

Status: Point in time view as at 06/04/2006.

Changes to legislation: There are currently no known outstanding effects for the Weights and Measures Act 1985, SCHEDULE 1. (See end of Document for details)

SCHEDULES

SCHEDULE 1

Sections 1(2), 8(1).

DEFINITIONS OF UNITS OF MEASUREMENT

PART I

MEASUREMENT OF LENGTH

Imperial units

F1	F1
...	...
F1	F1
...	...
F1	F1
...	...
F1	F1
...	...

Textual Amendments

F1 Sch. 1 Pts. I, II: entries omitted (1.10.1995) by virtue of [S.I. 1994/2867, reg. 6\(5\)\(a\)](#)

Metric units

Kilometre =	1000 metres.
METRE	is the length of the path travelled by light in vacuum during a time interval of $\frac{1}{299\,792\,458}$ of a second.
Decimetre =	$\frac{1}{10}$ metre.
Centimetre =	$\frac{1}{100}$ metre.
Millimetre =	$\frac{1}{1000}$ metre.

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PART II

MEASUREMENT OF AREA

Imperial units

F2	F2
.
F2	F2
.
F2	F2
.

Textual Amendments

F2 Sch. 1 Pts. I, II: entries omitted (1.10.1995) by virtue of [S.I. 1994/2867](#), **reg. 6(5)(a)**

Metric units

Hectare =	100 ares.
Decare =	10 ares.
Are =	100 square metres.
SQUARE METRE=	a superficial area equal to that of a square each side of which measures one metre.
Square decimetre =	1/100 square metre.
Square centimetre =	1/100 square decimetre.
Square millimetre =	1/100 square centimetre.

PART III

MEASUREMENT OF VOLUME

Metric units

CUBIC METRE =	a volume equal to that of a cube each edge of which measures one metre.
Cubic decimetre =	1/1000 cubic metre.
Cubic centimetre =	1/1000 cubic decimetre.
Hectolitre =	100 litres.
LITRE =	a cubic decimetre.
Decilitre =	1/10 litre.

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Centilitre =	1/100 litre.
Millilitre =	1/1000 litre.

PART IV

MEASUREMENT OF CAPACITY

[^{F3}Imperial unit]

Textual Amendments

F3 Heading in Sch. 1 Pt. IV substituted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(a\)\(i\)](#)

F4	F4
...	...
F4	F4
...	...
Pint =	[^{F5} 0.568 261 25 cubic decimetre.]
F4	F4
...	...
F6	F6
...	...

Textual Amendments

F4 Sch. 1 Pt. IV: definitions of “gallon”, “quart” and “gill” omitted (1.10.1995) by virtue of [S.I. 1994/2867, reg. 6\(5\)\(b\)\(i\)](#)

F5 Sch. 1 Pt. IV: definition substituted (1.10.1995) by [S.I. 1994/2867, reg. 6\(5\)\(b\)\(ii\)](#)

F6 Sch. 1 Pt. IV: definition of “fluid ounce” omitted (1.1.2000) by virtue of [S.I. 1994/2867, reg. 7\(3\)\(a\)\(ii\)](#)

Metric units

Hectolitre =	100 litres.
LITRE =	a cubic decimetre.
Decilitre =	1/10 litre.
Centilitre =	1/100 litre.
Millilitre =	1/1000 litre.

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PART V

MEASUREMENT OF MASS OR WEIGHT

[^{F7}Imperial unit]

Textual Amendments

F7 Heading in Sch. 1 Pt. V substituted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(b\)\(i\)](#)

<p>F8</p> <p>...</p> <p>F8</p> <p>...</p> <p>[^{F9}OUNCE TROY=]</p>	<p>F8</p> <p>...</p> <p>F8</p> <p>...</p> <p>[^{F9} 0.031 103 476 8 kilogram.]</p>
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Textual Amendments

- F8** Sch. 1 Pt. V: definitions of “pound” and “ounce” omitted (1.1.2000) by virtue of [S.I. 1994/2867, reg. 7\(3\)\(b\)\(ii\)](#)
- F9** Sch. 1 Pt. V: definition of “ounce troy” substituted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(b\)\(iii\)](#)

Metric units

Tonne, metric tonne =	1000 kilograms.
KILOGRAM=	is the unit of mass; it is equal to the mass of the international prototype of the kilogram.
Hectogram =	1/10 kilogram.
Gram =	1/1000 kilogram.
Carat (metric) =	1/5 gram.
Milligram =	1/1000 gram.

[^{F10}PART VI

DEFINITIONS OF CERTAIN UNITS WHICH MAY NOT BE USED FOR TRADE EXCEPT AS SUPPLEMENTARY INDICATIONS

Textual Amendments

F10 Sch. 1 Pt. VI substituted (1.10.1995) by [S.I. 1994/2867, reg. 6\(5\)\(c\)](#)

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^{F11}Measurement of length

Mile	=	1760 yards.
Furlong	=	220 yards.
Chain	=	22 yards.
YARD	=	0.9144 metre.
Foot	=	1/3 yard.
Inch	=	1/36 yard.

Measurement of area

Square mile	=	640 acres.
Acre	=	4840 square yards.
Rood	=	1210 square yards.
Square yard	=	a superficial area equal to that of a square each side of which measures one yard.
Square foot	=	1/9 square yard.
Square inch	=	1/144 square foot.

Measurement of volume

Cubic yard	=	a volume equal to that of a cube each edge of which measures one yard.
Cubic foot	=	1/27 cubic yard.
Cubic inch	=	1/1728 cubic foot.

Measurement of capacity

Bushel	=	87 gallons.
Peck	=	2 gallons
GALLON	=	4.54609 cubic decimetres.
Quart	=	¼ gallon.
Gill	=	¼ pint.
[^{F12} Fluid ounce]	[^{F12} =]	[^{F12} 1/20 pint.]
Fluid drachm	=	1/8 fluid ounce.
Minim	=	1/60 fluid drachm.

Measurement of mass or weight

Ton	=	2240 pounds.
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Hundredweight	=	112 pounds.
Cental	=	100 pounds.
Quarter	=	28 pounds.
Stone	=	14 pounds.
[^{F13} POUND]	[^{F13} =]	[^{F13} 0.453 592 37 kilogram.]
[^{F14} Ounce]	[^{F14} =]	[^{F14} 1/16 pound]
Dram	=	1/16 ounce.
Grain	=	1/7000 pound.
Pennyweight	=	24 grains.
Ounce apothecaries	=	480 grains.
Drachm	=	1/8 ounce apothecaries.
Scruple	=	1/3 drachm.
Metric ton	=	1000 kilograms.
Quintal	=	100 kilograms.]

Textual Amendments

- F11** Sch. 1 Pt. VI substituted (1.10.1995) by [S.I. 1994/2867, reg. 6\(5\)\(c\)](#)
F12 Sch. 1 Pt. VI: definition of “fluid ounce” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(i\)](#)
F13 Sch. 1 Pt. VI: definition of “pound” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(ii\)](#)
F14 Sch. 1 Pt. VI: definition of “ounce” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(ii\)](#)

Textual Amendments

- F11** Sch. 1 Pt. VI substituted (1.10.1995) by [S.I. 1994/2867, reg. 6\(5\)\(c\)](#)
F12 Sch. 1 Pt. VI: definition of “fluid ounce” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(i\)](#)
F13 Sch. 1 Pt. VI: definition of “pound” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(ii\)](#)
F14 Sch. 1 Pt. VI: definition of “ounce” inserted (1.1.2000) by [S.I. 1994/2867, reg. 7\(3\)\(c\)\(ii\)](#)

PART VII

MEASUREMENT OF ELECTRICITY

1. (a) AMPERE is that constant current which, if maintained in two straight parallel conductors of infinite length, of negligible circular cross-section and placed 1 metre apart in vacuum, would produce between these conductors a force equal to

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		2×10^{-7} newton per metre of length.
	(b) OHM	is the electric resistance between two points of a conductor when a constant potential difference of 1 volt, applied between the two points, produces in the conductor a current of 1 ampere, the conductor not being the seat of any electromotive force.
	(c) VOLT	is the difference of electric potential between two points of a conducting wire carrying a constant current of 1 ampere when the power dissipated between these points is equal to 1 watt.
	(d) WATT	is the power which in one second gives rise to energy of 1 joule.
2.	Kilowatt	= 1000 watts.
	Megawatt	= one million watts.

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