STATUTORY INSTRUMENTS

1977 No. 889

EXPLOSIVES

The Conveyance by Rail of Military Explosives Regulations 1977

Made - - - - 23*rd May* 1977
Coming into Operation 1*st July* 1977

The Secretary of State, after consultation with the Health and Safety Commission, under Section 50(1) of the Health and Safety at Work, etc. Act 1974(**a**) (as amended by paragraph 16 of Schedule 15 of the Employment Protection Act 1975(**b**)) and in exercise of the powers conferred by the provisions of section 97(5) of the Explosives Act 1875(**c**), as extended by section 2 of, and paragraph 4 of Schedule 2 to, the Emergency Laws (Miscellaneous Provisions) Act 1947(**d**) and of the powers conferred by the said provisions (extended as aforesaid) as the same have effect by virtue of the Visiting Forces and International Headquarters (Application of Law) Order 1965(**e**), and all other powers enabling him in that behalf, hereby makes the following Regulations.

Citation, Commencement and Revocation

1.—(1) These Regulations may be cited as the Conveyance by Rail of Military Explosives Regulations 1977 and shall come into operation on 1st July 1977.

(2) The Conveyance by Rail of Military Explosives Regulations 1969(**f**) and the Conveyance by Rail of Military Explosives (Amendment) Regulations 1972(**g**) are hereby revoked.

(3) Where any conveyance of military explosives has been commenced before the date of the coming into operation of these Regulations and has not been completed by that date, those explosives may be conveyed for the rest of that conveyance either in accordance with these Regulations, or in accordance with the provisions of the said revoked Regulations.

Scope

2. These Regulations apply to the conveyance by rail in Great Britain and Northern Ireland of:

(*a*) any explosive—

(i) which, not being under the control of the Secretary of State, is otherwise held for the service of the Crown for the purposes of the Ministry of Defence;

(ii) the conveyance of which is certified by the Secretary of State to be in connection with the execution of a contract with the Secretary of State; and

(*b*) any explosive—

(i) which, not being under the control of a headquarters or of the service authorities of a visiting force, is otherwise held for the service of a headquarters or of a visiting force; or

(**a**) 1974 c. 37. (**b**) 1975 c. 71. (**c**) 1875 c. 17.
(**d**) 11 and 12 Geo. 6, c. 10. (**e**) S.I. 1965/1536 (1965 II, p. 4462).
(**f**) S.I. 1969/19 (1969 I, p. 42). (**g**) S.I. 1972/1503 (1972 II, p. 4425).

(ii) the conveyance of which is certified by the Secretary of State to be in connection with the execution of a contract with a headquarters or of a contract with the service authorities of a visiting force; and in these Regulations "military explosive" means any explosive specified in sub-paragraph (*a*) or (*b*) above, "Government explosive" means any explosive specified in sub-paragraph (*a*) above and "explosive of a headquarters or a visiting force" means any explosive specified in sub-paragraph (*b*) above.

Interpretation

3.—(1) The Interpretation Act 1889(**a**) shall apply for the interpretation of these Regulations as it applies for the interpretation of an Act of Parliament.

(2) In these Regulations, except where the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them that is to say:

"approved ISO freight container" in any provision, means a metallic freight container which may be lined with wood to the standard specified by the International Standards Organisation and approved for the purposes of that provision by the railway authority and by one of the following namely the Secretary of State, a headquarters, or the service authorities of a visiting force;

"approved metallic container" in any provision, means a metallic container of a type for the time being approved for the purposes of that provision by the railway authority and by one of the following, namely: the Secretary of State, a headquarters, or the service authorities of a visiting force;

"authorised representative", in the application of these Regulations to the conveyance of any military explosive, means a person duly authorised;

(*a*) by the responsible authority; or

(*b*) in default of an authorisation by the responsible authority (where the explosive is an explosive of a headquarters or a visiting force), by the Secretary of State

to do anything in connection with such conveyance which an authorised representative is required or authorised to do by these Regulations;

"Class" in any provision means Class 1 in respect of explosives or the classification of dangerous goods contained in the Recommendations prepared by the United Nations Committee of Experts on the Transport of Dangerous Goods.

"Compatibility Group" in any provision means one of the 12 compatibility groups in Class 1 of the United Nations classification of dangerous goods;

"conveyance" means conveyance by rail in any vehicle, and the expressions "convey" and "conveyed" shall be construed accordingly;

"Division" in any provision means one of the five divisions into which Class 1 of the United Nations classification of dangerous goods is divided;

"fire fighting division" means one of the four divisions into which military explosives have been divided according to their behaviour when involved in a fire;

(a) 1889 c. 63.

"headquarters" means an international headquarters or defence organisation set up in pursuance of any arrangements for common defence to which Her Majesty's Government in the United Kingdom are a party being a headquarters or defence organisation on or in relation to which the exemptions and immunities contained in section 97 of the Explosives Act 1875, as extended by paragraph 4 of Schedule 2 to the Emergency Laws (Miscellaneous Provisions) Act 1947, are for the time being conferred by virtue of the provisions of Article 12 of, and Schedule 3 to, the Visiting Forces and International Headquarters (Application of Law) Order 1965;

"military explosive", "Government explosive" and "explosive of a headquarters or a visiting force" have the meanings respectively assigned to them by Regulation 2 hereof;

"railway authority" means, in relation to the conveyance of any military explosive:

(*a*) where the conveyance is by any railway which forms part of the undertaking of the British Railway Board, that Board; and

(*b*) where the conveyance is by any other railway, the person or body carrying on the railway undertaking concerned;

"responsible authority" means:

(*a*) in relation to the conveyance of any Government explosive the Secretary of State; and

(*b*) in relation to the conveyance of any explosive of a headquarters or a visiting force—

(i) where the conveyance is not one which has been certified as hereinafter mentioned, the headquarters or, as the case may be the service authorities of the visiting force, for the service of which that explosive is held, and

(ii) where the conveyance has been certified by the Secretary of State to be in connection with the execution of a contract with a headquarters or of a contract with the service authorities of a visiting force, that headquarters or, as the case may be, those service authorities;

"Secretary of State" means the Secretary of State for Defence;

"Service authorities" means naval, military, air force or Ministry of Defence (Procurement Executive) authorities;

"vehicle" means any railway wagon, railway van, railway truck, railway carriage or other vehicle constructed or adapted for running on a railway; and

"visiting force" means any body, contingent or detachment of the forces of any country, being a body, contingent or detachment on or in relation to which the exemptions and immunities contained in section 97 of the Explosives Act 1875, as extended by paragraph 4 of Schedule 2 to the Emergency Laws (Miscellaneous Provisions) Act 1947, are for the time being conferred by virtue of the provisions of Article 12 of, and Schedule 3 to, the Visiting Forces and International Headquarters (Application of Law) Order 1965.

(3) Any reference in these Regulations to the weight of any explosive shall be construed as a reference to the net weight of the explosive substance therein contained (excluding any envelope, case or contrivance forming part of the explosive).

(4) Any reference in these Regulations to a covered van shall include a reference to a covered railway container (not being the container specified in Regulation 8 (5)) carried in an open truck; and, for the purposes of these Regulations, any explosive conveyed in such a container shall be treated as being conveyed in a covered van, and not as being conveyed in an open truck, and any such container shall be treated as part of the vehicle in which it is carried.

Classification of explosives

4. For the purpose of these Regulations, military explosives are assigned a hazard classification code, each comprising two numbers corresponding to the Class and Division, and a letter indicating the Compatibility Group, as described in Schedule 1 to these Regulations. Schedule 2 to these Regulations contains descriptions of explosive substances or articles, with their Class, Division, Serial Numbers and Compatibility Groups, and references in these Regulations to military explosives belonging to a Class or Division described by a number, or a Compatibility Group described by a letter should be construed by reference to that schedule.

Preliminary Notice

5.—(1) Except as otherwise provided in this Regulation, no person shall consign for conveyance any consignment of military explosives unless at least forty-eight hours' notice (or such shorter notice as the railway authority may in relation to a specific consignment accept) has been given by the authorised representative to the railway authority of the intention to consign the explosives for conveyance and descriptions, quantities and hazard classification codes of the explosives in the consignment.

(2) The provisions of paragraph (1) of this Regulation shall not apply to samples of explosives conveyed by passenger train in accordance with the requirements of Regulation 7(4) hereof.

(3) No person shall consign for conveyance by passenger train any explosives belonging to Compatibility Group S, unless before the conveyance begins the authorised representative has notified the consignee of the time of arrival and has ascertained that the consignee will meet the train on its arrival and will remove the explosives forthwith.

Packing and Marking

6.—(1) Except as otherwise provided in this Regulation, where a military explosive is packed for conveyance that explosive shall not be conveyed in any vehicle unless the package containing it complies with the following requirements, that is to say:

(*a*) each package shall bear a label indicating that the explosive in the package is a military explosive, and stating the hazard classification to which the explosive in the package belongs;

(*b*) the package shall be sealed and the seal on it shall be one which, in accordance with instructions issued by the responsible authority, is put on packages containing explosives to indicate that they have been properly packed for conveyance;

(*c*) each package shall be marked with the Service designation or authorised short name of the explosive, and the United Nations Serial Number.

(2) The provisions of paragraph (1)(*a*) of this Regulation shall not apply to military explosives belonging to Compatibility Group S which are to bear a stencil label or brand stating SAFETY EXPLOSIVE (1.4S) and military explosives on a pallet which are to bear a label as required by paragraph (1)(*a*) of this Regulation on each of the four vertical faces of the pallet load.

(3) The provisions of paragraph (1) of this Regulation shall not apply to samples of explosives conveyed by passenger train in accordance with the requirements or Regulation 7(3) hereof.

(4) Where an explosive is not required to be packed for conveyance, that explosive shall bear a mark or label stating its identity.

Trains

7.—(1) Except as otherwise provided in this Regulation, military explosives shall be conveyed only by freight train.

(2) Explosives belonging to Compatibility Group S may be conveyed either by passenger train or by freight train.

(3) Samples of explosives may be conveyed by passenger train if they are carried on the person or in the hand luggage of—

(i) a servant of the Crown in the service of the Ministry of Defence, or

(ii) a member or person employed in the service of a headquarters or a visiting force,

and the following requirements are complied with, that is to say:

(*a*) before starting his journey, the person carrying the sample (in this paragraph referred to as "the passenger") shall be in possession of two copies of a permit issued in respect of that journey and signed personally (not stamped) by an officer of the responsible authority who is authorised to sign such permits (a list of all such authorised officers being from time to time notified to the railway authority by the Secretary of State, each headquarters and the service authorities of visiting forces);

(*b*) the permit shall be in a form which has been notified to the railway authority by the Secretary of State and which states the description of the explosives to be carried and the date on which, the route by which, and the railway stations to and from which the passenger will travel;

(*c*) the passenger shall hand one copy of the permit to the booking clerk at the station from which the journey begins when obtaining his railway ticket, he shall carry the other copy of the permit with him on his journey and produce it for inspection when required by any servant of the railway authority to do so, he shall give it up when he completes his journey and he shall in all respects comply with the terms of the permit;

(*d*) the explosives shall be so packed and handled, and all such other proper precautions shall be taken, as to reduce so far as practicable the risk of accident;

(*e*) the explosives shall throughout the conveyance be kept in the compartment in which the passenger is travelling and shall be constantly attended by him;

(*f*) the quantity of the explosives conveyed shall not exceed the amount which can be conveniently carried on the person or in the hand luggage of a passenger; and

(*g*) the explosives shall not consist of explosives belonging to Compatibility Group A.

(4) Regulations 8 to 14 inclusive hereof shall not apply to any conveyance of military explosives by passenger train under paragraph (2) or (3) of this Regulation, or to anything connected with any such conveyance.

(5) Notwithstanding any of the foregoing provisions of this Regulation, no explosive shall, except as provided in paragraph (6) of this Regulation, be conveyed on any London Transport railway, that is to say:

(*a*) on any railway the operation of which forms part of the passenger transport services provided by the London Transport Board; or

(*b*) on the railway in London (known as the City Widened Lines) which runs between King's Cross (York Road), St. Pancras and Moorgate.

(6) The prohibition contained in the last foregoing paragraph shall not apply to the conveyance of explosives by passenger train on the line between Harrow South Junction and Amersham (including the Chesham Branch), if the train is one run otherwise than as part of the passenger transport services provided as aforesaid by the London Transport Board.

Vehicles

8.—(1) The normal means of conveyance shall be in a covered van but when the articles are large or are normally conveyed unpackaged then an open truck may be used at the discretion of the consignor. Certain explosives in Compatibility Group L shall be conveyed only in gunpowder vans in accordance with Regulation 13.

(2) Only vehicles which are of sound construction and in good condition shall be used for the conveyance of military explosives.

(3) Vehicles which have doors in the floor shall not be used for the conveyance of military explosives.

(4) Vehicles fitted with end doors shall not be used for the conveyance of military explosives unless approved for the purpose by the railway authority.

(5) Freight containers meeting the dimensions of the International Standards Organisation and approved for the conveyance of military explosives may be used for that purpose subject to agreement of the railway authority.

(6) Vehicles containing military explosives shall, before conveyance begins, be made secure and shall throughout the conveyance be kept secure as follows:—

(*a*) gunpowder vans shall be secured by hoop seals on both sides;

(*b*) covered vans shall be secured by hoop seals on both sides; and

(*c*) freight containers shall be secured by hoop seals;

(*d*) open trucks shall be covered with sheets properly stretched over them and securely fastened with sheet ties, except where the size and structure of the explosives are such that sheeting would be difficult and would also be unnecessary for their protection.

Segregation

9.—(1) Except as provided in paragraphs (2), (3) and (4) of this Regulation, no military explosive shall be conveyed in any vehicle together with any other article or substance.

(2) When an article comprises inert or explosive components, although packed separately, both or all of them may be conveyed in the same vehicle.

(3) Military explosives belonging to Compatibility Group S may be conveyed along with other military freight including articles or substances classified by the railway authority as dangerous goods in a covered van, or an ISO freight container.

(4) Military explosives other than those specified in paragraph (3) of this Regulation, may be conveyed along with ordinary freight traffic in a vehicle not containing any article or substance classified by the railway authority as dangerous goods, provided that such explosives are suitably packed in approved metallic containers.

(5) None of the provisions of Regulations 11 and 12, except Regulation 11(1)(*g*) so far as material, shall apply to any conveyance which falls within paragraph (3) of this Regulation or to anything connected with any such conveyance.

(6) Except as provided by paragraph (7) of this Regulation, there shall not be loaded into any one vehicle explosives belonging to more than one compatibility group.

(7) The exceptions given to paragraph (6) of this Regulation are:

(*a*) any explosives belonging to Compatibility Groups C, D and E may be loaded together in the same vehicle;

(*b*) any explosives belonging to Compatibility Group S may be loaded with explosives belonging to any other compatibility group with the exception of Compatibility Groups A and L;

(*c*) any explosives belonging to Compatibility Group B provided they are suitably packed in approved metallic containers may be loaded in the same vehicle as explosives belonging to Compatibility Groups C, D, E, F, G, H, J and K;

(*d*) any explosive articles belonging to Compatibility Group B, provided they have protective features to prevent accidental detonation in transport, may be loaded in the same vehicle as explosives belonging to Compatibility Groups C, D, E and G.

Weight Limits and Marshalling

10.—(1) Where a train comprises vehicles containing military explosives which belong to Hazard Division 1.1 or are deemed to belong to Hazard Division 1.1 under paragraph (2) of this Regulation the maximum weight of explosives which may be conveyed at one time in the vehicles is 40 tonnes of explosive.

(2) When a vehicle contains explosives belonging to Hazard Division 1.1 and explosives belonging to either Hazard Division 1.2 or 1.3 or both then the hazard division of all the explosives in the vehicle will be deemed to belong to Hazard Division 1.1 for the purposes of paragraph (1) of this Regulation.

(3) In applying paragraph (1) of this Regulation explosives belonging to Hazard Division 1.4 shall be disregarded.

(4) Where a train comprises vehicles containing military explosives it shall not comprise any vehicle which requires to be labelled as containing a highly inflammable liquid, an inflammable liquid, or a gas, whether compressed, liquefied or dissolved under pressure (with the exception of deeply refrigerated carbon dioxide), or any tank vehicle containing white or yellow phosphorus

or high test hydrogen peroxide unless such vehicle is separated from any other vehicle containing explosives by at least two covered vehicles, the combined length of which is not less than 18 metres, which are either empty, or contain only goods not classified by the railway authority as dangerous.

(5) In applying paragraph (4) of this Regulation discharged tank vehicles having contained inflammable liquids with a flash point between 23°C and 61°C shall be disregarded.

Loading, Unloading and Conveyance

11.—(1) The following provisions shall, subject as hereinafter provided, apply to the conveyance in any vehicle and to the loading and unloading into and out of any vehicle of military explosives:

(*a*) loading or unloading on premises which are under the control of the railway authority shall only be carried out with the consent of that authority and of any other person whose consent is made requisite by any other Regulations made under section 97(5) of the Explosives Act 1875;

(*b*) the vehicle shall be swept clean before loading begins;

(*c*) subject to sub-paragraph (*a*) of this paragraph, when loading or unloading has begun it shall as far as is possible be carried through to completion with diligence and despatch; if for any reason loading or unloading cannot be completed in one operation the load shall be secured and the vehicle resealed in accordance with Regulation 8(6);

(*d*) Loading and unloading shall be carried out under the supervision of the authorised representative and shall not begin until he has inspected both the vehicle and either the explosives or, where they are in a package, the package containing them;

(*e*) every person loading or unloading a gunpowder van shall, when inside the van, wear magazine boots or shoes;

(*f*) no person shall smoke while loading or unloading, or at any time while within twenty metres of explosives being handled;

(*g*) explosives shall be carefully handled during loading and unloading and shall be properly stowed in the vehicle and secured so as to prevent movement in transit;

(*h*) if in the course of conveyance, loading or unloading, any explosive or any package containing explosive, or the seal of any such package, appears to be damaged, the explosive or package, as the case may be, (including any undamaged contents of any such package) shall be set aside for examination by the authorised representative and shall be dealt with in such manner as he may specify;

(*i*) any explosive which in the course of conveyance, loading or unloading escapes from any package shall be carefully collected and dealt with in such manner as the authorised representative may specify;

(*j*) the authorised representative shall ensure that any explosive or package which is set aside or collected in accordance with the provisions of the last two foregoing sub-paragraphs, shall be dealt with or disposed of safely;

(*k*) explosives shall be removed from the premises of the railway authority as soon as practicable after they have arrived at their destination;

(*l*) no intoxicated person shall be allowed to enter the vehicle, or to approach or remain near to the vehicle or the explosives, while loading or unloading is being carried out; and

(*m*) without prejudice to any of the foregoing provisions of this regulation, all persons taking part in the loading, unloading or conveyance of explosives shall at all times observe all due precautions for the prevention of accidents by fire or explosion, and for preventing unauthorised persons from having access to the explosives, and shall abstain from, and shall take all necessary steps to prevent any other person from doing, any act whatever which tends to cause fire or explosion and is not reasonably necessary for the purpose of the loading, unloading or conveyance of the explosives or of any other article carried therewith.

(2) Where at any time in the course of conveyance it becomes necessary to transfer explosives from one vehicle to another during a journey, then:

(*a*) the presence of the authorised representative and the supervision and preliminary inspection by him, prescribed by paragraph (1)(*d*) of this Regulation will always be necessary and the railway authority shall notify the authorised representative that a transfer of military explosives is to take place and that his presence is required;

(*b*) the wearing of magazine boots or shoes, as prescribed by paragraph (1)(*e*) of this Regulation, shall only be necessary if the authorised representative supervising the operations so directs.

Labelling

12.—(1) Except as hereinafter provided, every vehicle containing military explosives shall bear on each side, in a conspicuous position, a wagon label (supplied by the responsible authority) indicating the hazard division to which the explosives therein belong.

(2) Where explosives of more than one hazard division are conveyed in the same vehicle in accordance with Regulation 9(7) hereof then for the purposes of labelling the following provisions shall apply:

(*a*) Regulation 10(2) shall also apply and the vehicle labelled accordingly;

(*b*) where explosives belonging to Hazard Division 1.2 and 1.3 are conveyed in the same vehicle then the explosives will be deemed to belong to Hazard Division 1.2 and the vehicle labelled accordingly.

(3) Explosives belonging to Hazard Division 1.4 shall be disregarded in applying the provisions of paragraph (2) of this Regulation, but where a vehicle which contains such explosives contains no other explosives, that vehicle shall bear on each side, in a conspicuous position, a wagon label (supplied as aforesaid) indicating that the explosives belonging to Hazard Division 1.4 and when the explosives also belong to Compatibility Group S the wagon label shall indicate the compatibility group to which the explosives belong.

(4) In addition to the wagon labels as required by paragraph (1), (2) and (3) of this Regulation, every vehicle containing military explosives shall bear on each side, in a conspicuous position, a label indicating the fire fighting division of the explosives to which the explosives therein belong.

(5) The labels indicating the fire fighting division to which the explosives belong referred to in paragraph (4) of this Regulation shall be affixed by or under the supervision of the authorised representative and removed by the consignee when the vehicle has been unloaded.

(6) Where explosives of more than one hazard division are conveyed in the same vehicle in accordance with Regulation 9(7) hereof then for the purposes of affixing a label indicating the fire fighting division of the explosives to which the explosives therein belong the provisions of paragraphs (2) and (3) of this Regulation shall apply and the vehicle labelled with a fire fighting division label accordingly.

Conveyance of Compatibility Group L Explosives

13. Explosives belonging to Compatibility Group L shall not be conveyed by rail unless the conveyance is in a manner agreed by the railway authority and the headquarters, visiting forces or Secretary of State.

Decontamination of Vehicles etc. used for the Conveyance of Compatibility Group L Explosives

14.—(1) The responsible authority shall ensure that every vehicle, and all sheets, sheet ties, ropes, dunnage and other material, used for any conveyance to which Regulation 13 hereof applies is examined as soon as practicable after the explosives have been unloaded from the vehicle.

(2) If upon such examination it appears that any part of the vehicle, or any such material is contaminated by any chemical or other matter which may have leaked or escaped from the explosives, it shall be the duty of the responsible authority:

(*a*) to remove or render harmless any contaminating matter on or in the vehicle or material aforesaid;

(*b*) to examine the track where the unloading has been carried out and any other place, matter or thing likely to have been affected by the leakage or escape, and to remove or render harmless any contaminating matter thereon or therein; and

(*c*) to furnish to the railway authority in writing a statement signed on behalf of the responsible authority that such matter has been removed or rendered harmless.

(3) No vehicle or material as aforesaid which has been used for any such conveyance shall be used for or in connection with the carriage of any article whatsoever, until:

(*a*) the examination required by paragraph (1) of this Regulation has been performed; and

(*b*) if on such examination the vehicle or material appears to be contaminated as aforesaid, the requirements of paragraph (2) of this Regulation have been complied with as respects that vehicle or material.

(4) Where there has occurred any such leakage or escape as is referred to in paragraph (2) of this Regulation, the track where the unloading has been carried out, and any other place, matter or thing likely to have been affected by the leakage or escape, shall not be further used until the examination required by paragraph (2)(*b*) of this Regulation has been performed and, where necessary. the contaminating matter thereon or therein removed or rendered harmless,

Conveyance of Deteriorated Explosives

15. If any military explosive has for any reason undergone such deterioration or change of condition as materially to increase the risks likely to attend its conveyance, that explosive shall not be consigned for conveyance until the

responsible authority has notified the railway authority in writing of the fact of such deterioration or change and has agreed with him what precautions (if any), in addition to those prescribed by the foregoing Regulations, shall be taken in relation to its conveyance.

Dated the 23rd day of May, 1977.

Fred Mulley,
One of Her Majesty's Principal
Secretaries of State.

Regulation 4.

SCHEDULE 1

THE UNITED NATIONS CLASSIFICATION SYSTEM FOR EXPLOSIVES

1. Explosives are included in Class 1 of the Recommendations prepared by the United Nations Committee of Experts on the transport of dangerous goods.

Class 1 is divided into five divisions, namely:

Division 1.1—Substances and articles which have a mass explosion hazard.

Division 1.2—Substances and articles which have a projection hazard but not a mass explosion hazard.

Division 1.3—Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard.

Division 1.4—Substances and articles which present no significant hazard.

Division 1.5—Very insensitive substances.

2. Explosives are considered to be "compatible" if they may be stowed or conveyed together without significantly increasing either the probability of an accident or, for a given quantity, the magnitude of the effects of such an accident. The explosives Compatibility Groups, and their associated Classification Codes, are set out in the

table hereunder. The determination of the correct hazard division, and thus of the corresponding classification code, is a function of the responsible national authority.

Description of Substance or Article	Compatibility Group	Classification Code
Primary explosive substance	A	1.1 A
Article containing a primary explosive substance	B	1.1 B 1.2 B 1.4 B
Propellant explosive substance or other secondary deflagrating explosive substance or article containing such explosive substance	C	1.1 C 1.2 C 1.3 C 1.4 C
Secondary detonating explosive substance or black powder or article containing a secondary detonating explosive substance, in each case *without means of initiation* and without a propelling charge	D	1.1 D 1.2 D 1.4 D 1.5 D
Article containing a secondary detonating explosive substance, *without means of initiation*, with a propelling charge	E	1.1 E 1.2 E
Article containing a secondary detonating explosive substance, *with means of initiation*, with or without a propelling charge	F	1.1 F 1.2 F 1.3 F 1.4 F
Pyrotechnic substance, or article containing a pyrotechnic substance, or article containing both an explosive substance and an illuminating, incendiary, lachrymatory or smoke-producing substance (other than a water-activated article or one containing white phosphorus, phosphide or an inflammable liquid or gel)	G	1.1 G 1.2 G 1.3 G 1.4 G
Article containing both an explosive substance and white phosphorus	H	1.2 H 1.3 H
Article containing both an explosive substance and an inflammable liquid or gel	J	1.3 J
Article containing both an explosive substance and a toxic chemical agent	K	1.2 K 1.3 K
Explosive substance or article containing an explosive substance and presenting a special risk needing isolation of each type	L	1.1 L 1.2 L 1.3 L
Substance or article so packed or designed that any hazardous effects arising from accidental functioning are confined within the package unless the package has been degraded by fire, in which case all blast or projection effects are limited to the extent that they do not significantly hinder or prohibit fire fighting or other emergency response efforts in the immediate vicinity of the package	S	1.4 S

SCHEDULE 2

Regulation 4

CLASSIFICATION OF MILITARY EXPLOSIVES

Editorial Notes:

1. Capital letters for a name, or for part of a name, indicate the authorised short name.
2. Capital letters in parentheses indicate an authorised alternative word or words in the short name.
3. Words in lower case letters are for clarification and are not a necessary part of the authorised name.
4. A star printed against a description indicates that the term has been formally described either because it may not be well known or because it is used in a sense which may be at variance with previous usage.
5. The abbreviation "n.o.s." means "not otherwise specified".

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati-bility Group	
ALARM DEVICES, automatic (Auto alarms), EXPLOSIVE*	1.4	S	0001
AMMONIUM NITRATE containing more than 0·2% of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1	D	0222
AMMONIUM NITRATE FERTILIZER which is more liable to explode than ammonium nitrate containing 0·2% of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1.1	D	0223
AMMONIUM PICRATE dry or containing, by weight, less than 10% water	1.1	D	0004
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.2	G	0171
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.3	G	0254
AMMUNITION, ILLUMINATING*, with or without burster, expelling charge or propelling charge	1.4	G	0297
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.2	G	0009

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.3	G	0010
AMMUNITION, INCENDIARY*, liquid or gel, with burster, expelling charge or propelling charge	1.3	J	0247
AMMUNITION, INCENDIARY* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.4	G	0300
AMMUNITION, INCENDIARY*, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.2	H	0243
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.3	H	0244
AMMUNITION, PRACTICE	1.4	G	0362
AMMUNITION, PROOF	1.4	G	0363
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.2	G	0015
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.3	G	0016
AMMUNITION, SMOKE* (other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge	1.4	G	0303
AMMUNITION, SMOKE* (other than water-activated ammunition), WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.2	H	0245
AMMUNITION, SMOKE* (other than water-activated ammunition), WHITE PHOSPHORUS, with burster, expelling charge or propelling charge	1.3	H	0246
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.2	G	0018

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.3	G	0019
AMMUNITION, TEAR-PRODUCING*, with burster, expelling charge or propelling charge	1.4	G	0301
AMMUNITION, TOXIC* (other than water-activated ammunition), with burster, expelling charge or propelling charge	1.2	K	0020
AMMUNITION TOXIC* (other than water-activated ammunition), with burster, expelling charge or propelling charge	1.3	K	0021
ARTICLES, EXPLOSIVE, n.o.s.	1.1	L	0354
ARTICLES, EXPLOSIVE, n.o.s.	1.2	L	0355
ARTICLES, EXPLOSIVE, n.o.s.	1.3	L	0356
ARTICLES, EXPLOSIVE, n.o.s.	1.4	B	0350
ARTICLES, EXPLOSIVE, n.o.s.	1.4	C	0351
ARTICLES, EXPLOSIVE, n.o.s.	1.4	D	0352
ARTICLES, EXPLOSIVE, n.o.s.	1.4	G	0353
ARTICLES, EXPLOSIVE, n.o.s.	1.4	S	0349
ARTICLES PYROPHORIC*	1.2	L	0380
BARIUM AZIDE, dry or containing, by weight, less than 50% water or alcohol	1.1	A	0224
BLACK POWDER (GUNPOWDER)*, granular, flake or as meal	1.1	D	0027
BLACK POWDER (GUNPOWDER)*, COMPRESSED (IN PELLETS)	1.1	D	0028
BLASTING CAPS (DETONATORS FOR BLASTING)*, ELECTRIC	1.1	B	0030
BLASTING CAPS (DETONATORS FOR BLASTING)*, ELECTRIC	1.4	B	0255
BLASTING CAPS (DETONATORS FOR BLASTING)*, NON-ELECTRIC	1.1	B	0029
BLASTING CAPS (DETONATORS FOR BLASTING)*, NON-ELECTRIC	1.4	B	0267

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati- bility Group	
BLASTING CAP ASSEMBLIES (DETONATOR ASSEMBLIES FOR BLASTING)*, NON-ELECTRIC	1.1	B	0360
BLASTING CAP ASSEMBLIES (DETONATOR ASSEMBLIES FOR BLASTING)*, NON-ELECTRIC	1.4	B	0361
BOMBS, with bursting charge	1.1	D	0034
BOMBS, with bursting charge	1.1	F	0033
BOMBS, with bursting charge	1.2	D	0035
BOMBS, with bursting charge	1.2	F	0291
BOMBS, PHOTO-FLASH*	1.1	D	0038
BOMBS, PHOTO-FLASH*	1.1	F	0037
BOMBS, PHOTO-FLASH*	1.2	G	0039
BOMBS, PHOTO-FLASH*	1.3	G	0299
BOOSTERS (GAINES)*, without detonator ...	1.1	D	0042
BOOSTERS (GAINES)*, without detonator ...	1.2	D	0283
BOOSTERS (GAINES)*, with DETONATOR	1.1	B	0225
BOOSTERS (GAINES)*, with DETONATOR	1.2	B	0268
BURSTERS*, explosive	1.1	D	0043
CARTRIDGES, FLASH*	1.1	G	0049
CARTRIDGES, FLASH*	1.3	G	0050
CARTRIDGES* FOR WEAPONS, with bursting charge	1.1	E	0006
CARTRIDGES* FOR WEAPONS, with bursting charge	1.1	F	0005
CARTRIDGES* FOR WEAPONS, with bursting charge	1.2	E	0321
CARTRIDGES* FOR WEAPONS, with bursting charge	1.2	F	0007
CARTRIDGES* FOR WEAPONS, with bursting charge	1.4	F	0348

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
CARTRIDGES* FOR WEAPONS, other than blank (CARTRIDGES, SAFETY*)	1.4	S	0012
CARTRIDGES* FOR WEAPONS, BLANK ...	1.1	C	0326
CARTRIDGES* FOR WEAPONS, BLANK ...	1.3	C	0327
CARTRIDGES* FOR WEAPONS, BLANK ...	1.4	C	0338
CARTRIDGES* FOR WEAPONS, BLANK (CARTRIDGES, SAFETY*)	1.4	S	0014
CARTRIDGES* FOR WEAPONS, with INERT PROJECTILE	1.2	C	0328
CARTRIDGES* FOR WEAPONS, with INERT PROJECTILE	1.4	C	0339
CARTRIDGES, OIL WELL*	1.3	C	0277
CARTRIDGES, OIL WELL*	1.4	C	0278
CARTRIDGES, POWER DEVICE*	1.2	C	0381
CARTRIDGES, POWER DEVICE*	1.3	C	0275
CARTRIDGES, POWER DEVICE*	1.4	C	0276
CARTRIDGES, POWER DEVICE* (CARTRIDGES, SAFETY*)	1.4	S	0323
CARTRIDGES, SIGNAL*	1.3	G	0054
CARTRIDGES, SIGNAL*	1.4	G	0312
CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4	C	0379
CASES, CARTRIDGE, EMPTY, WITH PRIMER	1.4	S	0055
CHARGES, DEMOLITION	1.1	D	0048
CHARGES, DEPTH	1.1	D	0056
CHARGES, PROPELLING*, FOR CANNON	1.1	C	0279
CHARGES, PROPELLING*, FOR CANNON	1.3	C	0242
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR)	1.1	C	0271

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR), composite mixture	1.1	C	0273
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR)	1.3	C	0272
CHARGES, PROPELLING*, FOR ROCKET MOTORS (PROPELLANT, SOLID, ROCKET MOTOR), composite mixture	1.3	C	0274
CHARGES, SHAPED, commercial*, without detonator	1.1	D	0059
CHARGES, SHAPED, FLEXIBLE, LINEAR, metal clad*	1.1	D	0288
CHARGES, SHAPED, FLEXIBLE, LINEAR, metal clad*	1.4	D	0237
CHARGES, SUPPLEMENTARY, EXPLOSIVE*	1.1	D	0060
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.2	B	0382
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.4	B	0383
COMPONENTS, EXPLOSIVE TRAIN*, n.o.s.	1.4	S	0384
Contrivances, water-activated*, with burster, expelling charge or propelling charge (1)	1.2	L	0248
Contrivances, water-activated*, with burster, expelling charge or propelling charge (1)	1.3	L	0249
CORD, DETONATING, flexible*	1.1	D	0065
CORD, DETONATING, flexible*	1.4	D	0289
CORD (FUSE), DETONATING, metal clad* ...	1.1	D	0290
CORD (FUSE), DETONATING, metal clad* ...	1.2	D	0102
CORD (FUSE), DETONATING, metal clad*, MILD EFFECT	1.4	D	0104
CORD, IGNITER*	1.4	G	0066
CUTTERS, CABLE, EXPLOSIVE	1.4	S	0070

(1) The correct technical name of the particular article should be specified.

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
CYCLOTETRAMETHYLENE TETRANITRAMINE (HMX or OCTOGENE) containing, by weight, at least 15% water or at least 10% phlegmatiser*	1.1	D	0226
CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE or HEXOGENE or RDX) containing, by weight, at least 15% water or at least 10% phlegmatiser*	1.1	D	0072
CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE or HEXOGENE or RDX) mixed with CYCLOTETRAMETHYLENETETRANITRAMINE (HMX or OCTOGENE), containing, by weight, at least 15% water or at least 10% phlegmatiser*	1.1	D	0391
Deflagrating metal salts of aromatic nitroderivatives, n.o.s.(1)	1.3	C	0132
DETONATORS FOR AMMUNITION* ...	1.1	B	0073
DETONATORS FOR AMMUNITION* ...	1.2	B	0364
DETONATORS FOR AMMUNITION* ...	1.4	B	0365
DETONATORS FOR AMMUNITION* ...	1.4	S	0366
DIAZODINITROPHENOL containing, by weight, at least 40% water or mixture of alcohol and water	1.1	A	0074
DIETHYLENEGLYCOLDINITRATE containing, by weight, at least 25% non-volatile water-insoluble phlegmatiser*	1.1	D	0075
DINITROPHENATES (alkali metals), dry or containing, by weight, less than 15% water(1)	1.3	C	0077
DINITROPHENOL, dry or containing, by weight, less than 15% water	1.1	D	0076
DINITRORESORCINOL, dry or containing, by weight, less than 15% water	1.1	D	0078
EXPLOSIVES, BLASTING, TYPE A* ...	1.1	D	0081
EXPLOSIVES, BLASTING, TYPE B* ...	1.1	D	0082
EXPLOSIVES, BLASTING, TYPE B* ...	1.5	D	0331

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Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
EXPLOSIVES, BLASTING, TYPE C* ...	1.1	D	0083
EXPLOSIVES, BLASTING, TYPE D* ...	1.1	D	0084
EXPLOSIVES, BLASTING, TYPE E* ...	1.1	D	0241
EXPLOSIVES, BLASTING, TYPE E* ...	1.5	D	0332
FIREWORKS, TYPE A*	1.1	G	0333
FIREWORKS, TYPE B*	1.2	G	0334
FIREWORKS, TYPE C*	1.3	G	0335
FIREWORKS, TYPE D*	1.4	G	0336
FIREWORKS, TYPE D*	1.4	S	0337
FLARES, AERIAL	1.3	G	0093
FLARES, SURFACE (other than water-activated flares)	1.3	G	0092
FRACTURING DEVICES, for oil wells*, EXPLOSIVE	1.1	D	0099
FUSE, IGNITER, tubular, metal clad	1.4	G	0103
FUSE, INSTANTANEOUS, NON-DETONATING*	1.3	G	0101
FUSE, SAFETY*	1.4	S	0105
FUZES, DETONATING*	1.1	B	0106
FUZES, DETONATING*	1.2	B	0107
FUZES, DETONATING*	1.4	B	0257
FUZES, DETONATING*	1.4	S	0367
FUZES, IGNITING*	1.3	G	0316
FUZES, IGNITING*	1.4	G	0317
FUZES, IGNITING*	1.4	S	0368
GRENADES, hand or rifle, with bursting charge	1.1	D	0284
GRENADES, hand or rifle, with bursting charge	1.1	F	0292

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
GRENADES, hand or rifle, with bursting charge	1.2	D	0285
GRENADES, hand or rifle, with bursting charge	1.2	F	0293
GRENADES, PRACTICE, hand or rifle ...	1.2	G	0372
GRENADES, PRACTICE, hand or rifle ...	1.3	G	0318
GRENADES, PRACTICE, hand or rifle ...	1.4	S	0110
GUANYL NITROSAMINOGUANYLIDENE HYDRAZINE containing, by weight, at least 30% water	1.1	A	0113
GUANYL NITROSAMINOGUANYL TETRAZENE (TETRAZENE) containing, by weight, at least 30% water or mixture of alcohol and water	1.1	A	0114
HEXANITRODIPHENYLAMINE (DIPICRYLAMINE or HEXYL)	1.1	D	0079
HEXANITROSTILBENE	1.1	D	0392
HEXATONAL, CAST	1.1	D	0392
HEXOLITE*, dry or containing, by weight, less than 15% water	1.1	D	0118
IGNITERS*	1.1	G	0121
IGNITERS*	1.2	G	0314
IGNITERS*	1.3	G	0315
IGNITERS*	1.4	G	0325
JET PERFORATING GUNS, oil well, CHARGED*, without detonator	1.1	D	0124
LEAD AZIDE containing, by weight, at least 20% water or mixture of alcohol and water	1.1	A	0129
LEAD STYPHNATE (LEAD TRINITRORESORCINATE) containing, by weight, at least 20% water or mixture of alcohol and water	1.1	A	0130

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
LIGHTERS FUSE*	1.4	S	0131
MANNITOL HEXANITRATE (NITROMANNITE) containing, by weight, at least 40% water or mixture of alcohol and water	1.1	D	0133
MERCURY FULMINATE containing, by weight, at least 20% water or mixture of alcohol and water	1.1	A	0135
MINES, with bursting charge	1.1.	D	0137
MINES, with bursting charge	1.1	F	0136
MINES, with bursting charge	1.2	D	0138
MINES, with bursting charge	1.2	F	0294
5-NITROBENZOTRIAZOL	1.1	D	0385
NITROCELLULOSE* WITH less than 18% PLASTICIZING SUBSTANCE, by weight ...	1.1	D	0341
NITROCELLULOSE* WITH less than 25% WATER (or ALCOHOL), by weight	1.1	D	0340
NITROCELLULOSE* WITH not less than 25% ALCOHOL by weight	1.3	C	0342
NITROCELLULOSE* WITH not less than 18% PLASTICIZING SUBSTANCE by weight	1.3	C	0343
NITROGLYCERIN, DESENSITIZED with at least 40%, by weight, non-volatile, water-insoluble phlegmatiser*	1.1	D	0143
NITROGLYCERIN, SPIRIT OF, containing more than 1% but not more than 10% nitroglycerin in solution in alcohol	1.1	D	0144
NITROGUANIDINE (PICRITE), dry or containing, by weight, less than 20% water	1.1	D	0282
NITROSTARCH, dry or containing, by weight, less than 20% water	1.1	D	0146
NITRO UREA	1.1	D	0147
OCTOLITE* (Octol), dry or containing, by weight, less than 15% water	1.1	D	0266

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compatibility Group	
PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE or PETN) containing, by weight, at least 25% water or at least 15% phlegmatiser*	1.1	D	0150
PENTOLITE*, dry or containing, by weight, less than 15% water	1.1	D	0151
PHOTO-FLASH POWDER in units ...	1.1	G	0094
PHOTO-FLASH POWDER in units	1.2	G	0096
PHOTO-FLASH POWDER in units ...	1.3	G	0305
POTASSIUM SALTS OF NITRO-AROMATIC DERIVATIVES, explosive(1)	1.3	C	0158
POWDER CAKE (POWDER PASTE) containing, by weight, at least 35% water	1.3	C	0159
POWDER, SMOKELESS*	1.1	C	0160
POWDER, SMOKELESS*	1.3	C	0161
PRIMERS*, CAP TYPE	1.1	B	0377
PRIMERS*, CAP TYPE	1.4	B	0378
PRIMERS*, CAP TYPE	1.4	S	0044
PRIMERS*, TUBULAR	1.3	G	0319
PRIMERS*, TUBULAR	1.4	G	0320
PRIMERS*, TUBULAR	1.4	S	0376
PROJECTILES*, with burster or expelling charge	1.2	D	0346
PROJECTILES*, with burster or expelling charge	1.4	D	0347
PROJECTILES*, with bursting charge	1.1	D	0168
PROJECTILES*, with bursting charge	1.1	F	0167
PROJECTILES*, with bursting charge	1.2	D	0169
PROJECTILES*, with bursting charge	1.2	F	0324
PROJECTILES*, with bursting charge	1.4	D	0344

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Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati- bility Group	
PROJECTILES*, inert with tracer*	1.4	S	0345
RELEASE DEVICES, EXPLOSIVE*	1.4	S	0173
RIVETS, EXPLOSIVE*	1.4	S	0174
ROCKETS*, with bursting charge	1.1	E	0181
ROCKETS*, with bursting charge	1.1	F	0180
ROCKETS*, with bursting charge	1.2	E	0182
ROCKETS*, with bursting charge	1.2	F	0295
ROCKETS*, with inert head	1.3	C	0183
ROCKETS, LINE THROWING	1.2	G	0238
ROCKETS, LINE THROWING	1.3	G	0240
ROCKET MOTORS*	1.1	C	0280
ROCKET MOTORS*	1.2	C	0281
ROCKET MOTORS*	1.3	C	0186
ROCKET MOTORS*, containing hypergolic liquids with or without an expelling charge	1.2	L	0322
ROCKET MOTORS*, containing hypergolic liquids with or without an expelling charge	1.3	L	0250
SAMPLES, EXPLOSIVE SUBSTANCE, other than primary explosive substance	as appropriate	as appropriate	0190
SIGNAL DEVICES, HAND*	1.4	G	0191
SIGNAL DEVICES, HAND*	1.4	S	0373
SIGNALS, ship DISTRESS, (other than water-activated contrivances)	1.1	G	0194
SIGNALS, ship DISTRESS, (other than water-activated contrivances)	1.3	G	0195
SIGNALS, RAILWAY TRACK, EXPLOSIVE*	1.1	G	0192
SIGNALS, RAILWAY TRACK, EXPLOSIVE*	1.4	S	0193
SIGNALS, SMOKE, with explosive sound unit	1.1	G	0196

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati- bility Group	
SIGNALS, SMOKE, with explosive sound unit	1.2	G	0313
SIGNALS, SMOKE, without explosive sound unit	1.4	G	0197
SODIUM DINITRO-ORTHO-CRESOLATE, dry or containing, by weight, less than 15% water	1.3	C	0234
SODIUM PICRAMATE, dry or containing, by weight, less than 20% water	1.3	C	0235
SODIUM SALTS OF NITRO-AROMATIC DERIVATIVES, explosive (1)	1.3	C	0203
SOUNDING DEVICES, EXPLOSIVE ...	1.1	E	0374
SOUNDING DEVICES, EXPLOSIVE ...	1.1	F	0296
SOUNDING DEVICES, EXPLOSIVE ...	1.2	E	0375
SOUNDING DEVICES, EXPLOSIVE ...	1.2	F	0204
SQUIBS*, including electric squibs and safety squibs	1.4	S	0206
SUBTANCES, EXPLOSIVE, n.o.s.	1.1	L	0357
SUBSTANCES, EXPLOSIVE, n.o.s.	1.2	L	0358
SUBSTANCES, EXPLOSIVE, n.o.s.	1.3	L	0359
TETRANITROANILINE	1.1	D	0207
TORPEDOES, with bursting charge	1.1	E	0329
TORPEDOES, with bursting charge	1.1	F	0330
TRACERS FOR AMMUNITION*	1.3	G	0212
TRACERS FOR AMMUNITION*	1.4	G	0306
TRINITRO-ANILINE (PICRAMIDE) ...	1.1	D	0153
TRINITRO-ANISOLE	1.1	D	0213
TRINITROBENZENE, dry or containing, by weight, less than 35% water	1.1	D	0214
TRINITROBENZENESULFONIC ACID ...	1.1	L	0386

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Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati- bility Group	
TRINITROBENZOIC ACID, dry or containing, by weight, less than 30% water	1.1	D	0215
TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1.1	D	0155
TRINITROFLUORENONE	1.1	D	0387
TRINITROMETACRESOL	1.1	D	0216
TRINITRONAPHTHALENE	1.1	D	0217
TRINITROPHENETOLE	1.1	D	0218
TRINITROPHENOL (PICRIC ACID), dry or containing, by weight, less than 30% water	1.1	D	0154
TRINITROPHENYLMETHYL-NITRAMINE (TETRYL)	1.1	D	0208
TRINITRORESORCINOL (STYPHNIC ACID), dry or containing, by weight, less than 20% water	1.1	D	0219
TRINITRORESORCINOL (STYPHNIC ACID) containing, by weight, not less than 20 per cent water (or mixture of alcohol and water)	1.1	D	0394
TRINITROTOLUENE (TNT), dry or containing, by weight, less than 30% water	1.1	D	0209
TRINITROTOLUENE (TNT) mixed WITH TRINITROBENZENE or WITH HEXANITROSTILBENE	1.1	D	0388
TRINITROTOLUENE (TNT) mixed WITH TRINITROBENZENE and HEXANITROSTILBENE	1.1	D	0389
TRITONAL (TNT mixed with aluminium) ...	1.1	D	0390
UREA NITRATE, dry or containing, by weight, less than 20% water	1.1	D	0220
WARHEADS, ROCKET, with burster* or expelling charge	1.4	D	0370
WARHEADS, ROCKET, with burster* or expelling charge	1.4	F	0371

Substance (or Group of Substances) Article (or Group of Articles)	Classification Code		UN Serial Number
	Class/ Division	Compati- bility Group	
WARHEADS, ROCKET, with bursting charge...	1.1	D	0286
WARHEADS, ROCKET, with bursting charge	1.1.	F	0369
WARHEADS, ROCKET, with bursting charge	1.2	D	0287
WARHEADS, TORPEDO, with bursting charge	1.1	D	0221
ZIRCONIUM PICRAMATE, dry or containing, by weight, less than 20% water	1.3	C	0236

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations supersede the Conveyance by Rail of Military Explosives Regulations 1969 as amended by the Conveyance by Rail of Military Explosives (Amendment) Regulations 1972. The Regulations lay down the rules to be observed when Government explosives or explosives of visiting forces or international headquarters or defence organisations (together referred to as "military explosives", and defined by Regulation 2) are being conveyed by rail.

The Regulations classify military explosives into a classification code as shown in the Schedules (Regulation 4), provide for notice to be given to the railway authority before a conveyance takes place (Regulation 5), require the explosives to be identified by specified markings (Regulation 6), require the explosives to be conveyed by merchandise trains except under specified conditions (Regulation 7), prescribe the types of rail vehicle in which the explosives may be conveyed (Regulation 8), provide for the segregation of the explosives from other substances (Regulation 9), place limits on the quantities of the explosives which may be conveyed in a train, and lay down rules for the composition of a train carrying the explosives (Regulation 10), specify safety precautions to be observed during the loading, unloading and conveyance (Regulation 11), lay down rules for the labelling of the vehicles in a train (Regulation 12) and provide for special precautions to be observed for certain types of explosive (Regulations 13–15).

The principal changes in the new Regulations are as follows:

a. Changes have been made in the method of classification of explosives in the Schedules;

b. Military explosives may now be conveyed by rail in an approved International Standards Organisation freight container (Regulation 8(5));

c. In Regulation 10 vehicles containing hazardous substances may now be included in a train conveying military explosives, provided that adequate segregation is maintained.

d. In Regulation 12 vehicles must now bear labels indicating the fire fighting division of the explosives.

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