

1990 No. 5

HEALTH AND SAFETY**Shipbuilding etc. (Metrication) Regulations
(Northern Ireland) 1990***Made* 10th January 1990*Coming into operation* 5th March 1990

The Department of Economic Development being the Department concerned(a), in exercise of the powers conferred by Articles 17(1) and (3), 45 and 55(2) of the Health and Safety at Work (Northern Ireland) Order 1978(b) and of every other power enabling it in that behalf, after consultation in accordance with Article 46(1) of that Order 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 Shipbuilding etc. (Metrication) Regulations (Northern Ireland) 1990 and shall come into operation on 5th March 1990.

(2) In these Regulations, “the principal instruments” means the Regulations and Order amended by these Regulations, that is to say:—

the Shipbuilding and Ship-repairing Regulations (Northern Ireland) 1971(c);

the Shipbuilding (Lifting Appliances etc. Forms) Order (Northern Ireland) 1975(d).

Amendments to the principal instruments to substitute metric measurements for imperial measurements

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

Application to existing premises and plant

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 instruments as then in force, then those premises or that plant shall be deemed to comply with the requirements of the principal instruments as amended by these Regulations.

(a) See Article 2(2) of S.I. 1978/1039 (N.I. 9)

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

(c) S.R. & O. (N.I.) 1971 No. 372

(d) S.R. 1975 No. 191

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Sealed with the Official Seal of the Department of Economic
Development on 10th January 1990.

(L.S.)

Suzanna Cooper

Assistant Secretary

THE SCHEDULE

Amendments to Provisions

1 <i>Provision to be amended</i>	2 <i>Subject-matter of measurement or expression</i>	3 <i>Present measurement or expression</i>	4 <i>Measurement or expression to be substituted</i>
The Shipbuilding and Ship-repairing Regulations (Northern Ireland) 1971 Regulation 2(2)(a)	Length of vessel Depth of vessel	one hundred feet nine feet six inches	30 metres 2.9 metres
Regulation 2(2)(b)	Length of ship Depth of ship	one hundred feet nine feet six inches	30 metres 2.9 metres
Regulation 2(2)(c)	Length of vessel Depth of vessel	one hundred feet nine feet six inches	30 metres 2.9 metres
Regulation 3	Flash point of oil	two hundred and seventy degrees Fahrenheit	132 degrees Celsius
Regulation 6(b)	Height of guard-rails in ship construction	three feet	920 millimetres
	Height of guard-rails in other operations	two feet nine inches	840 millimetres
	Height of toe-board above floor	six inches	150 millimetres
Regulation 7(1)	Height of fencing	two feet nine inches	840 millimetres
Regulation 8(1)	Width of ladder or gangway	twenty-two inches	560 millimetres
	Height of fencing	two feet nine inches	840 millimetres

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1 <i>Provision to be amended</i>	2 <i>Subject-matter of measurement or expression</i>	3 <i>Present measurement or expression</i>	4 <i>Measurement or expression to be substituted</i>
Regulation 9(2)(a)	Position of top step of ladder	twelve inches	300 millimetres
Regulation 12(3)	Width of footway	eighteen inches	460 millimetres
Regulation 13(1)(d)	Position of top of ladder	two feet six inches	760 millimetres
Regulation 16(2)	Extension of planks forming stages	eighteen inches	460 millimetres
Regulation 23 (heading)	Height of stages	six feet six inches	2 metres
Regulation 23(1)	Height of stages	six feet six inches	2 metres
Regulation 23(2)(c)(i)	Width of stages	eighteen inches	460 millimetres
Regulation 23(2)(c)(ii)	Distance liable to fall	twenty-five feet	7.5 metres
	Width of stages	twenty-seven inches	685 millimetres
Regulation 23(3)(a)	Height of guard rail	three feet	920 millimetres
Regulation 23(7)	Width of stages	twenty-seven inches	685 millimetres
Regulation 24(1)	Height of fencing	three feet	920 millimetres
	Height of fencing	two feet six inches	760 millimetres
Regulation 25(1)	Height of coaming	two feet six inches	760 millimetres
	Height of fencing	three feet	920 millimetres

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Regulation 35(3)	Size of chains etc	half inch	13 millimetres
Regulation 46	Weight of load	20 tons	20 tonnes
Regulation 54(1)	Distance from source of heat	fifteen feet	5 metres
Regulation 58(1)(b)(i)	Flash point of oil	seventy-three degrees Fahrenheit	23 degrees Celsius
Regulation 59(2)	Flash point of oil	seventy-three degrees Fahrenheit	23 degrees Celsius
Regulation 65(1)	Flash point of oil	one hundred and fifty degrees Fahrenheit	66 degrees Celsius
Regulation 68(5)	Flash point of paraffin	one hundred degrees Fahrenheit	38 degrees Celsius
Regulation 79(1)	Height of stages	six feet six inches	2 metres
Second Schedule Paragraph (a)	Safe working load Safe working load Proof load Safe working load	under 20 tons 20-50 tons 5 tons in excess over 50 tons	under 20 tonnes 20-50 tonnes 5 tonnes in excess over 50 tonnes

1 <i>Provision to be amended</i>	2 <i>Subject-matter of measurement or expression</i>	3 <i>Present measurement or expression</i>	4 <i>Measurement or expression to be substituted</i>
Paragraph (c) <i>contd.</i>	Safe working load	85 tons	85 tonnes
	Proof load	125 tons	125 tonnes
	Safe working load	90 tons	90 tonnes
	Proof load	130 tons	130 tonnes
	Safe working load	95 tons	95 tonnes
	Proof load	135 tons	135 tonnes
	Safe working load	100 tons	100 tonnes
	Proof load	145 tons	145 tonnes
	Safe working load	110 tons	110 tonnes
	Proof load	155 tons	155 tonnes
	Safe working load	120 tons	120 tonnes
	Proof load	165 tons	165 tonnes
	Safe working load	130 tons	130 tonnes
	Proof load	175 tons	175 tonnes
	Safe working load	140 tons	140 tonnes
	Proof load	190 tons	190 tonnes
	Safe working load	150 tons	150 tonnes
	Proof load	200 tons	200 tonnes
	Safe working load	160 tons	160 tonnes
	Proof load	215 tons	215 tonnes
Safe working load	above 160 tons	above 160 tonnes	
Safe working load	under 50 tons	under 50 tonnes	
Safe working load	50–100 tons	50–100 tonnes	
Proof load	plus 50 tons	plus 50 tonnes	
Safe working load	over 100 tons	over 100 tonnes	
Safe working load	up to and including 20 tons	up to and including 20 tonnes	

1 <i>Provision to be amended</i>	2 <i>Subject-matter of measurement or expression</i>	3 <i>Present measurement or expression</i>	4 <i>Measurement or expression to be substituted</i>
Paragraph (c) <i>contd.</i> The Shipbuilding (Lifting Appliances etc Forms) Order (Northern Ireland) 1975	Safe working load Proof load Safe working load	over 20 tons up to and including 40 tons 20 tons in excess over 40 tons	over 20 tonnes up to and including 40 tonnes 20 tonnes in excess over 40 tonnes
Schedule, Part III Paragraph (2)(a)	Size of rope	inches	millimetres
Paragraph (3)	Tensile strength of wire	tons* per sq. inch	Newtons per square millimetre
Paragraph (4)(c)	Safe working load	Safe working load*	Safe working load
Footnote	Definition of ton	1 ton = 2,240 lbs	none

(This note is not part of the Regulations.)

These Regulations amend the following Regulations and Order:—

- The Shipbuilding and Ship-repairing Regulations (Northern Ireland) 1971; and
- The Shipbuilding (Lifting Appliances etc. Forms) Order (Northern Ireland) 1975,

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 requirements.