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 STATUTORY INSTRUMENTS
 

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1984 No. 510

HEALTH AND SAFETY

**The Explosives Act 1875 etc. (Metrication and Miscellaneous Amendment) Regulations 1984**

<i>Made</i>	- - - -	<i>3rd April 1984</i>
<i>Laid before Parliament</i>		<i>16th April 1984</i>
<i>Coming into Operation</i>		<i>8th May 1984</i>

The Secretary of State, in exercise of the powers conferred on him by sections 15(1) and (3)(a), 49(1), (2) and (4) and 82(3)(a) of, and paragraphs 1(4), 3 and 4(1) of Schedule 3 to, the Health and Safety at Work etc. Act 1974(a) (“the 1974 Act”) 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 Explosives Act 1875 etc. (Metrication and Miscellaneous Amendment) Regulations 1984 and shall come into operation on 8th May 1984.

(2) In these Regulations “the principal instruments” means—

- (a) the Explosives Act 1875(b),
- (b) the Order in Council (No. 16B) under the Explosives Act 1875, amending Order in Council of October 26 1896 (No. 16), relating to the keeping of Mixed Explosives on Registered Premises(c) (“Order in Council No. 16B”),
- (c) the Packing of Explosive for Conveyance Rules 1949(d),
- (d) the Ammonium Nitrate Mixtures Exemption Order 1967(e), and
- (e) the Orders in Council and orders specified in column 1 of Schedule 1 to these Regulations.

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(a) 1974 c. 37; sections 15 and 49 were amended by the Employment Protection Act 1975 (c. 71), Schedule 15, paragraphs 6 and 15 respectively.

(b) 1875 c. 17.

(c) S.R.&O. 1912/1861, amending S.R.&O. 1896/964.

(d) S.I. 1949/798, to which there are amendments not relevant to these Regulations.

(e) S.I. 1967/1485.

*Amendments to the principal instruments*

2. The provisions of the principal instruments specified in Schedule 1 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.

*Amendments to Order in Council No. 16B and to the Packing of Explosive for Conveyance Rules 1949*

3. Wherever in either—

- (a) Articles (1) to (3) of Order in Council No. 16B which specify the maximum quantity of explosive allowed to be kept on premises registered for the keeping of mixed explosives; or
- (b) the Schedule to the Packing of Explosive for Conveyance Rules 1949 which specifies the methods of packing authorised explosives;

there appears any imperial measurement of weight or distance which is specified in Schedule 2 to these Regulations in column 1, there shall be substituted the metric measurement specified in the corresponding entry in column 2.

*Additional amendments to Order of Secretary of State No. 11*

4. The Order of the Secretary of State (No. 11), dated September 20 1924, making Byelaws as to the Conveyance of Explosives on Roads and in certain special cases<sup>(a)</sup> shall be amended as follows—

- (a) in regulation (*m*) of byelaw 4 (which provides for approval by the Secretary of State of conditions for the conveyance of explosive in certain carriages and boats) by substituting for the words “the Secretary of State” the words “the Health and Safety Executive”;
- (b) in regulation (*p*) of byelaw 4 by substituting for the measurement “8,000 lbs.”<sup>(b)</sup> (which measurement is the maximum amount of explosive to be conveyed in an enclosed carriage otherwise than on a private railway) the measurement “5 tonnes.”

*Amendments to the Ammonium Nitrate Mixtures Exemption Order 1967*

5. Article 2 of the Ammonium Nitrate Mixtures Exemption Order 1967 (which article describes a test by which an explosive is to be a prescribed explosive for the purposes of section 50 of the Explosives Act 1875) shall be amended by substituting for the measurements—

- (a) “12 inches (304.8 millimetres)” the measurement “300 millimetres”;
- (b) “3 inches (76.2 millimetres)” the measurement “75 millimetres”;
- (c) “one gramme” the measurement “1 gram”.

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<sup>(a)</sup> S.R.&O. 1924/1129; the relevant amending instrument is S.I. 1958/230.  
<sup>(b)</sup> Amount substituted by S.I. 1958/230.

*Application to premises and plant in existence or under construction*

6. 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, those premises or that plant shall be deemed to comply with the principal instruments as amended by these Regulations.

*Revocation*

7. The Explosives (Conveyance) (Private Railways) Byelaws 1960(a) are hereby revoked.

Signed by order of the Secretary of State.

*John Selwyn Gummer,*  
Minister of State,  
Department of Employment.

3rd April 1984.

## Regulation 2

## SCHEDULE 1

## AMENDMENTS TO PROVISIONS

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<p><i>EXPLOSIVES ACT 1875</i></p> <p><b>Parts I, II and III</b></p> <p>Section 5: (proviso (1))</p> <p>Section 7</p> <p>Section 16(3)</p> <p>Section 17: General Rule No. (5)</p> <p>Section 22: General Rule No. (2)(a)</p> <p>Section 22: General Rule No. (2)(b)</p> <p>Section 22: General Rule No. (5)</p> <p>Section 24</p> <p>Section 32</p>	<p>Maximum amount of gunpowder to which the section does not apply, if kept for private use and not for sale</p> <p>Area for service of notice on local and harbour authorities</p> <p>Maximum amount of gunpowder to be kept in certain stores</p> <p>Amount of gunpowder below which stores need not have a lightning conductor</p> <p>Maximum amount of gunpowder allowed in certain registered premises</p> <p>Maximum amount of gunpowder allowed in other registered premises— but if in fire-proof safe</p> <p>Amount above which gunpowder shall be kept in a substantial receptacle</p> <p>Designated area deemed to be part of a building</p> <p>Additional quantity of gunpowder allowed in a factory under certain conditions</p> <p>Amount above which gunpowder shall be sold in a substantial receptacle</p>	<p>thirty pounds</p> <p>one mile</p> <p>two tons</p> <p>one thousand pounds</p> <p>two hundred pounds</p> <p>fifty pounds</p> <p>one hundred pounds</p> <p>one pound</p> <p>twenty yards</p> <p>ten hundredweight</p> <p>one pound</p>	<p>15 kilograms</p> <p>1.6 kilometres</p> <p>2,000 kilograms</p> <p>500 kilograms</p> <p>100 kilograms</p> <p>25 kilograms</p> <p>50 kilograms</p> <p>500 grams</p> <p>20 metres</p> <p>500 kilograms</p> <p>500 grams</p>

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Section 46: regulation (1)	Maximum amount of gunpowder allowed in cart-ridge filling room	five pounds	2 kilograms
Section 47: regulation (1)	Maximum amount of gunpowder allowed in certain workshops	one hundred pounds	50 kilograms
Section 48: paragraph (a)	Maximum amount of explosives allowed in small firework factory	one hundred pounds	50 kilograms
Section 48: paragraph (b)	Maximum amount of manufactured fireworks allowed in small firework factory	five hundred pounds	250 kilograms
Section 48: paragraph (c)	Maximum amount of coloured fires or stars allowed in small firework factory	twenty-five pounds	12 kilograms
Section 63	Amount of gunpowder above which a related accident is notifiable in certain cases	half a ton	500 kilograms
<b>First Schedule: Part One</b>			
Regulation (1)	Maximum quantity of gunpowder allowed under mill stones in certain circumstances at one time	fifty pounds	25 kilograms
Regulation (2)	Maximum quantity of gunpowder allowed under press at one time	sixty pounds	30 kilograms
Regulation (3)	Maximum quantity of gunpowder allowed to be granulated at one time	ten hundredweight	500 kilograms
Regulation (4)	Maximum quantity of gunpowder allowed to be dried at one time	twelve hundredweight	600 kilograms
Regulation (5)	Minimum distance between press houses etc. and expense magazines	fifty hundredweight	2,500 kilograms
		forty yards	35 metres

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Regulation (6)	Minimum distance between mill and factory magazine	one hundred and forty yards	125 metres
Regulation (7)	Minimum distance for charcoal from a mill, press or magazine	20 yards	20 metres
<b>First Schedule: Part Two</b> Regulation (2)	Maximum amount of gunpowder allowed in a well constructed store	four thousand pounds	2,000 kilograms
	Maximum amount of gunpowder allowed in other stores	three hundred pounds	150 kilograms
Regulation (3)	Amount of gunpowder in certain stores	three hundred pounds	150 kilograms
	Distance within which store shall be from mine, quarry, etc.	two hundred yards	180 metres
	Minimum distance from house of store	two hundred yards	180 metres
Regulation (5)	Amount of gunpowder in certain stores	three hundred pounds	150 kilograms
	Distance within which store shall be from mine, quarry, etc.	two hundred yards	180 metres
	Minimum distance from house of store	two hundred yards	180 metres
Regulation (6)	Minimum distance from the City of London or Westminster of store	three miles	5 kilometres
	Minimum distance from borough or market town of store	one mile	1.6 kilometres
	Minimum distance from Royal residence of store	two miles	3 kilometres
	Minimum distance from Crown magazine of store	two miles	3 kilometres
	Minimum distance from parish church of store	half a mile	800 metres

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<p><i>Order in Council (No. 1) Classifying Explosives(a)</i> Class 7 (proviso)</p> <p><i>Order in Council (No. 3) relating to Magazines for Explosives other than Gunpowder, whether with or without Gunpowder(b)</i></p> <p>Part II</p> <p>Part III</p>	<p>Maximum quantity of coloured fire composition in deemed "manufactured firework"</p> <p>Maximum amount of gunpowder allowed in cartridge filling room (all references)</p> <p>Maximum amount of other explosive allowed in cartridge filling room</p> <p>Maximum amount of gunpowder allowed in workshop (all references)</p> <p>Maximum amount of other explosive allowed in workshop</p>	<p>one pound</p> <p>5 lbs.</p> <p>5 lbs.</p> <p>100 lbs.</p> <p>100 lbs.(c)</p>	<p>500 grams</p> <p>2 kilograms</p> <p>2 kilograms</p> <p>50 kilograms</p> <p>50 kilograms</p>

(a) 5th August 1875 (Rev. VII, p. 1); the relevant amending instrument is Order in Council (No. 1A) dated December 12th 1891, S.R.&O. 1891 p. 277.

(b) 27th November 1875 (Rev. VII, p. 10); the relevant amending instrument is S.I. 1951/1164.

(c) Amount substituted by S.I. 1951/1164.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<p><i>Order in Council (No. 4) relating to Small Firework Factories</i>(a)</p> <p><b>Part II</b></p> <p>Preamble: paragraph 3</p> <p>Article 4</p> <p>Provisos to Article 4</p> <p>Article 6</p>	<p>Maximum amount of gunpowder to be kept in stores</p> <p>Minimum distance of danger building from other buildings</p> <p>Reduced distance for screened and protected building</p> <p>Exception for certain magazines</p> <p>Distance, greater than which, a factory of Division A shall be from—</p> <p>works of Class 1</p> <p>works of Class 2</p> <p>works of Class 3</p> <p>Royal residences</p> <p>Distance, greater than which, a factory of Division B shall be from—</p> <p>works of Class 1</p> <p>works of Class 2</p> <p>works of Class 3</p> <p>Royal residences</p>	<p>two tons</p> <p>25 yards</p> <p>12 yards</p> <p>25 yards</p> <p>25 yards</p> <p>50 yards</p> <p>50 yards</p> <p><math>\frac{1}{4}</math> mile</p> <p><math>\frac{1}{2}</math> mile</p> <p>50 yards</p> <p>100 yards</p> <p><math>\frac{1}{2}</math> mile</p> <p>1 mile</p>	<p>2,000 kilograms</p> <p>25 metres</p> <p>12 metres</p> <p>25 metres</p> <p>25 metres</p> <p>50 metres</p> <p>400 metres</p> <p>800 metres</p> <p>50 metres</p> <p>100 metres</p> <p>800 metres</p> <p>1.6 kilometres</p>

(a) 27th November 1875 (Rev. VII, p. 14), to which there are amendments not relevant to these Regulations.



## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Article 7	<p>Maximum quantities in a factory of Division A of— explosives coloured fires or stars manufactured fireworks</p> <p>Maximum quantities in a factory of Division B of— explosives coloured fires or stars manufactured fireworks</p>	<p>50 lbs. 25 lbs. 150 lbs.</p> <p>100 lbs. 25 lbs. 500 lbs.</p>	<p>25 kilograms 12 kilograms 75 kilograms</p> <p>50 kilograms 12 kilograms 250 kilograms</p>
<p><b>Part III</b> General Rule No. 6</p>	<p>Minimum distance between fire and danger building Reduced distance for screened and protected building</p>	<p>25 yards 12 yards</p>	<p>25 metres 12 metres</p>
General Rule No. 20	Maximum quantities in a danger building of— explosives manufactured fireworks manufactured fireworks during packing	<p>25 lbs. 50 lbs. 100 lbs.</p>	<p>12 kilograms 25 kilograms 50 kilograms</p>

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<p><i>Order in Council (No. 6) relating to Stores Licensed for Mixed Explosives</i>(a)</p> <p><b>Part I</b></p> <p>Preamble: paragraph 3</p> <p>Article 3(2)(a)</p> <p>Article 3(2)(b)</p> <p>Article 3(2)(c)</p> <p>Article 3(2)(d)</p>	<p>Maximum amount of gunpowder to be kept in stores</p> <p>Distance in excess of which store of Division A shall be from— works of Class 1 works of Class 2</p> <p>Distance in excess of which store of Division B shall be from— works of Class 1 works of Class 2</p> <p>Distance in excess of which store of Division C shall be from— works of Class 1 works of Class 2</p> <p>Distance in excess of which store of Division D shall be from— works of Class 1 works of Class 2</p>	<p>two tons</p> <p>75 feet 85 feet</p> <p>75 feet 130 feet</p> <p>146 feet 292 feet</p> <p>230 feet 460 feet</p>	<p>2,000 kilograms</p> <p>23 metres 26 metres</p> <p>23 metres 40 metres</p> <p>45 metres 89 metres</p> <p>70 metres 140 metres</p>

(a) 27th November 1875 (Rev. VII, p. 26), the relevant amending instrument is S.I. 1951/1163.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Article 3(2)(e)	Distance in excess of which store of Division E shall be from— works of Class 1 works of Class 2	352 feet 704 feet	110 metres 215 metres
Proviso (i) to Article 3(2)	Exempted workshops not regarded as protected works— maximum quantity of explosive distance in excess of which the workshop is from store etc.	100 lb. 75 feet	50 kilograms 23 metres
Proviso (ii) to Article 3(2)	Railways not regarded as protected works— minimum distance from store	75 feet	23 metres
Proviso (iii) to Article 3(2)	distance within which locomotive is from store	150 feet	46 metres
Article 3(4)	Minimum thickness of earth mound screening store	3 feet	1 metre
Article 3(5)	Maximum quantity permitted in Division A store— (a) general explosive (b) certain ammunition	150 lb. 700 lb.	75 kilograms 320 kilograms
Article 3(6)	Maximum quantity permitted in Division B store— (a) general explosive (b) certain ammunition	300 lb. 4,000 lb.	150 kilograms 1,800 kilograms
Article 3(7)	Maximum quantity permitted in Division C store— (a) general explosive (b) certain ammunition	1,000 lb. 20,000 lb.	450 kilograms 9,000 kilograms
	Maximum quantity permitted in Division D store— (a) general explosive (b) certain ammunition	2,000 lb. 20,000 lb.	900 kilograms 9,000 kilograms

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Article 3(8)	Maximum quantity permitted in Division E store— (a) general explosive (b) certain ammunition	4,000 lb. 20,000 lb. pound	1,800 kilograms 9,000 kilograms kilogram
Article 3(9)	Ratio of reduction in quantity of general explosive to permitted additional quantity of fireworks	4 lb. 75 feet(a)	4 kilograms 25 metres
Article 5 Part III	Distance between store and workshop Maximum amount of gunpowder allowed in cart- ridge filling room (all references) Maximum amount of other explosive allowed in cartridge filling room	5 lbs. 5 lbs.	2 kilograms 2 kilograms
Part IV	Maximum amount of gunpowder allowed in work- shop (all references) Maximum amount of other explosive allowed in workshop	100 lbs. 100 lb.(a)	50 kilograms 50 kilograms
<i>Order in Council (No. 9) relating to the Sale of Explosive(b)</i> Preamble	Amount above which gunpowder must be sold in a substantial receptacle	1 lb.	500 grams
Article 1	Maximum amount of other explosive which may be sold if not in a substantial receptacle	1 lb.	500 grams
Proviso (a) to Article 1	Maximum amount of gunpowder etc. in an amount of explosive of Class 6 Division 1 which may be sold if not in a substantial receptacle	5lbs.	2 kilograms

(a) Amount substituted by S.I. 1951/1163.

(b) 27th November 1875 (Rev. VII, p. 39).

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Proviso (b) to Article 1  <i>Order in Council (No. 11) respecting Notice to be given of Accidents connected with the Conveyance of Explosives other than Gunpowder (a)</i>  <i>Order in Council (No. 12 to replace No. 8) relating to the Keeping of Explosive for Private Use and not for Sale(b)</i>	Maximum amount of explosive of Class 7 Division 2 which may be sold if not in a substantial receptacle  Amount of gunpowder above which a related accident is notifiable in certain cases Amount of other explosive above which a related accident is notifiable in certain cases	5 lbs.  half a ton  200 lbs.	2 kilograms  500 kilograms  100 kilograms
Preamble Article (2)(a)	Maximum amount of gunpowder for private use Maximum amount of gunpowder in small arms cartridges to which exception applies	30 lbs.  five pounds	15 kilograms  2 kilograms
Article (2)(c)  Article (3)(a)	Maximum amount of fireworks to which exception applies in certain cases Maximum amount of explosive which may be specified in certificate	five pounds  ten pounds	2 kilograms  5 kilograms
Schedule	Maximum amount of explosive specified in certificate	ten pounds	5 kilograms

(a) 27th November 1875 (Rev. VII, p. 42).

(b) 20th April 1883 (Rev. VII, p. 43), to which there are amendments not relevant to these Regulations.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<i>Order in Council (No. 16) repealing and consolidating the previous Orders relating to Premises registered for Mixed Explosives(a)</i>			
<b>Part I</b> General Rule No. 2(5)	Amount above which certain explosives must be kept in closed bag or case Amount of certain explosives above which packages may not be opened on registered premises Maximum amount of certain explosives which a package opened for immediate use may contain Maximum amount of gunpowder in cartridge filling room (all references) Maximum amount of small-arm nitro-compound in cartridge filling room	1 lb. 1 lb. 5 lbs. 5lbs. 5 lbs.	500 grams 500 grams 2 kilograms 2 kilograms 2 kilograms
<b>Part IV</b>  <i>Order in Council (No. 16A) varying the Order in Council (No. 16) of October 26 1896, relating to Premises registered for Mixed Explosives(b)</i> Preamble	Maximum quantity of fireworks, Mode A Maximum quantity of fireworks, Mode B	200 lbs. 50 lbs.	100 kilograms 25 kilograms

(a) S.R.&amp;O. 1896/964, to which there are amendments not relevant to this Schedule.

(b) S.R.&amp;O. 1906/380.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Article 1	Maximum weight for "Shop Goods" Mines, Jack-in-the-boxes and Feu de Joie	2 lbs.	1 kilogram
Article 2	Maximum weight for "Shop Goods" Maroons	4 ozs.	100 grams
	Maximum length for "Shop Goods" Chinese Crackers	4 inches	100 millimetres
	Ratio of "Shop Goods" to manufactured fireworks	two pounds (2 lbs.) one pound (1 lb.)	2 kilograms 1 kilogram
<i>Order in Council (No. 26) relating to Picric Acid, Picrates and Mixtures of Picric Acid with other Substances(a)</i>	Maximum quantity of picric acid not deemed to be an explosive	1 lb.	500 grams
<i>Order in Council (No. 27) (The Explosives (Di-nitro-phenol and Di-nitro-phenolate) Order 1927)(b)</i>	Maximum quantity of di-nitro-phenol to which the Order does not apply	5lb.	2 kilograms
<i>Order in Council (No. 28) (The Sale of Explosives Order 1928)(c)</i>	Amount of explosive which must be exceeded in a certificate of a Chief Officer of Police	ten pounds	5 kilograms

(a) S.R.&amp;O. 1926/823.

(b) S.R.&amp;O. 1927/594.

(c) S.R.&amp;O. 1928/245, to which there are amendments not relevant to these Regulations.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<i>Order in Council (No. 30) prohibiting the Manufacture, Importation, Keeping, Conveyance or Sale of Acetylene when an Explosive as defined by the Order(a)</i>	Pressure above which acetylene is deemed to be an explosive	nine pounds to the square inch	620 millibars
First provision	Maximum pressure of acetylene used in the production of organic compounds	(three hundred pounds per square inch twenty-two pounds per square inch	21 bars 1.5 bars
Proviso (1)(a)	Maximum pressure of acetylene in any other case	twenty-two pounds to the square inch	1.5 bars
Proviso (1)(b)	Maximum pressure at which acetylene in admixture with oil-gas is deemed not to be an explosive	one hundred and fifty pounds to the square inch	10 bars
<i>Order of Secretary of State (No. 5), dated March 28 1898, relating to Compressed Acetylene in Admixture with Oil-Gas(b)</i>			

(a) S.R.&amp;O. 1937/54; the relevant amending instrument is S.R.&amp;O. 1947/805.

(b) S.R.&amp;O. 1898/248.



## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
<p><i>Order of Secretary of State (No. 5A), dated September 29 1905, relating to Compressed Acetylene in Admixture with Oil-Gas</i><b>(a)</b> Condition 4</p>	<p>Maximum pressure at which acetylene in admixture with oil-gas is deemed not to be an explosive</p>	<p>one hundred and fifty pounds per square inch</p>	<p>10 bars</p>
<p><i>Order of Secretary of State (No. 9), dated June 23 1919, relating to Compressed Acetylene contained in a Porous Substance</i><b>(b)</b> Condition (6)</p>	<p>Maximum pressure in a cylinder of acetylene</p> <p>Related temperature</p> <p>Volume of certain cylinders</p> <p>Maximum pressure to which such cylinders may be charged</p> <p>Related temperature</p>	<p>two hundred and twenty-five pounds to the square inch</p> <p>sixty degrees Fahrenheit</p> <p>one cubic foot</p> <p>one hundred and fifty pounds to the square inch</p> <p>sixty degrees Fahrenheit</p>	<p>15.5 bars</p> <p>15 degrees Celsius</p> <p>30 litres</p> <p>10 bars</p> <p>15 degrees Celsius</p>
<p>Proviso to condition (6)</p>			

**(a)** S.R.&O. 1905/1128.

**(b)** S.R.&O. 1919/809, to which there are amendments not relevant to these Regulations.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Condition (7)	Volume of certain cylinders Maximum pressure allowed in such cylinders	one cubic foot two hundred and twenty-five pounds to the square inch	30 litres
Condition (11)	Volume of cylinders required to have certain markings	one cubic foot	15.5 bars 30 litres
<i>Order of Secretary of State (No. 11), dated September 20 1924, making Byelaws as to the Conveyance of Explosives on Roads and in certain special cases</i> (a) Byelaw 1(b)	Amount below which explosive may be conveyed in a passenger-carrying carriage or boat	5 lbs.	2 kilograms
Byelaw 2: paragraph (a) of the proviso	Minimum space between case and outer package of detonators	three inches	75 millimetres
Byelaw 2: paragraph (b) of the proviso	Minimum thickness of soft material for outer packages of electric detonators	half an inch	13 millimetres
Byelaw 4	Quantity of certain explosives above which byelaw applies	5 lbs.	2 kilograms
Byelaw 4: regulation (k)	Maximum quantity of explosive which may be carried with flammables etc.	50 lbs.	25 kilograms

(a) S.R.&amp;O. 1924/1129; relevant amending instruments are S.R.&amp;O. 1943/1252 and S.I. 1960/1347.

(b) Byelaw substituted by S.R.&amp;O. 1943/1252.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Byelaw 4: regulation (l)	Quantity of explosive above which delay in conveyance is not allowed	100 lbs.	50 kilograms
Byelaw 4: regulation (m)	Quantity of explosive above which precautions must be taken against the introduction of fire-producing objects etc.	100 lbs.	50 kilograms
Byelaw 4: regulation (n)	Quantity of explosive above which personnel must be acquainted with byelaws	100 lbs.	50 kilograms
Byelaw 4: regulation (o)	Quantity of explosive which when exceeded during conveyance in towns and villages must be attended by a competent person	100 lbs.	50 kilograms
Byelaw 4: regulation (p)	Quantity of explosive which when exceeded elsewhere must be attended by a competent person where Maximum quantity of explosive to be conveyed in a carriage or boat with unprotected stowage Maximum quantity of explosive to be conveyed on a private railway in an enclosed carriage Maximum quantity of explosive to be conveyed in any one boat with a close deck Maximum calibre of quick firing ammunition Limit that may be exceeded by non-communicating explosives Maximum quantity of non-communicating explosives allowed in one carriage	1,000 lbs. 2,000 lbs. 16,000 lbs.(a) 50,000 lbs. 3-inch 2,000 lbs. 10,000 lbs.	500 kilograms 1 tonne 8 tonnes 25 tonnes 77 millimetres 1 tonne 5 tonnes

(a) Amount substituted by S.I. 1960/1347.

## AMENDMENTS TO PROVISIONS—(cont.)

1 Provisions to be amended	2 Subject-matter of measurement	3 Present measurement	4 Substituted measurement
Byelaw 4: regulation (g) <i>The Control of Explosives Order</i> 1953(a) Schedule	Minimum distance between carriages or boats containing explosive	50 yards	50 metres
<i>The Keeping of Fireworks Order</i> 1959(b) Article 3(2) Schedule	Quantity of gunpowder specified in licence and the endorsement thereon Quantity of safety-fuze specified in licence and the endorsement thereon	pounds pounds	kilograms kilograms
	Quantity of fireworks kept in Mode B above which a closed metal container shall be used Maximum quantity of fireworks to be kept in any one container Maximum quantity of "Shop Goods"—Mode A Maximum quantity of explosive of Class 6 Division 1—Mode A Maximum quantity of "Shop Goods"—Mode B Maximum quantity of explosive of Class 6 Division 1—Mode B Maximum quantity of explosives in room to which the public have access etc.	one hundred pounds one hundred pounds 2,000 lbs. 500 lbs. 500 lbs. 500 lbs. 100 lbs.	50 kilograms 50 kilograms 1,000 kilograms 250 kilograms 250 kilograms 250 kilograms 50 kilograms

(a) S.I. 1953/1598, to which there are amendments not relevant to these Regulations.

(b) S.I. 1959/1311.

## SCHEDULE 2

## Regulation 3

TABLE OF METRIC EQUIVALENTS FOR AMENDING ORDER IN COUNCIL NO. 16B(a)  
AND THE PACKING OF EXPLOSIVE FOR CONVEYANCE RULES 1949(b)

1 Present measurement	2 Substituted measurement
1 lb./pound	500 grams
2 lb./two pounds	1 kilogram
5 lb.	2 kilograms
15 lb(s).	7 kilograms
20 lb.	10 kilograms
25 lb.	12 kilograms
50 lb(s).	25 kilograms
60 lbs.	30 kilograms
100 lb.	50 kilograms
120 lb.	60 kilograms
200 lb(s).	100 kilograms
500 lbs.	250 kilograms
0.5 inch	13 millimetres
3 inches	75 millimetres

(a) S.R.&O. 1912/1861, amending S.R.&O. 1896/964.

(b) S.I. 1949/798, to which there are amendments not relevant to these Regulations.

## EXPLANATORY NOTE

*(This Note is not part of the Regulations.)*

These Regulations amend the Explosives Act 1875 and various Orders in Council, orders and rules made thereunder or otherwise relating to explosives, by substituting measurements expressed in metric units for measurements not so expressed. The measurements thus substituted preserve the effect of the original provisions except to the extent necessary to obtain amounts expressed in convenient and suitable terms. (Regulations 2 and 3.)

Order of Secretary of State No. 11 is amended so as to provide for the approval by the Health and Safety Executive (rather than the Secretary of State as previously) of conditions for the conveyance of explosive in certain carriages and boats and so as to increase the maximum amount of explosive that may be conveyed in an enclosed carriage, otherwise than on a private railway, from 8,000 lbs. to 5 tonnes. (Regulation 4.)

Article 2 of the Ammonium Nitrate Mixtures Exemption Order 1967, relating to a test for prescribed explosives, is modified so that imperial units are omitted and the metric equivalents are expressed in more convenient terms. (Regulation 5.)

Regulation 6 provides that premises or plant in existence or under construction immediately before the coming into operation of these Regulations which complied with the then existing statutory requirements shall be deemed to comply with such statutory requirements as amended by these Regulations.

The Explosives (Conveyance) (Private Railways) Byelaws 1960 are revoked by Regulation 7.

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