

Published on 13th December, 1980.

GUYANA

No. 91 of 1980

## ORDER

Made Under

## THE WEIGHTS AND MEASURES ACT

(Cap. 90:14)

IN EXERCISE OF THE POWERS CONFERRED UPON THE MINISTER BY SECTION 4A OF THE WEIGHTS AND MEASURES ACT, I HEREBY MAKE THE FOLLOWING ORDER:—

1. This Order may be cited as the Weights and Measures Order 1980 and shall be deemed to have come into operation on 3rd June 1978.

Citation  
and commence-  
ment.

2. The Second Schedule to the Act is hereby deleted and the Schedule to this order substituted therefor.

Substitution  
of new  
schedule for  
the Second  
Schedule  
the Act.

## SECOND SCHEDULE

## TABLE

Equivalents of Imperial and Metric Weights and Measures in Trade or Buisness.

## IMPERIAL TO METRIC

## Linear Measure

1 inch (in.)	=	25.4 millimetres (mm) or 2.54 centimetres (cm)
1 foot (ft.)	=	0.304 8 metre (m) or 30.48 centimetres (cm)
1 yard (yd.)	=	0.914 4 metre (m)
1 fathom (fa.)	=	1.828 8 metres (m)
1 pole (po.) (5.5 yds.)	=	5.029 2 metres (m)
1 chain (ch.)	=	20.116 8 metres (m)
1 furlong (fur.)	=	201.168 metres (m) or 0.201 168 (km)
1 mile (ml.)	=	1.609 344 kilometres (km)

## Cubic Measure

1 cubic inch (cu.in.)	=	16.387 1 cubic centimetres (cm <sup>3</sup> )
1 cubic foot (cu.ft.)	=	0.028 316 8 cubic metre (m <sup>3</sup> )
1 cubic yard (cu.yd.)	=	0.764 555 cubic metre (m <sup>3</sup> )

## Measures of Capacity

1 gill (gi.)	=	0.142 065 litre (L) or 142.065 millilitres (mL)
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1 pint (pt.) (4 gi.)	—	0.568 261 litre (L) or 568. 261 millilitres (mL)
1 quart (qt.) (2 pt.)	—	1.136 52 litres (L)
1 gallon (gal.) (4 qt. or 8 pt.)	—	4.546 09 litres (L)
1 bushel (bu.)	—	36.368 7 litres (L)
1 fluid ounce (fl. oz.) [U.K.]	—	28.413 1 millilitres (mL)
Square Measure		
1 square inch (sq. in.)	—	645. 16 square millimetres (mm <sup>2</sup> ) or 6. 451 6 square centimetres (cm <sup>2</sup> )
1 square foot (sq. ft.)	—	0.092 903 square metre (m <sup>2</sup> ) or 929.03 square centimetres (cm <sup>2</sup> )
1 square yard (sq. yd.)	—	0.836 127 square metre (m <sup>2</sup> )
1 rood (rd.)	—	1.011 71 square metres (m <sup>2</sup> ) or 0.101 17 hectare (ha)
1 acre (ac.)	—	4.046. 86 square metres or 0.404 686 hectare (ha)
1 square mile (sq. ml.)	—	2.589 99 square kilometres (km <sup>2</sup> ) or 258, 999 hectares (ha)
Apothecaries Measure		
1 minim	—	0.059 19 millilitre (mL)
1 fluid scruple (fl. sc.)	—	1.184 millilitres (mL)
1 fluid drachm (fl. dr.)	—	3.552 millilitres (mL)
1 fluid ounce (fl. oz.)	—	28.413 1 millilitre or 0.028 413 1 litre

1 pint (pt.) (20 fl. oz.)	—	0.568 litre (L)
1 gallon (gal.)	—	4.54609 litres (L)
<b>Avoirdupois Weight</b>		
1 grain (gr.)	—	0.0648 gram (g) or 64.8 milligrams (mg)
1 dram (dr.)	—	1.77185 grams (g)
1 ounce (oz.) (16 dr.)	—	28.3495 grams (g)
1 pound (lb.) (16 oz.)	—	0.45359237 kilogram (kg)
1 stone (st.) (14 lb.)	—	6.350293 kilograms (kg)
1 quarter (qr.) (28 lb.)	—	12.7006 kilograms (kg)
1 hundredweight (cwt.) (112 lb.)	—	50.802 kilograms (kg)
1 ton (t) (long ton) (20 cwt.)	—	1016.046 kilograms (kg) or 1.016046 tonnes (t)
<b>Troy Weight</b>		
1 grain (gr.)	—	0.0648 gram (g) or 64.8 milligrams (mg)
1 pennyweight (dwt.) (24 gr.)	—	1.555174 grams (g)
1 troy ounce (oz. tr.) (20 dwt.)	—	31.1035 grams (g)
<b>Apothecaries Weight</b>		
1 grain (gr.)	—	0.0648 gram (g) or 64.8 milligrams (mg)
1 scruple (sc.) (20 gr.)	—	1.296 grams (g)

1 drachm (dr.) (3 sc.)	—	3.888 grams (g)
1 ounce (oz.) (8 dr.)	—	31.1035 grams (g)

### MULTIPLES OF SI UNITS

Factor	Prefix	Symbol
$10^{18}$	exa	E
$10^{15}$	peta	P
$10^{12}$	tera	T
$10^9$	giga	G
$10^6$	mega	M
$10^3$	kilo	k
$10^2$	hecto	h
$10^1$	deca	da

### SUB-MULTIPLES OR FRACTIONS OF SI UNITS

Factor	Prefix	Symbol
$10^{-1}$	deci	d
$10^{-2}$	centi	c
$10^{-3}$	milli	m
$10^{-6}$	micro	u
$10^{-9}$	nano	n
$10^{-12}$	pico	p
$10^{-15}$	femto	f
$10^{-18}$	atto	a

Note: SI prefixes are not applicable to the base unit — “kilogram” but applicable to the one-thousandth part thereof, namely the “gram”.

### METRIC TO IMPERIAL

#### Linear Measure

1 millimetre (mm)	—	0.039 370 079 inch (in.)
1 centimetre (cm)	—	0.393 700 79 inch (in.)
1 decimetre (dm)	—	3.937 007 9 inches (in.)

1 metre (m)	—	1.093 613 yards (yd.)
1 decametre (dam)	—	10.936 13 yards (yd.)
1 hectometre (hm)	—	109.361 3 yards (yd.)
1 kilometre (km)	—	0.621 371 19 mile (mi.)

#### Cubic Measure

1 cubic centimetre (cm <sup>3</sup> )	—	0.061 023 744 cubic inch (cu. in.)
1 cubic metre (m <sup>3</sup> )	—	35.314 667 cubic feet (cu. ft.)
1 cubic metre (m <sup>3</sup> )	—	1.307 950 6 cubic yards (cu. yd.)

#### Measures of Capacity

1 millilitre (mL)	—	0.007 gill (gi.)
1 centilitre (cL)	—	0.070 gill (gi.)
1 decilitre (dL)	—	0.176 pint (pt.)
1 litre (L)	—	1.759 754 pints (pt. imp)
1 decalitre (daL)	—	2.199 7 gallons (gal. imp)
1 hectolitre (hL)	—	2.749 6 bushels (bu.)
1 kilolitre (kL)	—	27.496 bushels or 219.97 gallons

#### Square Measure

1 square millimetre (mm <sup>2</sup> )	—	0.001 550 square inch (sq. in.)
1 square centimetre (cm <sup>2</sup> )	—	0.155 000 square inch (sq. in.)

1 square metre (m <sup>2</sup> )	—	1.195 990 5 square yards (sq. yd.)
1 are (a) (100 m <sup>2</sup> )	—	119.59 905 square yards (sq. yd.)
1 hectare (ha) (10 000m <sup>2</sup> )	—	2.471 053 8 acres (ag.)
1 square kilometre (km <sup>2</sup> )	—	0.386 102 square mile (sq. ml.) or 247.105 38 acres (ac.)

## WEIGHTS

Metric Weights		Avoirdupois
1 milligram (mg)	—	0.015 432 358 grain (gr.)
1 centigram (cg)	—	0.154 324 grain (gr.)
1 decigram (dg)	—	1.543 236 grains (gr.)
1 gram (g)	—	15.432 358 grains (gr.) or 0.035 274 ounce (oz.)
1 decagram (dag)	—	5.644 drams (dr.) or 0.352 74 ounce (oz.)
1 hectogram (hg)	—	3.527 4 ounces (oz.)
1 kilogram (kg)	—	2.204 622 pounds (lb.)
1 tonne (t) also referred to as a metric ton (1 000 kg)	—	0.984 2 ton (t) long 1.102 311 tons (t.) short

## TROY

1 gram (g)	—	0.032 15 ounce (oz.) or 0.643 pennyweight (dwt.) or 15.432 358 grains (gr.)
1 metriccarat (or 0.2 g) or (200 mg)	—	3.086 4 grains (gr.)

## APOTHECARIES

1 gram (g)	—	0.03215 ounce (troy) or 0.2572 drachm (dr.) or 0.7716 scruple (sc.) or 15.432358 grains (gr.)
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Made this 5th day of December, 1980.

*F. E. Hope,*  
Minister of Finance.