

1981 No. 1332

HEALTH AND SAFETY

**The Health and Safety (Foundries etc.) (Metrication)
Regulations 1981**

Made - - - - 14th September 1981

Laid before Parliament 23rd September 1981

Coming into Operation 1st December 1981

The Secretary of State, in exercise of the powers conferred on him by sections 49(1), (2), and (4) and 82(3)(a) of the Health and Safety at Work etc. Act 1974(a) ("the 1974 Act") and of all other powers enabling him in that behalf and for the purpose of giving effect without modifications to proposals submitted to him by the Health and Safety Commission under section 11(2)(d) of the 1974 Act after the carrying out by the said Commission of consultations in accordance with section 50(3) of that Act, hereby makes the following Regulations:—

Citation, commencement and interpretation

1.—(1) These Regulations may be cited as The Health and Safety (Foundries etc.) (Metrication) Regulations 1981 and shall come into operation on 1st December 1981.

(2) In these Regulations, unless the context otherwise requires, "the principal Regulations" mean the Regulations to be amended by these Regulations, that is to say—

The Blasting (Castings and Other Articles) Special Regulations 1949(b);

The Iron and Steel Foundries Regulations 1953(c);

The Non-Ferrous Metals (Melting and Founding) Regulations 1962(d).

Amendment to the principal Regulations to substitute metric measurements for imperial measurements

2. The provisions of the principal Regulations specified in the Schedule to these Regulations in column 1 shall be amended by substituting for the measurements set out opposite thereto in column 3 the measurements set out in the corresponding entry in column 4.

(a) 1974 c. 37; section 49 was amended by the Employment Protection Act 1975 (c. 71), section 116 and Schedule 15, paragraph 15.

(b) S.I. 1949/2225.

(c) S.I. 1953/1464, to which there are amendments not relevant to these Regulations.

(d) S.I. 1962/1667, to which there are amendments not relevant to these Regulations.

Application to existing premises and plant or premises and plant under construction

3. Where any premises or plant in existence or under construction immediately before the coming into operation of these Regulations complied with the requirements of the principal Regulations as then in force, those premises or that plant shall be deemed to comply with the principal Regulations as amended by these Regulations.

Signed by order of the Secretary of State.
14th September 1981.

David Waddington,
Joint Parliamentary Under Secretary of State,
Department of Employment.

Regulation 2

THE SCHEDULE

AMENDMENTS TO REGULATIONS

1 Regulation to be amended	2 Subject matter of measurement	3 Present measurement	4 Measurement to be substituted
The Blasting (Castings and other Articles) Special Regulations 1949	Minimum rate at which clean air to be supplied to helmet	six cubic feet per minute	170 litres per minute
Regulation 12(3)	Minimum distance from blasting enclosure	twenty feet	6 metres
Regulation 17(2)			
The Iron and Steel Foundries Regulations 1953			
Regulation 5	(a) Distance from spout of cupola or furnace within which work not to be carried out	twelve feet	4 metres
	(b) Distance from ladle within which work not to be carried out	eight feet	2.4 metres
Regulation 6(1)(c)	Minimum width of certain gangways	three feet	920 millimetres
Regulation 6(1)(d)(i)	Minimum amount gangways shall be wider than overall width of ladle	two feet	600 millimetres
Regulation 6(1)(d)(ii)	Minimum width of certain gangways	three feet	920 millimetres
Regulation 6(1)(d)(iii)	Minimum width of certain gangways	four feet	1.2 metres
Regulation 6(1)(d)(iv)	Minimum width of certain gangways	six feet	1.8 metres

1 Regulation to be amended	2 Subject matter of measurement	3 Present measurement	4 Measurement to be substituted
Regulation 6(2)(a)(iii)	Minimum width of pouring aisles	eighteen inches	460 millimetres
Regulation 6(2)(b)(ii)	Minimum width of pouring aisles	eighteen inches	460 millimetres
Non-Ferrous Metals (Melting and Founding) Regulations 1962	Definition of "degrees"	degrees Fahrenheit	degrees Celsius
Regulation 2(2)	(a) Minimum width of pouring aisles	eighteen inches	460 millimetres
Regulation 10(1)(a)	(b) Minimum height of moulds above floor	twenty inches	510 millimetres
	(c) Minimum width of pouring aisles when moulds alongside are more than minimum height above the floor	twenty-four inches	600 millimetres
Regulation 10(1)(b)	Minimum width of pouring aisles	thirty inches	760 millimetres
Regulation 10(2)(a)	Minimum width of certain gangways	three feet	920 millimetres
Regulation 10(2)(c)(i)	Minimum amount gangways shall be wider than overall width of ladle	two feet	600 millimetres
Regulation 10(2)(c)(ii)	Minimum width of certain gangways	four feet	1.2 metres
Regulation 10(2)(c)(iii)	Minimum width of certain gangways	six feet	1.8 metres
Regulation 14	(a) Minimum room temperature	fifty degrees	10 degrees
	(b) Maximum outside temperature at which proviso applies	thirty degrees	-1 degree
	(c) Minimum amount by which room temperature should exceed outside temperature	twenty degrees	11 degrees

Regulation 15(2)(c)	Maximum interval at which taps or jets to be fitted to trough	two feet	600 millimetres
Regulation 15(3)(a)	(a) Definition of "unit" in terms of length of trough	two feet	600 millimetres
	(b) Definition of "unit" in terms of section of circumference of trough	two feet	600 millimetres
Regulation 15(3)(c)	Minimum internal measurement of basin or other receptacle	four feet	1.2 metres
Regulation 17	Minimum height to which walls are to be cleaned	fourteen feet	4.2 metres

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations amend—

The Blasting (Castings and Other Articles) Special Regulations 1949;

The Iron and Steel Foundries Regulations 1953; and

The Non-Ferrous Metals (Melting and Founding) Regulations 1962;

by substituting amounts or quantities expressed in metric units for amounts or quantities not so expressed. The substituted amounts preserve the effect of the original provisions except to the extent necessary to obtain amounts expressed in convenient and suitable terms.

Regulation 3 provides that the amendments do not relate to premises or plant in existence or under construction immediately before the coming into operation of these Regulations if those premises or that plant complied with the then existing Regulations.

SI 1981/1332
ISBN 0-11-017332-5



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