \\
\hline 1941, No. 67 . . \& Money-lenders and Infants Loans Act, 1941. \& Section 5 (1).. .. \& twenty miles .. .. \& 32 kilometres . . \& 106 \\
\hline 1948, No. 20 . . \& Rivers and Foreshores Improvement Act, 1948. \& \begin{tabular}{l}
Section 23 \\
Section 23A (i) (a) \\
Section 23A (1) (b)
\end{tabular} \& \begin{tabular}{l}
one nautical league \\
tr o chains \\
10 chains
\end{tabular} \& three nautical miles. 40 metres 40 metres \& \[
\begin{aligned}
\& 602 \\
\& 603 \\
\& 604
\end{aligned}
\] \\
\hline 1949, No. 31 . . \& Bush Fires Act, 1949. \& \begin{tabular}{l}
Section 10 (6) \\
Section 12 (3) (a) \\
Section 13 (5) \\
Section 14 (2) \\
Section 15 (1) \\
Section 15 (4) \\
Section 15 (5) \\
Section 51 (1) \\
Section 51 (1A) \\
Section 51 (1B) \\
Section 51 (1c)
\end{tabular} \& five miles fifty feet five miles five miles twenty feet twenty chains sixty-six feet . five miles five miles five miles five miles \& \[
\begin{array}{|l|l}
8 \& 8 \text { kilometres } \\
15 \text { metres } \& . \\
8 \& \text { kilometres } \\
8 \& \text { kilometres }
\end{array} .
\] \& 605
606
607
608
609
610
611
612
613
614
615 \\
\hline 1950, No. 34. \& Hunter Valley Conservation Trust Act, 1950. \& \[
\begin{array}{|ll|}
\hline \text { Section 36 (1) } \& . . \\
\text { Schedule, Part 1 } \& . \\
\text { Schedule, Part } 2 \& . . \\
\hline
\end{array}
\] \& \begin{tabular}{lll} 
fifty acres \&. \&.. \\
52 chains \&. \&.. \\
4 acres \&. \&.. \\
52 chains \&.. \&..
\end{tabular} \& \[
\left\lvert\, \begin{array}{ll}
20 \text { hectares } . . \& . \\
1046 \cdot 1 \text { metres } \& . \\
1.619 \text { hectares } \& . . \\
1046 \cdot 1 \text { metres } \& . .
\end{array}\right.
\] \& 616
617
618
619 \\
\hline 1955, No. 28 .. \& \[
\begin{aligned}
\& \text { Petroleum Act, } \\
\& 1955 .
\end{aligned}
\] \& \begin{tabular}{l}
Section 10 (2) (a) (i).. \\
Section 10 (2) (a) (iii) \\
Section 17 (a) \\
Section 17 (b) \\
Section 19 \\
Section 29 (a) \\
Section 29 (b) \\
Section 31 \\
Section 49 (a) \\
Section 49 (b) \\
Section 61 (2) (a)
\end{tabular} \& \begin{tabular}{l}
twenty cents for each square mile or part of a square mile. \\
twenty dollars for each square mile or part of a square mile. \\
five thousand square miles. \\
twenty-five square miles. \\
twenty cents per annum for each square mile or part of a square mile. twenty-five \\
square miles. \\
four square miles twenty dollars per annum for each square mile or part of a square mile. \\
fifty yards two hundred yards ... three hundred and thirty feet.
\end{tabular} \& \begin{tabular}{l}
8 cents per square kilometre or part of a square kilometre. \(\$ 8\) per square kilometre or part of a square kilometre. \\
10000 square kilometres. \\
50 square kilometres \\
8 cents per annum per square kilometre or part of a square kilometre. 50 square kilometres \\
10 square kilometres \$8 per annum for each square kilometre or part of a square kilometre. 50 metres 200 metres 100 metres
\end{tabular} \& 620
621
622
623
624

625
626
627

628
629
630 <br>
\hline
\end{tabular}

Act No. 51, 1974.

## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1956, No. 10 .. | $\begin{array}{cr} \text { Hunter } & \begin{array}{r} \text { Valley } \\ \text { Flood } \\ \text { tion Act, } \\ \text { Mitiga- } \end{array} \\ \hline 1956 . \end{array}$ | Section 9 (3) (d) .. | two chains .. | 40 metres | 631 |
| 1957, No. 29 .. | Credit-sale Agreements Act, 1957. | Section 9 (1).. | five miles | 8 kilometres . . . . | 632 |
| 1960, No. 33 .. | Hire-Purchase Act, 1960. | Sectic ${ }^{\text {a }} 5$ (2) (b) (i).. | five miles | 8 kilometres. | 633 |
| 1964, No. 1 .. | Totalizator (Offcourse Betting) Act, 1964. | Section 17 (1A) (a) .. | forty miles .. .. | 64 kilometres | 634 |
| 1964, No. 27 . . | Sydney Exchange Company Limited Act, 1964. | Second Schedule | 2,400 square feet .. | 222.96 square metres | 635 |
| 1964, No. 48 . . | $\begin{aligned} & \text { Pharmacy Act, } \\ & 1964 . \end{aligned}$ | Section 25 (2) <br> Section 26 (3) | $\begin{array}{lll} \text { ten miles } \\ \text { ten miles } \end{array} \quad . .$ | 16 kilometres <br> 16 kilometres | $\begin{aligned} & 636 \\ & 637 \end{aligned}$ |
| 1966, No. 31 . . | Poisons Act, 1966 | Section 10 (1) (a) | four miles .. .. | $6 \cdot 5$ kilometres | 638 |
| 1967, No. 90 . . | $\begin{aligned} & \text { Pipelines Act, } \\ & 1967 . \end{aligned}$ | Section 5 (7).. <br> Section 5 (8). <br> Section 37 (1) | five miles five miles twenty dollars in respect of each mile or portion of a mile. | ten kilometres ten kilometres $\$ 12.50$ in respect of each kilometre or portion of a kilometre. | $\begin{aligned} & 639 \\ & 640 \\ & 641 \end{aligned}$ |

## BY AUTHORITY

D. WEST, GOVERNMENT PRINTER, NEW SOUTH WALES-1974

I certify that this Public Bill, which originated in the Legislative Assembly, has finally passed the Legislative Council and the Legislative Assembly of New South Wales.

R. E. WARD, Clerk of the Legislative Assembly.<br>Legislative Assembly Chamber, Sydney, 4 April, 1974.

32ew South $\mathfrak{C l a l e s}$


ANNO VICESIMO TERTIO ELIZABETHIE II REGINE

Act No. 51, 1974.
An Act to facilitate the adoption of the metric system of measurement; to amend references to physical quantities in certain Acts; and for purposes connected therewith. [Assented to, 6th May, 1974.]

## Metric Conversion.

$\mathrm{B}^{\mathrm{E}}$E it enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Legislative Council and Legislative Assembly of New South Wales in Parliament assembled, and by the authority of the same, as follows:-

Short title.

Purpose of Act.

1. This Act may be cited as the "Metric Conversion Act, 1974".
2. The provisions of this Act, other than the provisions of -
(a) section 5 , in so far as the provisions of that section effect the amendments specified by Items 441 and 466;
(b) Items 441 and 466; and
(c) sections 11 and 12 ,
are for the purpose of metric conversion.

Interpretation.
3. In this Act or in an instrument made for the purposes of this Act, a reference to an Item or Item number, however expressed, is a reference to a number in the column headed "Item No." in Column 2 of the Schedule and the provision of the Schedule set forth opposite that number.

Commencement.
4. (1) This section and sections 1,2 and 3 shall commence on the date of assent to this Act.
(2) Except as provided in subsection (1)-
(a) the provisions of this Act, other than the provisions referred to in paragraphs (b) and (c), shall commence on such day or days as may be appointed by the Governor in respect thereof and as may be notified by proclamation published in the Gazette;

Act No. 51, 1974.

## Metric Conversion.

(b) the provisions of section 5 , in so far as they effect an amendment specified by an Item in the Schedule, and of that Item, shall commence on such day as may be appointed by the Governor in respect of that Item, whether by reference to that Item or otherwise, and as may be notified by proclamation published in the Gazette; and
(c) the provisions of-
(i) section 10 ; and
(ii) notwithstanding paragraph (b), the provisions of section 5 to the extent to which they effect the amendments specified by Items 585 to 590, and of those Items,
shall be deemed to have commenced on 1st January, 1974.
5. Each Act specified in Column 1 of the Schedule is Amendment amended in the provision of that Act specified opposite of Acts. thereto in the column headed "Provision of Act" in Column 2 of the Schedule-
(a) by omitting from that provision the matter specified opposite that provision in the column headed "Matter to be omitted" in Column 2 of the Schedule, other than such matter, if any, as appears in brackets and is printed in italics; and
(b) by inserting instead the matter specified opposite that provision in the column headed "Matter to be inserted" in Column 2 of the Schedule.

## Metric Conversion.

Further amendment of Act No. 75, 1901.

Sec. 55.
(General rules.)
6. The Mines Inspection Act, 1901, is further amended-
(a) by omitting Table B in section 55 (56) (q) (xiv) (2) and by inserting instead the following table :-

Table B.

| Column 1 | Column 2 |
| :---: | :---: |
| Overall Length of Pole | Depth of Pole in Earth |
|  |  |
| metres | 1.4 metres |
|  | 1.5 metres |
| 11 metres | 1.7 metres |
| 12 metres | 1.8 metres |
| 14 metres | 2.0 metres |
| 15 metres | 2.1 metres |
| 17 metres | 2.3 metres |
| 20 metres | 2.3 metres |
| 21 metres | 2.4 metres |
|  | 2.6 metres |

(b) by omitting Table E in section 55 (56) (q) (xxvi)
(1) and by inserting instead the following table :

Table E.

| Column 1 | Column 2 | Column 3 | Column 4 |
| :---: | :---: | :---: | :---: |
|  | Height above Ground or Distance from Ground in any Direction |  |  |
| Voltage | Over the carriageway of roads | Over land other than the carriageway of roads | Over lands which cannot be traversed by vehicular traffic |
| Not exceeding 650 volts | 6 metres | 6 metres | 5 metres |
| Exceeding 650 volts but not exceeding 33 kilovolts .. | 7 metres | 7 metres | 5 metres |
| Exceeding 33 kilovolts but not exceeding 132 kilovolts | 7 metres | 7 metres | 6 metres |
| Exceeding 132 kilovolts | 8 metres | 8 metres | 7 metres |

## Metric Conversion.

(c) by omitting Table F in section 55 (56) (q) (xxvii) and by inserting instead the following table :-

Table F.


Metric Conversion.
(d) by omitting from section 55 (56) (q) (xxviii) (2) the matter in the columns headed "Higher Voltage." and "Clearance to next Circuit." and the headings to those columns and by inserting instead the following matter and headings :-

## Higher Voltage. <br> Clearance to next Circuit.

Above 650 volts but not exceeding 33 kilovolts .. .. 1.5 metres

Above 33 kilovolts but not exceeding 66 kilovolts .. 2 metres

Above 66 kilovolts but not exceeding 132 kilovolts .. 2.5 metres
(e) by omitting from section 55 (56) (q) (xxix) (b) the matter in the columns headed "Higher Voltage of either Circuit" and "Clearance" and the headings to those columns and by inserting instead the following matter and headings :-

Higher Voltage of either Circuit. Clearance.
Not exceeding 650 volts .. .. 1.5 metres
Not exceeding 33 kilovolts .. 2 metres
Not exceeding 66 kilovolts .. 2.5 metres
Not exceeding 132 kilovolts .. 4 metres
Exceeding 132 kilovolts .. .. 5 metres

Act No. 51, 1974.

## Metric Conversion.

7. The Coal Mines Regulation Act, 1912, is further Further amendedamendment of Act No. 37, 1912.
(a) by omitting Table A and Table B in Rule 1A (1) Sec. 54. of section 54 and by inserting instead the following $\begin{aligned} & \text { (Gules.) }\end{aligned}$ tables :-

TABLE A.
Showing "still air effective temperatures" to the nearest tenth degree Celsius.

| Wet | Dry Bulb Temperatures in Deg. C. |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Temp. in Deg. C. | 29.4 | 28.9 | $28 \cdot 3$ | $27 \cdot 8$ | $27 \cdot 2$ | $26 \cdot 7$ | $26 \cdot 1$ | $25 \cdot 6$ | 25.0 | $24 \cdot 4$ | $23 \cdot 9$ |
| 29.4 | $29 \cdot 4$ |  |  |  |  |  |  |  |  |  |  |
| $28 \cdot 9$ | $29 \cdot 1$ | 28.9 |  |  |  |  |  |  |  |  |  |
| $28 \cdot 3$ | $28 \cdot 6$ | $28 \cdot 6$ | $28 \cdot 3$ |  |  |  |  |  |  |  |  |
| $27 \cdot 8$ | $28 \cdot 3$ | 28.0 | $28 \cdot 0$ | $27 \cdot 8$ |  |  |  |  |  |  |  |
| $27 \cdot 2$ | 28.0 | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 5$ | $27 \cdot 2$ |  |  |  |  |  |  |
| $26 \cdot 7$ | $27 \cdot 8$ | $27 \cdot 5$ | $27 \cdot 2$ | $26 \cdot 9$ | $26 \cdot 9$ | $26 \cdot 7$ |  |  |  |  |  |
| $26 \cdot 1$ | $27 \cdot 2$ | $26 \cdot 9$ | $26 \cdot 9$ | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 4$ | $26 \cdot 1$ |  |  |  |  |
| $25 \cdot 6$ | $26 \cdot 9$ | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 4$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ |  |  |  |
| $25 \cdot 0$ | $26 \cdot 7$ | $26 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 5$ | 25.5 | $25 \cdot 3$ | 25.0 |  |  |
| $24 \cdot 4$ | $26 \cdot 1$ | $26 \cdot 1$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | 25.0 | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ |  |
| $23 \cdot 9$ | $25 \cdot 8$ | $25 \cdot 8$ | $25 \cdot 6$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ |
| $23 \cdot 3$ | $25 \cdot 5$ | $25 \cdot 3$ | $25 \cdot 3$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 9$ | $23 \cdot 6$ |
| $22 \cdot 8$ | $25 \cdot 3$ | $25 \cdot 0$ | 25.0 | 24.7 | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 6$ | $23 \cdot 3$ |
| $22 \cdot 2$ | $25 \cdot 0$ | $24 \cdot 7$ | $24 \cdot 7$ | $24 \cdot 4$ | $24 \cdot 1$ | 23.9 | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | 23.0 | $22 \cdot 8$ |
| 21.7 | $24 \cdot 7$ | 24.4 | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | $23 \cdot 0$ | $22 \cdot 8$ | $22 \cdot 5$ |
| $21 \cdot 1$ | $24 \cdot 4$ | $24 \cdot 1$ | $24 \cdot 1$ | $23 \cdot 9$ | $23 \cdot 6$ | $23 \cdot 3$ | $23 \cdot 3$ | $23 \cdot 0$ | $22 \cdot 8$ | $22 \cdot 5$ | $22 \cdot 2$ |

TABLE B.
Correction to be applied to "still air effective temperature" obtained from Table A to allow for air movement.

| Air Movement in Metres per Second |  | Correction to be <br> Subtracted in Deg. C. |
| :---: | :---: | :---: |
|  | to- |  |
| 0 | 0.0457 | 0 |
| 0.0508 | 0.1321 | 0.28 |
| 0.1372 | 0.2134 | 0.55 |
| 0.2184 | 0.2997 | 0.83 |
| 0.3048 | 0.3962 | 1.10 |
| 0.4013 | 0.5080 | 1.38 |
| 0.5131 | 0.6401 | 1.65 |
| 0.6452 | 0.7823 | 1.93 |
| 0.7874 | 0.9500 | 2.20 |
| 0.9550 | 1.1227 | 2.48 |
| 1.1278 | 1.3005 | 2.75 |
| 1.3056 | 1.4833 | 3.04 |

(b) by omitting the definition of Sieves in the Introduction to the Sixth Schedule and by inserting instead the following definition $\qquad$
Sieves

Metric Conversion.
Sieves designated of nominal aperture size 63 micrometres and 250 micrometres means wire woven test sieves (grade B) manufactured in accordance with Australian Standard 1152-1973 (as amended to 1st April, 1974) ;
(c) by omitting Appendix I, Appendix II and Appendix III to the Seventh Schedule and by inserting instead the following appendices:-

## APPENDIX I.

CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE I.-RUBBER INSULATED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| Number and Diameter (millimetres) of Wires comprising Conductor.* <br> (1) | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Two Single-core Cables. <br> (3) | One Twin Cable or Four Singlecore Cables. <br> (4) | One Three or Four-core or Six Single-core Cables. <br> (5) |
|  | $\mathrm{mm}^{2}$ | A | A | A |
| 1/1-12 | 1.0 | $6 \cdot 1$ | $4 \cdot 9$ | $4 \cdot 3$ |
| 3/0.74 | 1.3 | $7 \cdot 8$ | $6 \cdot 4$ | $5 \cdot 5$ |
| 3/0.91 | 1.9 | $12 \cdot 0$ | 9.6 | $8 \cdot 3$ |
| 1/1.63 | 1.9 | $12 \cdot 9$ | $10 \cdot 3$ | $9 \cdot 1$ |
| 7/0.74 | $2 \cdot 9$ | 18.2 | $14 \cdot 6$ | $12 \cdot 6$ |
| 7/0.91 | $4 \cdot 5$ | 24 | $19 \cdot 2$ | $16 \cdot 5$ |
| $7 / 1 \cdot 12$ | $6 \cdot 5$ | 34 | 27 | 24 |
| 7/1.32 | $9 \cdot 5$ | 43 | 34 | 30 |
| 7/1.63 | $14 \cdot 5$ | 55 | 44 | 39 |
| 19/1-12 | $19 \cdot 5$ | 65 | 52 | 46 |
| 19/1.32 | 26 | 78 | 63 | 55 |
| 19/1.63 | 39 | 105 | 84 | 74 |
| 19/1.83 | 48 | 123 | 98 | 86 |
| 19/2.11 | 65 | 152 | 122 | 106 |
| 37/1.63 | 77 | 174 | 140 | 122 |
| 37/1-83 | 97 | 205 | 160 | 145 |
| 37/2-11 | 129 | 254 | 200 | 180 |
| 37/2.36 | 161 | 293 | 235 | 205 |
| 37/2.62 | 194 | 330 | 265 | 230 |
| 61/2.36 | 258 | 400 | 320 | 280 |
| 61/2.62 | 323 | 460 | 370 | 325 |
| 91/2.36 | 387 | 514 | 410 | 360 |
| $91 / 2 \cdot 62$ $127 / 2.36$ | 484 548 | 592 | , | .. |
| $127 / 2 \cdot 36$ $127 / 2 \cdot 62$ | 548 645 | 640 712 | $\cdots$ | $\ldots$ |

*The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.

Notes.

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Electrical Research Association Research Report FT/60.
(c) No rubber insulated cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the sur-
roundings in any part of the cable run does not exceed 26.7 degrees
Celsius. Where the temperature of the surroundings in any part of the
cable run exceeds 26.7 degrees Celsius the permissible current shall be
reduced in accordance with the following reduction factors:-

## Metric Conversion.

APPENDIX II.
CURRENT-CARRYING CAPACITY.
(Seventh Schedule-Regulation 53.)
TABLE II.-PAPER INSULATED AND LEAD COVERED CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Temperature of $76.7^{\circ}$ Celsius.

| Number and Diameter (millimetres) of wires comprising Conductor. | Nominal Area. | Current-carrying Capacity (Continuous). (Subject to Voltage-drop and Adjustments for Ambient Temperatures and Laying Conditions.) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Two Single-core Cables laid together. | One Concentric or Twin Cable, or Four Singlecore Cables. | One Three-phase Cable or Six Single-core Cables. |
| (1) | (2) | (3) | (4) | (5) |
|  | $\mathrm{mm}^{2}$ | A | A | A |
| 7/0.91 | $4 \cdot 5$ | 39 | 31 | 27 |
| 7/1-12 | $6 \cdot 5$ | 58 | 46 | 41 |
| 7/1-32 | $9 \cdot 5$ | 79 | 63 | 55 |
| 7/1.63 | $14 \cdot 5$ | 105 | 84 | 73 |
| 19/1-12 | $19 \cdot 5$ | 121 | 97 | 85 |
| 19/1-32 | 26 | 146 | 117 | 102 |
| 19/1.63 | 39 | 190 | 152 | 133 |
| 19/1-83 | 48 | 217 | 173 | 152 |
| 19/2-11 | 65 | 264 | 211 | 185 |
| 37/1.63 | 77 | 292 | 234 | 204 |
| 37/1.83 | 97 | 340 | 272 | 238 |
| 37/2-11 | 129 | 410 | 328 | 287 |
| 37/2-36 | 161 | 470 | 376 | 329 |
| 37/2.62 | 194 | 535 | 428 | 374 |
| 61/2.36 | 258 | 650 | 520 | 455 |
| 61/2.62 | 323 | 740 | 592 | 518 |
| 91/2.36 | 387 | 830 |  | .. |
| 91/2.62 | 484 | 930 | $\cdots$ | . |
| 127/2.36 | 548 | 1,000 | . | - |
| 127/2.62 | 645 | 1,000 | . | . |

* The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.

Notes.

## Metric Conversion.

Notes.
(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on Tables 5 and 6 of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings, 10th Edition.
(c) In all cases the current of paper insulated and lead covered cables shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 76.7 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature of the surroundings in any part of the cable run exceeds 26.7 degrees Celsius, the permissible current shall be reduced in accordance with the following reduction factors:-


APPENDIX III.
(Seventh Schedule-Regulation 53.)
TABLE III.-FLEXIBLE CORDS AND CABLES.
(Standard Annealed Copper.)
Based on Ambient Temperature of $26.7^{\circ}$ Celsius and Maximum Permissible Conductor Temperature of $48.9^{\circ}$ Celsius.

| Cross Sectional Area. | Stranding. | Current Carrying Capacity. <br> (Subject to Voltage-drop and Adjustment for Ambient Temperature.) |  |
| :---: | :---: | :---: | :---: |
|  |  | Continuous. | Intermittent. |
| $\mathrm{mm}^{2}$ |  | A | A |
| 1-1...... | $40 / \cdot 193 \mathrm{~mm}$ | $7 \cdot 5$ | 7.5 |
| $1 \cdot 9$ | $70 / \cdot 193 \mathrm{~mm}$ | 10 | 10 |
| $3 \cdot 1$ | $110 / .193 \mathrm{~mm}$ | 15 | 15 |
| $4 \cdot 5$ | $162 / .193 \mathrm{~mm}$ | 20 | 20 |
| $6 \cdot 5$ | $97 / .305 \mathrm{~mm}$ | 25 | 35 |
| $9 \cdot 5$ | $60 / .457 \mathrm{~mm}$ | 30 | 42 |
| $14 \cdot 5$ | $91 / .457 \mathrm{~mm}$ | 37 | 51 |
| $19 \cdot 5$ | $117 / .457 \mathrm{~mm}$ | 42 | 59 |
| 26 | $163 / .457 \mathrm{~mm}$ | 51 | 71 |
| 39 | $248 / .457 \mathrm{~mm}$ | 61 | 92 |

Notes.

## Metric Conversion.

## Notes.

(a) The ratings specified in the table are to be regarded as maxima and higher ratings are not permitted for any reason whatsoever.
(b) The figures in the table are based on those of the Institute of Electrical Engineers Regulations for the Electrical Equipment of Buildings and of British Standard Specification No. 708 "Trailing Cables for Mining Purposes."
(c) No rubber insulated flexible cord or cable shall be installed in any situation where the ambient temperature exceeds 48.9 degrees Celsius, and in all cases the current to be carried shall be sufficiently reduced to limit the maximum operating temperature of the conductor to 48.9 degrees Celsius.
(d) The table refers to situations where the temperature of the surroundings in any part of the cable run does not exceed 26.7 degrees Celsius. Where the temperature exceeds 26.7 degrees Celsius the permissible current shall be reduced in accordance with the following reduction factors:-

$$
\begin{array}{cc}
\text { Initial Ambient } & \text { Amperes } \\
\text { Temperature } & \text { permissible to } \\
\text { Degrees Celsius. } & \text { be multiplied by }
\end{array}
$$

| 29.4 | ...................... | 0.928 |
| :---: | :---: | :---: |
| 32.2 |  | 0.852 |
| 35.0 |  | 0.770 |
| 37.8 |  | 0.681 |
| 40.6 |  | 0.580 |
| 43.3 |  | 0.466 |

Further amendment of Act No. 73, 1912.
Sec. 13A.
(Supply of water during hours of daylight.) Further amendment of Act No. 7, 1913.
Sec. 65.
(Rescission of reservation of water frontage.)
Sec. 66. (Miscellaneous special purchases.)
8. The Irrigation Act, 1912, is further amended by omitting section 13A (5).
9. The Crown Lands Consolidation Act, 1913, is further amended-
(a) by omitting from section 65 the words "per acre";
(b) by omitting from section 66 (1) the words "per acre".

## Metric Conversion.

10. (1) The Gas and Electricity Act, 1935, is further Further amended-

## amendment

 of Act No. 42, 1935.(a) (i) by omitting the definition of "British thermal Sec. 3. unit" in section 3;
(ii) by omitting the definition of "Gas unit" in section 3 and by inserting instead the following definition :-
"Heating value" or "heating power", in relation to a gas, means the number of megajoules per standard cubic metre;
(b) by omitting section 23 (3) and by inserting instead Sec. 23. the following subsection :-
(Heating power.)
(3) A gas company shall supply gas at a pressure of not less than 750 pascals nor greater than 1500 pascals between the hours of $5 \mathrm{a} . \mathrm{m}$. and 9 p.m. and not less than 500 pascals between the hours of $9 \mathrm{p} . \mathrm{m}$. and $5 \mathrm{a} . \mathrm{m}$.

Such pressure shall be measured at such points as may be prescribed.
(c) by omitting from section 33 the words "not Sec. 33. exceeding seven one hundred and twentieths of one (Charge for cent for each gas unit supplied". meter.)
(2) The repeal and re-enactment of section 23 (3) of the Gas and Electricity Act, 1935, effected by subsection (1) (b), do not repeal the regulations made for the purposes of that section of that Act.
11. On the day on which Item 441 commences, the Water Act, number of water rights (within the meaning of section 130 of $1912-$ transitional $^{1}$ the Water Act, 1912, immediately before the amendment of provision. that section by Item 441) which, immediately before that day, were attached to a holding within a district constituted under Part VI of the Water Act, 1912, shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number.

## Metric Conversion.

Irrigation 12. Notwithstanding the provisions of sections 7, 7A, 7B Act, 1912-
transitional and 7c of the Irrigation Act, 1912, on the day on which Item provision. 466 commences-
(a) the number of water rights (within the meaning of section 3 of the Irrigation Act, 1912, immediately before the amendment of that section by Item 466) which, immediately before that day, were attached to or were a fixed charge on holdings within irrigation areas constituted under that Act shall be increased in the ratio of five to four and any resultant fractions shall be rounded up to the next highest whole number; and
(b) the price of the water rights referred to in paragraph (a) shall be reduced in the ratio of four to five.

## Metric Conversion.

## SCHEDULE.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{Column 1.} \& \multicolumn{4}{|c|}{Column 2.} \\
\hline Year and number of Act. \& Short title of Act. \& Provision of Act. \& Matter to be omitted. \& Matter to be inserted. \& \[
\begin{aligned}
\& \text { Item } \\
\& \text { No. }
\end{aligned}
\] \\
\hline 54 Vic., No. 7. \& \[
\begin{aligned}
\& \text { Wentworth Irri- } \\
\& \text { gation Act. }
\end{aligned}
\] \& \begin{tabular}{l}
Section 23 \\
Section 31 (2) (a) (i)...
\end{tabular} \& \[
\begin{array}{lll}
\begin{array}{l}
\text { three miles } \\
\text { acre }
\end{array} \& . . \& . . \\
\hline
\end{array}
\] \& \begin{tabular}{l}
5 kilometres . \\
hectare
\end{tabular} \& \(\frac{1}{2}\) \\
\hline 1900, No. 34 .. \& \[
\begin{aligned}
\& \text { Witnesses Exam- } \\
\& \text { ination Act, } \\
\& 1900 .
\end{aligned}
\] \& Section 6(1).. \& two hundred miles (wherever occurring). \& 320 kilometres \& 3 \\
\hline 1901, No. 9 .. \& \[
\begin{aligned}
\& \text { Anatomy Act, } \\
\& \text { 1901. }
\end{aligned}
\] \& Section 12 (1) (a) \& ten miles \& 16 kilometres \& 4 \\
\hline 1901, No. 11 .. \& \[
\underset{\text { Act, 1901. }}{\text { Pubtes }}
\] \& Section 4 (3).. \& three inches \& 75 millimetres \& 5 \\
\hline \multirow[t]{5}{*}{1901, No. 70 ..} \& \multirow[t]{5}{*}{Western Lands Act, 1901.} \& \begin{tabular}{l}
Section 17 (7) \\
Section 17A..
\end{tabular} \& \begin{tabular}{lll} 
acre \\
two hundred \&. \& acres \\
one mile \&.. \\
\hline
\end{tabular} \& \(\begin{array}{lll}\text { hectare } \\ 80 \text { hectares } \\ 1610 \text { metres }\end{array} .\). \& 6
7
8 \\
\hline \& \& Section 28B (4)
Section 31(5) \& acre \({ }_{\text {two }}\) \& \(\begin{array}{lll}\text { hectare } \\ 909 \& \text { litres } \& . . \\ \end{array}\) \& 9 \\
\hline \& \& Section 41 (2) \(\quad \therefore\) \& ten chains .. .. \& 201 metres \(\quad .\). \& 11 \\
\hline \& \& Section 44 (1)
Schedule G \& \& \({ }^{\text {hectare }}\) 248.05 metres \(\quad\). \& 12 \\
\hline \& \& Schedule G
Schedule H \& \(\begin{array}{ll}111 \text { chains } \& 75 \\ \text { acres links. }\end{array}\) \& \(\begin{array}{ll}2248.05 \\ \text { hectares } \& . . \\ \end{array}\) \& 13 \\
\hline \multirow[t]{26}{*}{1901, No. 75 ..} \& \multirow[t]{26}{*}{Mines Inspection Act, 1901.} \& Section 12 (3) (b) \& \multirow[t]{2}{*}{five horse power wenty horse power. en horse power} \& \[
\begin{aligned}
\& 5 \text { kilowatts } . . \\
\& 200 \text { kilowatts } . . \\
\& 10 \text { kilowatts } .
\end{aligned}
\] \& 15
16
17 \\
\hline \& \& Section 41 (1) .. \& \& 1:1250 .. \& 18 \\
\hline \& \& \multirow[t]{4}{*}{\begin{tabular}{l}
Section 42B (1) \\
Section 45 (5) \\
Section 50 (2) \\
Section 55 (1) (c) \\
Section 55 (1) (d)
\end{tabular}} \& \multirow[t]{2}{*}{} \& 15 metres \& \\
\hline \& \& \& \& 50 metres .. \& 20 \\
\hline \& \& \& two miles \& 4 kilometres .. \& 21 \\
\hline \& \& \& \multirow[t]{2}{*}{eighty degrees Fahrenheit.} \& \(27^{\circ}\) Celsius \(\quad .\). \& 23 \\
\hline \& \& \& \& \(26^{\circ}\) Celsius \& 24 \\
\hline \& \& \multirow[t]{2}{*}{Section 55 (2) (b) (ii)} \& seventy-eight degrees Fahrenheit. \& \& \\
\hline \& \& \& \multirow[t]{2}{*}{} \& 200 kilograms \& 25 \\
\hline \& \& \multirow[t]{2}{*}{Section 55 (2) (c) (i)..} \& \& 15 metres \& 27 \\
\hline \& \& \& four inches (wherever occurring). \& \& \\
\hline \& \& Section 55 (2) (c) (ii). . \& three feet (wherever occurring). \& 1 metre \& 28 \\
\hline \& \& Section 55 (2) (d) (v).. \& two inches (wherever occurring). \& 5 centimetres.. \& 29 \\
\hline \& \& \multirow[t]{2}{*}{Section 55 (2) (d) (vi) Section 55 (2) (d) (vii)} \& \& 15 metres .. \& 30 \\
\hline \& \& \& \multirow[t]{3}{*}{\begin{tabular}{lll}
\begin{tabular}{ll} 
fifty feet \&. \\
fifty feet \&. \\
six feet
\end{tabular} \&.. \&..
\end{tabular}} \& 15 metres \(\quad \cdots \quad .\). \& 31 \\
\hline \& \& \multirow[t]{2}{*}{Section 55 (2) (d) (ix) Section 55 (2) (e) (i).} \& \& 15 metres \(\quad .\). \& 32 \\
\hline \& \& \& \& 2 metres
not more than

30 \& 33
34 <br>

\hline \& \& Section 55 (2) (e) (i). Section 55 (2) (f) (ii). . \& | six feet |
| :--- |
| not more than twelve, and not less than six | \& not more than 30 , and not less than 15 \& <br>


\hline \& \& \multirow[t]{3}{*}{| Section 55 (12) |
| :--- |
| Section 55 (14) |
| Section 55 (15) |} \& \multirow[t]{2}{*}{twenty yards

two hundred feet} \& centimetres. \& \multirow[t]{8}{*}{$$
\begin{aligned}
& 35 \\
& 36 \\
& 37 \\
& 38 \\
& 39 \\
& 40 \\
& 41 \\
& 42 \\
& 43
\end{aligned}
$$} <br>

\hline \& \& \& \& 60 metres $\quad .$. \& <br>
\hline \& \& \& thirty yards .. .. \& 30 metres .. \& <br>
\hline \& \& \multirow[t]{2}{*}{Section 55 (18)} \& twenty yards..
ten tons \& 20 metres .. .. \& <br>
\hline \& \& \& ten tons
one hundred yards . \& 100 metres .. \& <br>

\hline \& \& \multirow[t]{3}{*}{$$
\begin{array}{ll}
\text { Section } 55(19) & . \\
\text { Section } 55(23) & .
\end{array}
$$} \& three feet \& 1 metre \& <br>

\hline \& \& \& \multirow[t]{2}{*}{two hundred feet not less than two nor more than four feet.} \& \multirow[t]{2}{*}{not less than $\ddot{6} 0$ centimetres or more than 1.2 metres.} \& <br>
\hline \& \& \& \& \& <br>
\hline
\end{tabular}

## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

## Schedule-continued.



Schedule

Act No. 51, 1974.

## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | $\begin{aligned} & \text { Item } \\ & \text { No. } \end{aligned}$ |
| $\underset{\text { 1912, No. No. } 25-}{\text { continued }}$ | Gaming and Betting Act, 1912continued | Section 51 (3) (c) .. | forty milessixty-five miles | 64 kilometres 104 kilometres |  |
|  |  |  |  | 104 kilometres 64 kilometres | 163 |
|  |  | $\begin{aligned} & \text { Section } 51(3 \mathrm{~A}) \\ & \text { Section } 51(4)(\mathrm{b}) \end{aligned}$ | sixrysive miles forty miles forty miles | 64 kilometres | 164 |
|  |  | Section 51 (5) | forty miles ( w herever | 64 kilometres | 166 |
|  |  | Section 51 (5b) (b) .. | occurring). forty miles | 64 kilometres | 167 |
|  |  | $513$ $\begin{aligned} & (9 B) \\ & (5 B) \end{aligned}$ (c) | forty miles | 64 kilometres | 168 169 |
|  |  | Section 52 (3) .. | forty miles (wherever occurring). | 64 kilometres | 169 |
|  |  | Section 52 (4) | forty miles (wherever | 64 kilometres | 170 |
|  |  | Section 52A (4) (a) .. | lin $\begin{aligned} & \text { occurring. } \\ & \text { forty miles } \\ & \text { thity-five miles }\end{aligned}$ | 64 kilometres | 171 172 |
|  |  | Section 52A Section 52A (5) | thirty-five miles forty miles (wherever | 56 kilometres | 173 |
|  |  | Section 52A (5A) .. | occurring). thirty-five miles | 56 kilometres | 174 |
|  |  | Section 53 (1) $\quad .$. | forty miles .. | 64 kilometres | 175 |
|  |  | Section 53D (2) | forty miles forty miles | ${ }_{64}^{64}$ kilometres kilometres | 177 |
|  |  | Section 56 .. | forty miles .. .. |  |  |
| 1912, No. 31 | Jury Act, 1912 | Section 71 (3) | five miles | 8 kilometres .. | 178 |
| 1912, No. 37 | $\begin{aligned} & \text { Coal Mines Reg- } \\ & \begin{array}{c} \text { Reation } \\ \text { ulat2. } \end{array} \text { Act, } \end{aligned}$ | Section 3 (1) (the definition of "Dry and dusty place"). | five yards | 5 metres $\quad$. | $\begin{aligned} & 179 \\ & 180 \end{aligned}$ |
|  |  |  | ten ounces of combustible volatile matter per thousand cubic feet. | 300 grams of combustible volatile matter per 30 cubic metres. |  |
|  |  |  | ten chains . ${ }^{\text {a }}$. |  |  |
|  |  | Section 35 (1) (c) (1A) (c). | one-half of a mile .. | 1 kilometre .. .. | 182 |
|  |  | Section 35 (1) Section 35 (1) | five chains $\begin{aligned} & \text { two chains to the inch } \\ & \text { to }\end{aligned}$ |  |  |
|  |  | Section 35 (3) Section 36 (3A) (a) | two chains to the inch two chains to an inch | $1: 2000$   <br> $1: 2000$ .. . | 184 |
|  |  | Section 38 (5) | fifty yards ... . | $\begin{array}{lll}50 \text { metres } & \cdots & \cdots\end{array}$ | 186 |
|  |  | Section 38A (1) (b) .. | one chain | 20 metres . | 187 |
|  |  | Section 38AA (1) (c) Section 38A (1) (d) (ii) | one chain two chains | $\begin{array}{lll}20 \text { metres } \\ 40 \text { metres }\end{array} \quad \cdots \quad .$. | 188 |
|  |  | Section 388 (1) | ten chains | 200 metres | 190 |
|  |  | Section 388 (2) $\quad \therefore$ | ten chains $\because \cdots$ | 200 metres $\quad \cdots \quad \therefore$ | 191 |
|  |  | Section $39(1)$ Section 50 (1) (b) | two chains to the inch fifty yards | $\begin{array}{lll}1: 2000 & \cdots & \cdots \\ 50 \text { metres } & \cdots & \cdots\end{array}$ | 192 |
|  |  | Section 50 (1) (b) .. | fifty yards four feet wide and six | $\mathbf{3}$ metres wide and $\dot{2}$ | 194 |
|  |  | Section 50 (1) (c) .. | one hundred and fifty feet (wherever occurring). | 50 metres $\quad . . \quad .$. | 195 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  | 300 millimetres | 197 |
|  |  |  | five inches $\cdots$, . | 150 millimetres .. | 198 |
|  |  | Section 52 (2) .. | fifty yards (where | 50 metres <br> 3 metres | 199 |
|  |  |  | ten feet (where firstly |  | 200 |
|  |  |  | occurring). more than ten feet | more than 3 metres | 201 |
|  |  |  | and less than fifty yards. | and less than 50 metres. |  |
|  |  | Section 53bA (2) (a) (i) Section 53BA (2) (a) (ii) | two hundred feet ... | 60 metres ${ }^{60}$ metres but does | 202 |
|  |  |  | two hundred feet but does not exceed five hundred feet. | $\begin{array}{cc}\begin{array}{c}60 \text { metres but } \\ \text { not exceed } \\ \text { metres. }\end{array} & 150 \\ & \end{array}$ |  |

Schedule

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.


## Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item |
| $\begin{aligned} & \text { 1912, No. }{ }_{\text {continued }}{ }^{37-} \end{aligned}$ | Coal Mines Regulation Act, 1912-continued | Section 56A (1) (a) <br> Section 56A (1) (b) .. | two feet ten miles an hour three miles an hour one hundred yards two feet (wherever occurring). three miles an hour two feet (where firstly occurring). <br> two feet six inches two feet twenty yards. | 600 millimetres 16 kilometres an hour 5 kilometres an hour 100 metres 600 millimetres | $\begin{aligned} & 278 \\ & 279 \\ & 280 \\ & 281 \\ & 282 \end{aligned}$ |
|  |  | Section 56A (2) (a) Section 56A (3) |  | 5 kilometres an hour 600 millimetres . . | 283 |
|  |  | Section 56A (3A) Fifth Schedule, Regulation 1 (the definition place"). |  | 750 millimetres 600 millimetres 20 metres | $\begin{aligned} & 285 \\ & 286 \\ & 287 \end{aligned}$ |
|  |  | Fifth Schedule, Reg- |  | $100 \text { metres } . . . \quad . .$ | $\begin{array}{\|l\|} 288 \\ 289 \end{array}$ |
|  |  | Fifth Schedule, Regulation 2. <br> Fifth Schedule, Reg- | one-eighth of an inch six inches .. .. | 150 millimetres | 289 290 |
|  |  | Fifth Schedule, Reg- | 5 pounds. | 2.5 kilograms | 291 |
|  |  | Fifth Schedule, Regulation 6 (a1). | 200 pounds .. | 100 kilograms | 292 |
|  |  | Fifth Schedule, Reg- | 5 pounds | 2.5 kilograms | 293 |
|  |  | Fifth Schedule, Reg- | ten yards | 10 metres | 294 |
|  |  | Fifth Schedule, Reg- | twelve inches.. | 300 millimetres | 295 |
|  |  | Fifth Schedule, Reg- | 20 yards | 20 metres . | 296 |
|  |  | Sixth Schedule, Reg- | thirty (30) feet | 10 metres | 297 |
|  |  | ulation 69. <br> Sixth Schedule, Reg- | two (2) feet .. | 1 metre | 298 |
|  |  | Sixth ${ }_{\text {ulion }} 143$. ${ }^{\text {Schedule, }}$ | 60-mesh | 250 micrometre | 298A |
|  |  | 156 (i). | weight (wherever | mass .. . | 298B |
|  |  |  | occurring). 240 -mesh two | 63 micrometre | 298C |
|  |  | Sixth Schedule, Regulation 157 (1). | two thousand feet (wherever occurring). five hundred feet | $\begin{array}{ll} 600 \text { metres } & . \\ 150 \text { metres } & . \end{array}$ | 299 300 |
|  |  | Sixth Schedule, Reg- | four square inches .. | $100 \mathrm{~mm} \times 100 \mathrm{~mm}$ | 301 |
|  |  |  | fifty feet .. .. | 15 metres | 302 |
|  |  | Sixth Schedule, Regulation 157 (2) (b) | 2,000 feet .. .. | 600 metres .. | 303 |
|  |  |  |  |  |  |
|  |  |  | two feet $\quad .$. | $600 \mathrm{mmillimetres} \times$. | 305 |
|  |  |  | four feet $\quad .$. | 1 metre .. | 306 |
|  |  |  | fifty feet .. | 15 metres . ${ }^{\text {a }}$ |  |
|  |  | $\begin{array}{\|cc\|} \hline \text { Sixth } & \text { Schedule, } \\ \text { Regulation } & 157 \\ \text { (e) } \end{array}$ | 60-mesh | 250 micrometre |  |
|  |  | Sixth Schedule, Reg- | one hundred and fifty | 50 metres | 308 |
|  |  |  | fifteen feet .. .. |  |  |
|  |  | Sixth Regulation Schedule, 157 (3) | 60 -mesh $\quad .$. | 250 micrometre | 309A |
|  |  | (d). | thousand cubic feet. | 30 cubic metres | 310 |
|  |  |  | 60-mesh . | 250 micrometre | 310A |

## Metric Conversion.

Schedule-continued.


## Metric Conversion.

## Schedule-continued.



## Metric Conversion.

Schedule-continued.


Schedule

## Metric Conversion.

Schedule-continued.


Act No. 51, 1974.
Metric Conversion.
Schedule-continued.


Schedule

## Metric Conversion.

## Schedule-continued.



Act No. 51, 1974.

## Metric Conversion.

Schedule-continued.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|r|}{Column 1.} \& \multicolumn{4}{|c|}{Column 2.} \\
\hline Year and number of Act. \& Short title of Act. \& Provision of Act. \& Matter to be omitted. \& Matter to be inserted. \& Item No. \\
\hline 1916, No. \(51 .\). \& \[
\begin{gathered}
\text { Public Instruc- } \\
\text { tion (Amend- } \\
\text { ment) Act, } 1916 .
\end{gathered}
\] \& Section 4 (4) (d) .. \& \begin{tabular}{l}
three miles (wherever occurring). \\
two miles (wherever occurring).
\end{tabular} \& \begin{tabular}{l}
4.8 kilometres \\
3.2 kilometres
\end{tabular} \& \[
\begin{aligned}
\& 539 \\
\& 540
\end{aligned}
\] \\
\hline \multirow[t]{9}{*}{1916, No. 55} \& \multirow[t]{9}{*}{\[
\begin{aligned}
\& \text { Forestry } \\
\& 1916 .
\end{aligned} \quad \text { Act, }
\]} \& \begin{tabular}{l}
Section 4 (the definition of "Crowntimber lands''). \\
Section 16A (3) (c) Section 17 (1)
\end{tabular} \& \(\begin{array}{lll}\text { five acres } \& . \& . \\ \\ \text { fifty acres } \\ \text { eight million acres } \\ \text { one and one-half } \\ \text { million acres. }\end{array}\) \& \(\begin{array}{lll}2 \text { hectares } \& . . \& \ldots \\ \\ 20 \text { hectares } \& \\ 3050000 \text { hectares } \& \ldots \\ 600000 \text { hectares } \& \ldots\end{array}\) \& 541

542
543
544 <br>
\hline \& \& Section 18 (1) .. \& five acres .. .. \& 2 hectares .. . . \& 545 <br>
\hline \& \& Section 19B (1) .. \& fifty acres .. .. \& 20 hectares .. . \& 546 <br>
\hline \& \& Section 22 ${ }^{\text {Section } 25 \mathrm{~A}}$ (1) $\quad \cdots$ \& $\begin{array}{lll}\text { five acres } & \ldots & . \\ \text { five acres } & . . & . .\end{array}$ \& 2 hectares \& 547
548 <br>

\hline \& \& \multirow[t]{2}{*}{| Section 25c (the definition of "prescribed lease from the Crown'). |
| :--- |
| Section 25F (6) |} \& five acres \& 2 hectares \& 549 <br>

\hline \& \& \& fifty thousand superficial feet gross hoppus. \& 150 cubic metres \& 550 <br>
\hline \& \& Section 26 (1) .. \& five acres (wherever occurring). \& 2 hectares .. \& 551 <br>
\hline \& \& Section 26 (6) .. \& 50,000 superficial feet \& 150 cubic metres \& 552 <br>
\hline \& \& Section 33 (2) (a) \& gross hoppus. one hundred acres . \& 40 hectares .. \& 553 <br>

\hline 1916, No. $75 .$. \& $$
\begin{aligned}
& \text { Totalizator Act, } \\
& \text { 1916. }
\end{aligned}
$$ \& Section 8 (2) (b) (iii).. \& forty miles .. .. \& 64 kilometres .. \& 554 <br>

\hline \multirow[t]{8}{*}{1917, No. $15 .$.} \& \multirow[t]{8}{*}{Bookmakers (Taxation) Act, 1917.} \& Section 21 (2) . \& forty miles .. .. \& 64 kilometres \& \multirow[t]{6}{*}{555
556
557
558
559
560
561} <br>
\hline \& \& Section 21 (4) $\quad$. \& forrty miles miles $\quad .$. \& $\begin{array}{ll}64 \text { kilomerres } & \text {. } \\ 64 \\ \text { kilometres } & \text {. }\end{array}$ \& <br>
\hline \& \& Section 21 (5) . . \& forty miles .. .. \& 64 kilometres .. \& <br>
\hline \& \& Section 22 (1) (a) .. \& forty miles .. .. \& 64 kilometres .. \& <br>
\hline \& \& Section 22 (1) (b) . \& forty miles $\quad . \quad . \quad$ \& \multirow[b]{2}{*}{64 kilometres} \& <br>
\hline \& \& Section 22 (2) (a) .. \& forty miles (wherever occurring). \& \& <br>

\hline \& \& Section 22 (2) (b) \& \multirow[t]{2}{*}{| forty miles (wherever occurring). |
| :--- |
| forty miles |} \& 64 kilometres \& 562 <br>

\hline \& \& Section 28 .. .. \& \& 64 kilometres \& 563 <br>

\hline 1918, No. 48 .. \& $$
\begin{aligned}
& \text { Closer Settlement } \\
& \text { (Amendment) } \\
& \text { Act, 1918. }
\end{aligned}
$$ \& Section 6 .. .. \& two hundred acres .. \& 80 hectares .. .. \& 564 <br>

\hline \multirow[t]{3}{*}{1921, No. 17 ..} \& \multirow[t]{3}{*}{\[
$$
\begin{aligned}
& \text { Wild Dog De- } \\
& \text { struction Act, } \\
& 1921 .
\end{aligned}
$$

\]} \& Section 3 (the defini tion of "Queensland Border Fence''). \& \multirow[t]{2}{*}{| two hundred and seventeen miles. |
| :--- |
| ten miles one hundred and sixty miles. |} \& 349 kilometres \& 565 <br>


\hline \& \& \multirow[t]{2}{*}{| Section 3 (the definition of "South Australian Border Fence"'). |
| :--- |
| Section 12 (1) |} \& \& 16 kilometres 257 kilometres \& \[

$$
\begin{aligned}
& 566 \\
& 567
\end{aligned}
$$
\] <br>

\hline \& \& \& five twenty-fourths of a cent per acre. \& 0.5147 cents per hectare. \& 568 <br>
\hline
\end{tabular}

## Metric Conversion.

Schedule-continued.

\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{2}{|c|}{Column 1.} \& \multicolumn{4}{|c|}{Column 2.} \\
\hline Year and number of Act. \& Short title of Act. \& Provision of Act. \& Matter to be omitted. \& Matter to be inserted. \& \[
\begin{aligned}
\& \text { Item } \\
\& \text { No. }
\end{aligned}
\] \\
\hline 1924, No. 31 \& Prickly-pear Act, 1924. \& \begin{tabular}{l}
Section 14 (1) (d) \\
Section 15 (6) (a) \\
Section 15 (6) (b) \\
Section 16 (2) \\
Section 20 (6)
\end{tabular} \&  \&  \& 569
570
571
572
573
574 \\
\hline 1925, No. 3 .. \& \[
\underset{\text { Act, 1925. }}{\text { Mines }}
\] \& Section 9 (1).. \& one hundred and forty-four square feet. seventy degrees Fahrenheit. \& \(\begin{array}{ll}13 \text { square metres } \& \text {.. } \\ 21^{\circ} \text { Celsius. .. } \& \text {.. }\end{array}\) \& 575
576 \\
\hline 1930, No. 20 .. \& \[
\begin{aligned}
\& \text { Optometrists Act, } \\
\& 1930 .
\end{aligned}
\] \& \begin{tabular}{l}
Section 35 (2) (a) \\
Section 35 (2A) (a) \\
Section 35 (2B) (a).
\end{tabular} \& five miles five miles five miles \& \(\begin{array}{ll}8 \text { kilometres .. } \\ 8 \text { kilometres } . . \& \ldots \\ 8 \text { kilometres .. } \& \end{array}\) \& 577
578
579 \\
\hline 1930, No. 37 .. \& Reclamation Act, 1930. \& Section 25 (1) \& one hundred feet .. \& 30.5 metres \& 580 \\
\hline 1931, No. 56 .. \& Finance (Grey-hound-racing Taxation) Act, 1931. \& \(\begin{array}{ll}\text { Section } 4 \text { (1).. } \& . . \\ \text { Section } 5(1) . \\ \text { Section } 5 \text { (2) ... } \& . .\end{array}\) \& forty miles (wherever occurring). forty miles forty miles \& \(\begin{array}{ll}64 \text { kilometres } \& . . \\ 64 \\ 64 \text { kilometres } \& \ldots \\ 64 \text { kilometres }\end{array}\) \& 581
582
583 \\
\hline 1934, No. 59 .. \& \[
\begin{array}{cc}
\text { Charitable } \& \text { Coll } \\
\text { lections } \& \text { Act } \\
1934 . \&
\end{array}
\] \& Section 10 (3) \& ten miles .. .. \& 16 kilometres .. \& 584 \\
\hline 1935, No. 42 .. \& Gas and Electricity Act, 1935. \& Section \(10(1)\)

Section 26
Section 28

Section $28(1)$ \& gas unit (wherever occurring). five one-thousandths of a cent. gas units (wherever occurring). gas units twenty-five yards thirty feet \& | megajoule |
| :--- |
| ten ten-thousandths of a cent. megajoules megajoules twenty metres ten metres | \& 585

586
587
588
589
590 <br>

\hline 1937, No. 31 .. \& Racing Taxation Act, 1937. \& $$
\begin{aligned}
& \text { Section } 5(3) \\
& \text { Section 5 (4) } \\
& \text { Section 5 (5) } \\
& \text { Section 5 (6) } \\
& \text { S. }
\end{aligned}
$$ \& forty miles forty miles forty miles forty miles \& sixty-four kilometres sixty-four kilometres sixty-four kilometres sixty-four kilometres \& 591

592
593
594 <br>

\hline 1938, No. 10 .. \& Soil Conservation Act, 1938. \& | Section 21c (3) (a) |
| :--- |
| Section 21c (3) (b) | \& | three trees on any area of one acre. |
| :--- |
| five acres | \& seven trees on any area of one hectare 2 hectares \& \[

$$
\begin{aligned}
& 595 \\
& 596
\end{aligned}
$$
\] <br>

\hline
\end{tabular}

## Metric Conversion.

Schedule-continued.


Act No. 51, 1974.
Metric Conversion.

Schedule-continued.

| Column 1. |  | Column 2. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year and number of Act. | Short title of Act. | Provision of Act. | Matter to be omitted. | Matter to be inserted. | Item No. |
| 1956, No. 10 .. | $\begin{array}{cr} \text { Hunter } & \begin{array}{r} \text { Valley } \\ \text { Flood } \\ \text { Mitiga Act, } \\ \text { tiga- } \end{array} \end{array}$ | Section 9 (3) (d) .. | two chains | 40 metres | 631 |
| 1957, No. 29 .. | Credit-sale Agreements Act, 1957. | Section 9 (1).. .. | five miles | 8 kilometres | 632 |
| 1960, No. 33 .. | Hire-Purchase Act, 1960. | Section 45 (2) (b) (i).. | five miles | 8 kilometres . . | 633 |
| 1964, No. 1 .. | Totalizator (Offcourse Betting) Act, 1964. | Section 17 (1A) (a) .. | forty miles .. .. | 64 kilometres | 634 |
| 1964, No. 27 .. | Sydney Exchange Company Limited Act, 1964. | Second Schedule | 2,400 square feet .. | 222.96 square metres | 635 |
| 1964, No. 48 .. | $\begin{aligned} & \text { Pharmacy Act, } \\ & 1964 . \end{aligned}$ | Section 25 (2) <br> Section 26 (3) | ten miles ten miles | 16 kilometres 16 kilometres | $\begin{aligned} & 636 \\ & 637 \end{aligned}$ |
| 1966, No. 31 .. | Poisons Act, 1966 | Section 10 (1) (a) .. | four miles | 6.5 kilometres | 638 |
| 1967, No. 90 .. | $\begin{aligned} & \text { Pipelines Act, } \\ & 1967 . \end{aligned}$ | $\begin{aligned} & \text { Section } 5 \text { (7) . . } \\ & \text { Section 5 (8) } \\ & \text { Section } 37 \text { (1) } \end{aligned}$ | five miles five miles twenty dollars in re spect of each mile or portion of a mile. | ten kilometres ten kilometres $\$ 12.50$ in respect of each kilometre or portion of a kilo metre. | $\begin{aligned} & 639 \\ & 640 \\ & 641 \end{aligned}$ |

In the name and on behalf of Her Majesty I assent to this Act.

## A. R. CUTLER,

 Governor.
## Government House,

Sydney, 6th May, 1974.


[^0]:    * The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.

[^1]:    * The current-carrying capacity of a conductor having wires of a number or diameter not specified in this table shall be taken to be proportionate to that of the cases specified.

