

1982 No. 185

HEALTH AND SAFETY

Health and Safety (Foundries etc.) (Metrication) Regulations
(Northern Ireland) 1982

Made 23rd June 1982

Coming into operation 23rd August 1982

The Department of Manpower Services, in exercise of the powers conferred on it by Articles 45(1) and (2) and 55(2) of the Health and Safety at Work (Northern Ireland) Order 1978(a) and of every other power enabling it in that behalf, after consultation with the Health and Safety Agency for Northern Ireland and such other bodies as appear to it to be appropriate, 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 (Northern Ireland) 1982 and shall come into operation on 23rd August 1982.

(2) In these Regulations “the principal Regulations” mean the Regulations to be amended by these Regulations, that is to say—

the Blasting (Castings and Other Articles) Special Regulations (Northern Ireland), 1950(b);

the Iron and Steel Foundries Regulations (Northern Ireland), 1955(c);

the Non-ferrous Metals (Melting and Founding) Regulations (Northern Ireland) 1964(d).

Substitution of metric measurements for imperial

2. The provisions of the principal Regulations specified in column 1 of the Schedule 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.

Applications 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.

Sealed with the Official Seal of the Department of Manpower Services for Northern Ireland on 23rd June 1982.

(L.S.)

R. O. Surgenor

Assistant Secretary

(a) S.I. 1978/1039 (N.I. 9)

(b) S.R. & O. (N.I.) 1950 No. 205 (p. 215)

(c) S.R. & O. (N.I.) 1955 No. 193 (p. 141)

(d) S.R. & O. (N.I.) 1964 No. 46

SCHEDULE
Amendments to Regulations

Regulation 2 632

1	2	3	4
<i>Regulation to be amended</i>	<i>Subject matter of measurement</i>	<i>Present measurement</i>	<i>Measurement to be substituted</i>
Blasting (Castings and Other Articles) Special Regulations (Northern Ireland), 1950 Regulation 12(3) Regulation 17(2) Iron and Steel Foundries Regulations (Northern Ireland), 1955 Regulation 5 Regulation 6(1)(c) Regulation 6(1)(d)(i) Regulation 6(1)(d)(ii)	Minimum rate at which clean air to be supplied to helmet	six cubic feet per minute	170 litres per minute
	Minimum distance from blasting enclosure	twenty feet	6 metres
	(a) Distance from the 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
	Minimum width of certain gangways	three feet	920 millimetres
	Minimum amount gangways shall be wider than overall width of ladle	two feet	600 millimetres
	Minimum width of certain gangways	three feet	920 millimetres

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1 <i>Regulation to be amended</i>	2 <i>Subject matter of measurement</i>	3 <i>Present measurement</i>	4 <i>Measurement to be substituted</i>
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
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 (Northern Ireland) 1964			
Regulation 2	Definition of "degrees"	degrees Fahrenheit	degrees Celsius
Regulation 10(1)(a)	(a) Minimum width of pouring aisle	eighteen inches	460 millimetres
	(b) Minimum height of moulds above floor	twenty inches	510 millimetres
	(c) Minimum width of pouring aisle when moulds alongside are more than minimum height above the floor	twenty-four inches	600 millimetres
Regulation 10(1)(b)	Minimum width of pouring aisle	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

1 <i>Regulation to be amended</i>	2 <i>Subject matter of measurement</i>	3 <i>Present measurement</i>	4 <i>Measurement to be substituted</i>
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 (Northern Ireland), 1950;

the Iron and Steel Foundries Regulations (Northern Ireland), 1955; and

the Non-ferrous Metals (Melting and Founding) Regulations (Northern Ireland) 1964;

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.