

Repeal and savings

65. (1) The enactments specified below shall stand repealed in an area in which or in relation to any class of goods or undertakings or weights and measures or users of weights and measures in respect of which this Ordinance comes into force-

- (a) the Weights and Measures of Capacity Act, 1871 (XXXI of 1871);
- (b) the Measures of Length Act, 1889 (II of 1889);
- (c) the Standards of Weight Act, 1939 (IX of 1939); and
- (d) the Weights and Measures (Metric System) Act, 1967 (V of 1967).

(2) If, immediately before the commencement of this Ordinance, any provision thereof in any area or in relation to any class of goods or undertakings, there is in force in that area or in relation to that class of goods or undertakings any law which corresponds to this Ordinance or to any such provision thereof and which is not repealed by sub-section (1) that corresponding law shall stand repealed.

THE SCHEDULE

(See section 9)

(1) MASS:

1 grain	= 0.000 064 798 91	kilogram
1 tola	= ¹ [0.011 663 803 8]	kilogram
1 seer	= 0.933 104 304	kilogram
1 maund	= 37.324 172 16	kilogram
1 ounce (troy)	= 0.031 103 476 8	kilogram
1 pound (avoirdupois)	= 0.453 592 37	kilogram
1 hundred weight (UK)	= 50.802 345 44	kilogram

¹ The figures and sign "0.011 663 803 8" were substituted for the figures and sign "0.011 663 303 8" by section 24 of the Standards of Weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

1 hundred weight (USA)	= 45.359 237	kilogram
1 ton (UK)	= 1016.046 908 8	kilogram
1 ton (USA)	= 907.184 74	kilogram

(2) LENGTH :

1 inch	= 0.025 4	metre
1 foot	= 0.304 8	metre
1 yard	= 0.914 4	metre
1 mile	= 1609.344	metre
1 nautical mile (UK)	= 1853.18	metre
¹ [1 International nautical mile]	= 1852	metre]

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1 foot	= 0.304 799	metre
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(3) AREA :

1 square inch	= 0.000 645 16	square metre
1 square foot	= 0.092 903 04	square metre
1 square yard	= 0.836 127 56	square metre
1 square mile	= 2589 988.110 336	square metre

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1 square foot	= 0.092 903	square metre
1 acre	= ² [4046.8561]	square metre
	= ³ [0.404 685 61]	hectare

¹ The entry "1 International nautical mile = 1852 metre" was inserted by section 24 of the Standards of weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

² The figures and sign "4046.8561" were substituted for the figures and sign "4046.8468" by section 24 of the Standards of Weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

³ The figures and sign "0.404 685 61" were substituted for the figures and sign "0.404 648 58" by section 24 of the Standards of Weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

(4) VOLUME :

1 cubic inch	= ¹ [0.000 016 387 064]	cubic metre
1 cubic foot	= ² [0.028 316 846 592]	cubic metre
1 cubic yard	= 0.764 554 857 984	cubic metre
1 gallon (UK)	= 0.004 546 087	cubic metre
	= 4.546 087	litre
1 gallon (USA)	= 0.003 785 411 784	cubic metre
	= 3.785 411 784	litre
1 bushel (USA)	= 0.035 239 070 17	cubic metre
(2 150. 42 cubic inches)		
1 barrel (for petroleum)	= 0.158 987 294 928	cubic metre
1 acre-foot	= 1 233.482	cubic metre

(5) TEMPERATURE:

1 degree Fahrenheit	= $\frac{9}{5} T - 459.67$ kelvin (K)
1 degree Celsius	= $T - 273.15$ kelvin (K)
1 degree kelvin	= $\theta + 273.15$ degree Celsius ($^{\circ}\text{C}$)
	= $\frac{5}{9} (t + 459.67)$ degree Fahrenheit ($^{\circ}\text{F}$)

Where T= Temperature in kelvin; θ = Temperature in Celsius and t = Temperature in Fahrenheit.

¹ The figures and sign "0.000 016 387 064" were substituted for the figures and sign "0.000 160 387 064" by section 24 of the Standards of Weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

² The figures and sign "0.028 316 846 592" were substituted for the figures and sign "0.023 316 846 592" by section 24 of the Standards of Weights and Measures (Amendment) Act, 2001 (Act No. VI of 2001).

(6) FORCE:

1 pound-force = 4.448 221 615 260 5 newton

1 poundal = 0.138 254 954 376 newton

(7) PRESSURE:

1 barometric inch of mercury = 3 386.388 640 341 pascals

1 inch of water = 249.088 91 pascals

(8) ENERGY:

1 British thermal unit = 1 055.055 852 62 joules

1 foot-pound-force = 1.355 817 948 331 400 4 joules

(9) POWER:

1 horse-power (UK) = 745.699 871 582 270 22 watts

1 horse-power (European) = 735.498 75 watts

1 ton of refrigeration = 3516.852 842 67 Watts.
