

1970 No. 1710

WEIGHTS AND MEASURES**ADMINISTRATION****The Weights and Measures (Local Standards: Limits of Error) Regulations 1970**

<i>Made - - - -</i>	<i>13th November 1970</i>
<i>Laid before Parliament</i>	<i>19th November 1970</i>
<i>Coming into Operation</i>	<i>20th November 1970</i>

The Secretary of State in exercise of his powers under sections 4(4) and 58 of the Weights and Measures Act 1963(a) and all other powers enabling him in that behalf, hereby makes the following Regulations:—

1.—(1) These Regulations may be cited as the Weights and Measures (Local Standards: Limits of Error) Regulations 1970 and shall come into operation on 20th November 1970.

(2) The Weights and Measures (Local Standards: Limits of Error) Regulations 1963(b) and the Weights and Measures (Local Standards: Limits of Error) (Amendment) Regulations 1968(c) are hereby revoked except that the provisions thereof relating to apothecaries weights and measures shall continue in force until 1st January 1971.

(3) The Interpretation Act 1889(d) shall apply to the interpretation of these Regulations as it applies to the interpretation of an Act of Parliament.

2. The limits of error specified in the Schedule hereto shall be the prescribed limits of error for local standards.

Anthony Grant,
Parliamentary Under Secretary of State,
Department of Trade and Industry.

13th November 1970.

(a) 1963 c. 31.
(c) S.I. 1968/339 (1968 I, p. 974).

(b) S.I. 1963/1711 (1963 III, p. 3329).
(d) 1889 c. 63.

SCHEDULE

The symbols and abbreviations employed in the tables set out below refer to units of weight and measurement as follows:—

<i>Imperial</i>				<i>Metric</i>			
foot	...	...	ft	metre	...	...	m
inch	...	...	in	centimetre	...	...	cm
				millimetre	...	...	mm
gallon	...	...	gal	litre	...	...	l
pint	...	...	pt	millilitre	...	...	ml
fluid ounce	...	...	fl. oz				
pound	...	...	lb	kilogramme	...	...	kg
ounce	...	...	oz	gramme	...	...	g
				milligramme	...	...	mg
				carat (metric)	...	...	C.M.

LINEAR MEASURES

(a) *Imperial*(b) *Metric*

Local Standard of—	Limit of error, in inches	Local Standard of—	Limit of error, in millimetres
10 ft or more	0·1	50 m	5·0
less than 10 ft but more than 3 ft	0·02	30 m or 20 m	4·0
		10 m	2·5
		5 m	1·5
		3 m	0·75
3 ft, 2 ft, 1 ft or 6 in ...	0·01	2 m or 1·5 m	0·5
		1 m or 0·5 m	0·25
1 in	0·001	1 decimetre	0·1
		1 cm	0·05

CAPACITY MEASURES

(a) *Imperial*(b) *Metric*

Local Standard of—	Limit of error, in millilitres	Local Standard of—	Limit of error, in millilitres
8 gal	11·0	20 l	9·0
5 gal	7·0	10 l	4·5
4 gal	5·8	5 l	2·25
3 gal	4·5	2·5 l	1·40
2 gal	3·2	2 l	1·20
1 gal	1·8	1 l	0·45
$\frac{1}{2}$ gal	1·2	500 ml	0·40
1 quart	0·6	250 or 200 ml	0·35
1 pt	0·4	100 ml	0·20
$\frac{1}{2}$ pt, 8 fl. oz, $\frac{1}{3}$ pt or 6 fl. oz	0·32	50 ml	0·15
1 gill, 4 fl. oz or $\frac{1}{2}$ gill ...	0·20	25 ml	0·12
$\frac{2}{3}$ or $\frac{1}{3}$ gill	0·16	20 ml	0·10
$\frac{1}{4}$ gill	0·13	10 ml	0·08
$\frac{1}{5}$ or $\frac{1}{6}$ gill	0·10	5 ml	0·06
		2 or 1 ml	0·04

WEIGHTS

*Imperial System**(a) Avoirdupois weights*

Local Standard of—	Limit of error, in grains
56 lb	2.5
50 lb	2.0
28 lb	1.5
20 lb or 14 lb	1.0
10 lb	0.8
7 lb, 5 lb or 4 lb	0.5
2 lb	0.3
1 lb, 8 oz or 4 oz	0.2
2 oz or 1 oz	0.1
8 drams or less	0.05

(b) Grain weights

Local Standard of— grains	Limit of error, in grains
20 or more	0.01
10, 5, 3, 2, 1 or 0.5	0.006
0.3	0.004
0.2	0.002
0.1	0.001
0.05 or 0.03	0.0006
0.02 or 0.01	0.0005

(c) Troy weights

Local Standard of— ounces troy	Limit of error, in grains
300 or more	0.8
200 or 100	0.6
50 or 40	0.4
30 or 20	0.2
10	0.1
5, 4 or 3	0.06
2 or 1	0.04
0.5, 0.4 or 0.3	0.02
0.2, 0.1, 0.05 or 0.04	0.01
0.03 or less	0.006

*Metric System**(a) Metric weights other than carat (metric) weights*

Local Standard of—	Limit of error, in milligrammes
20 kg	150
10 kg	100
5 kg	50
2 kg	30
1 kg	20
500 g or 200 g	10
100 g	4
50 g	3
20 g or 15 g	2
10 g, 5 g, 4 g, 3 g, or 2 g	1
1 g, 500, 400, 300, 200, 150, 100 or 50 mg ...	0·4
20 mg	0·2
10 mg	0·1
5, 2 or 1 mg	0·04

(b) Carat (metric) weights

Local Standard of— C.M.	Limit of error, in milligrammes
500 or 200	1
100 or 50	0·4
20, 10, 5, 2 or 1	0·2
0·5, 0·25, 0·2	0·1
0·1 or less	0·04

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations prescribe the permissible limits of error for the local standard weights and measures which local weights and measures authorities are required to maintain.

They replace the Weights and Measures (Local Standards: Limits of Error) Regulations 1963 (S.I. 1963/1711), as amended.

The main change is that limits are prescribed for certain new metric weights and measures legalised by the Weights and Measures Act (Amendment of Schedules 1 and 3) Order 1970 (S.I. 1970/1709).

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