Reprint
as at 1 July 2011

Hazardous Substances (Fireworks, Safety Ammunition, and Other Explosives Transfer) Regulations 2003

(SR 2003/176)

Silvia Cartwright, Governor-General

Order in Council

At Wellington this 28th day of July 2003

Present:
Her Excellency the Governor-General in Council

Pursuant to section 160 of the Hazardous Substances and New Organisms Act 1996, Her Excellency the Governor-General, acting on the advice and with the consent of the Executive Council, makes the following regulations.

Contents

Note

Changes authorised by section 17C of the Acts and Regulations Publication Act 1989 have been made in this reprint.

A general outline of these changes is set out in the notes at the end of this reprint, together with other explanatory material about this reprint.

These regulations are administered by the Ministry for the Environment.

Regulations

1 Title

These regulations are the Hazardous Substances (Fireworks, Safety Ammunition, and Other Explosives Transfer) Regulations 2003.

2 Commencement

These regulations come into force on the 28th day after the date of their notification in the *Gazette*.

3 Interpretation

In these regulations, unless the context otherwise requires,—

Act means the Hazardous Substances and New Organisms Act 1996

Authority means the Environmental Protection Authority established by section 7 of the Environmental Protection Authority Act 2011

criteria, in relation to a subclass, means the criteria set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001

firework has the same meaning as in section 2(1) of the Act.

Regulation 3 **Authority**: substituted, on 1 July 2011, by section 53(3) of the Environmental Protection Authority Act 2011 (2011 No 14).

4 Deemed assessment and approval

(1) On the commencement of these regulations, the substances described in Schedules 1 to 3 (fireworks, safety ammunition, and other explosives) that were, immediately before that commencement, subject to Part 15 of the Act cease to be subject to that Part.

(2) The substances described in Schedules 1 to 3 are deemed to have been assessed and approved by the Authority under section 29 of the Act.

5 Deemed hazard classification

The substances described in Schedules 1 to 3 (fireworks, safety ammunition, and other explosives) are deemed to have the hazard classifications specified opposite their descriptions in the relevant schedule.

6 Application of controls and changes to controls

(1) The controls that apply to fireworks described in Schedule 1 are as follows:

- (a) the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, with the changes indicated in Schedule 4:
- (b) the Hazardous Substances (Disposal) Regulations 2001, with the changes indicated in Schedule 4:
- (c) the Hazardous Substances (Emergency Management) Regulations 2001:
- (d) the Hazardous Substances (Fireworks) Regulations 2001:
- (e) the Hazardous Substances (Identification) Regulations 2001, with the changes indicated in Schedule 4:
- (f) the Hazardous Substances (Packaging) Regulations 2001:
- (g) the Hazardous Substances (Tracking) Regulations 2001.

(2) The controls that apply to safety ammunition described in Schedule 2 are as follows:

- (a) the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, with the changes indicated in Schedule 5:
- (b) the Hazardous Substances (Disposal) Regulations 2001, with the changes indicated in Schedule 5:
- (c) the Hazardous Substances (Emergency Management) Regulations 2001:
- (d) the Hazardous Substances (Identification) Regulations 2001, with the changes indicated in Schedule 5:
- (e) the Hazardous Substances (Packaging) Regulations 2001:
- (f) the Hazardous Substances (Tracking) Regulations 2001.

(3) The controls that apply to other explosives described in Schedule 3 are as follows:

- (a) the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001:
- (b) the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001, with the changes indicated in Schedule 6:
- (c) the Hazardous Substances (Disposal) Regulations 2001:
- (d) the Hazardous Substances (Emergency Management) Regulations 2001, with the changes indicated in Schedule 6:

(e) the Hazardous Substances (Identification) Regulations 2001, with the changes indicated in Schedule 6:

(f) the Hazardous Substances (Packaging) Regulations 2001:

(g) the Hazardous Substances (Tracking) Regulations 2001.

Schedule 1
Fireworks

rr 4, 5, 6(1)

UN Number	Description	Hazard classification
0335	Bouquets, coloured fires and lights, fountains, gerbs, lances, mines, port fires, roman candles, saxons, scintilettes, serpents, squibs (without reports), wheels, and other fireworks that are within both of the following: (a) the criteria for subclass 1.3 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category G as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.3G
0336	Bouquets, coloured fires and lights, fountains, gerbs, lances, mines, port fires, roman candles, saxons, scintilettes, serpents, squibs (without reports), wheels, and other fireworks, including amorces, ring caps, snaps for bonbon crackers, and crackshots that are within both of the following: (a) paragraph (a) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category G as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.4G
0337	Bouquets, coloured fires and lights, fountains, gerbs, lances, mines, port fires, roman candles, saxons, scintilettes, serpents, squibs (without reports), wheels, and other fireworks (including handblasters, streamer bombs, party poppers, and sparklers) that are within both of the following: (a) paragraph (b) or paragraph (c) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category S as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.4S

Schedule 2
Safety ammunition

rr 4, 5, 6(2)

UN Number	Description	Hazard classification
0012	Ammunition consisting of a cartridge case fitted with a centre or rim fire primer, and containing both a propelling charge and a solid projectile that is within both of the following: (a) paragraph (b) or paragraph (c) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category S as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001. These articles are designed to be fired in weapons of calibre not larger than 19.1 mm. Shotgun cartridges of any calibre are included in this description.	1.4S
0014	Articles consisting of a cartridge case with a centre or rim fire primer, and a confined charge of smokeless or black powder (but not projectiles) used for training, saluting, or in starter pistols, or the like that are within both of the following: (a) paragraph (b) or paragraph (c) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category S as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.4S
0044	Articles consisting of a metal or plastics cap containing a small amount of primary explosive mixture that is readily ignited by impact, and that are within both of the following: (a) paragraph (b) or paragraph (c) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category S as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.4S
0055	Articles consisting of a cartridge case made from metal, plastics, or other non-flammable material, in which the only explosive component is the primer, and that are within both of the following: (a) paragraph (b) or paragraph (c) of the criteria for subclass 1.4 as set out in the table in Part 1 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001; and (b) the criteria for category S as set out in the table in Part 2 of Schedule 1 of the Hazardous Substances (Classification) Regulations 2001.	1.4S

Schedule 3
Other explosives

rr 4, 5, 6(3)

UN Number	Description	Hazard classification(s)
0114	Guanyl nitrosaminoguanyltetrazene (Tetrazene) wetted with not less than 30% (by mass) being water or a mixture of alcohol and water	1.1A, 6.6B, 9.1D
0129	Lead azide wetted with not less than 20% (by mass) being water or a mixture of alcohol and water	1.1A, 6.1C, 6.6B, 6.7B, 6.8A, 6.9A, 9.1A
0130	Lead styphnate (lead trinitroresorcinate) wetted with not less than 20% (by mass) being water or a mixture of alcohol and water	1.1A, 6.1C, 6.6B, 6.7B, 6.8A, 6.9A, 9.1A
0135	Mercury fulminate wetted with not less than 20% (by mass) being water or a mixture of alcohol and water	1.1A, 6.1B, 6.3B, 6.4A, 6.5A, 6.5B, 6.6B, 6.7B, 6.8A, 6.9A, 9.1A, 9.3A
0150	Pentaerythrite tetranitrate (pentaerythritol tetranitrate; PETN) wetted with not less than 25% (by mass) being water, or Pentaerythrite tetranitrate (pentaerythritol tetranitrate; PETN), desensitized with not less than 15% (by mass) being phlegmatizer	1.1D, 6.5B
0154	Picric acid - trinitrophenol	1.1D, 6.1C, 6.3B, 8.3A, 6.5B, 6.9B, 9.1D, 9.3B
0208	Trinitrophenylmethylnitramine (tetryl)	1.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1C
0209	Trinitrotoluene (TNT)	1.1D, 6.1D, 6.3B, 6.5B, 6.6B, 6.7B, 6.8B, 6.9A, 9.1A, 9.3C
0160/0161	Smokeless powder (single base). Substances based on nitrocellulose alone as a propellant.	1.3C, 6.1D, 6.3B, 6.4A, 6.5B, 6.6B, 6.7B, 6.8A, 6.9B, 9.1A, 9.3B: Smokeless powders contained in total quantities greater than 500kg are classified as 1.1C
0160/0161	Smokeless powder (double base). Substances based on nitrocellulose and nitroglycerin as a propellant.	1.3C, 6.1B, 6.3B, 6.4A, 6.5B, 6.6B, 6.7B, 6.8A, 6.9B, 9.1B, 9.3B: Smokeless powders contained in total quantities greater than 500kg are classified as 1.1C
0160/0161	Smokeless powder (triple base). Substances based on nitrocellulose and nitroglycerin as a propellant.	1.3C, 6.1B, 6.3B, 6.4A. 6.5B, 6.6B, 6.9A, 9.1A, 9.3B: Smokeless powders contained in total quantities greater than 500kg are classified as 1.1C
0027	Black powder (gunpowder). Meal or granular. Substance consisting of a mixture of charcoal, potassium nitrate, and sulphur.	1.1D, 6.1E, 6.4A, 9.1D, 9.2C, 9.3C
0081	Blasting explosives, Type A. Substances consisting of liquid organic nitrates such as nitroglycerin or a mixture of such ingredients with 1 or more of the following, nitrocellulose; ammonium nitrate or other inorganic nitrates; or aromatic nitro-derivatives, or combustible materials, such as wood-meal and aluminium powder.	1.1D, 6.1B, 6.3B, 6.4A, 6.5B, 6.6B, 6.9A, 9.1A, 9.3B

UN Number	Description	Hazard classification(s)
0081	Blasting explosives, Type A (permitted)	1.1D, 6.1B, 6.3B, 6.4A, 6.5B, 6.6B, 6.9A, 9.1D, 9.3C
0082	Blasting explosives, Type B. Substances consisting of a mixture of ammonium nitrate, sodium nitrate, and trinitrotoluene, with or without other substances such as wood-meal and aluminium powder.	1.1D, 6.1D, 6.3A, 6.4A, 6.5B, 6.7B, 6.9A, 9.1B, 9.3C
0082	Blasting explosives, Type B. Substances consisting of a mixture of ammonium nitrate and fuel oil with or without aluminium powder.	1.1D, 6.1D, 6.3A, 6.4A, 6.9B, 9.1D
0084	Blasting explosives, Type D. Substances consisting of a mixture of organic nitrated compounds and combustible materials such as hydrocarbons and aluminium powder. These explosives must not contain nitroglycerin, similar liquid organic nitrates, chlorates, or ammonium nitrate.	1.1D, 6.5B
0241	Blasting explosives, Type E. Substances consisting of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include nitro-derivatives such as trinitrotoluene, hydrocarbons or aluminium powder, stabilizers and plasticizers, glass microballoons, and different oil blends.	1.1D, 6.1D, 6.3A, 6.4A, 6.8C, 6.9A, 9.1A, 9.3C
0499	Propellants. Solid substances consisting of a deflagrating solid explosive used for propulsion.	1.3C, 6.1E, 6.3B, 6.4A, 6.5A, 6.5B, 6.8B, 6.9A, 9.2D, 9.3C
0332	Blasting explosives, Type E. Substances consisting of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include nitro-derivatives such as trinitrotoluene, hydrocarbons, or aluminium powder.	1.5D, 6.1D, 6.3A, 6.4A, 6.8C, 6.9A, 9.1A, 9.3C
0029	Detonators, non-electric for blasting. Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN, or combinations of explosives. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element.	1.1B
0030	Detonators, electric for blasting. Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN, or combinations of explosives, being the articles listed below. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element. De La Mere: Electrical Squibs D80 and D60 Series— for Bullet Hits or Special Effects MD 1 Z 17 Electric Squib Dynamit Nobel: Detonator Dynawell 0026FD Detonator Special Pivot Detonators Dyno Nobel: Detonators Electric Iredet Electric Super SP Detonators E 96 Pressure Resistant Detonator E 97 Hi Temp Pressure Resistant Detonator Goex International:	1.1B

UN Number	Description	Hazard classification(s)
	Detonator G-21/SWS HT Orica (ICI): Atlas Masterdet MS Delay Electric Detonators Atlas Staticmaster Seismic Detonators Detonators Electric Detonators Electric Seismic Detonators Electric Short Delay L Series Detonators Electric Submarine Orica Brazil: Detonator DFC-10 Fluid Desensitised Schlumberger: Electric Detonator Schlumberger Reservoir Completions: Detonator Percussion High Temp RedBull Powder Co Ltd: Electric Delay Detonators Electric Delay Detonators 20ms, 30ms, 0.5s series	
0030	Detonators, electric for blasting (permitted) as listed below. Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN, or combinations of explosives. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element. Orica (ICI): Detonators Electric Carrick Short Delay (P) No 8 Carrick Short Delay Detonator Nos. 0-4 (P)	1.1B
0030/0255	Detonators, electric for blasting as listed below. Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN, or combinations of explosives. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element. Davey Bickford (France): Carrick MS Series Detonators Delay MS Series Detonators Instantaneous Detonators Seismic Detonators Dynamit Nobel: Electronic Detonators Incorporating Micro Chip Ensign Bickford Co: EB-161 Detonators, Electric EB-108 Detonators, Electric Petro Explo Inc: Detonator, TEC-1 Fluid Desensitised Precision Blasting Systems GmbH: i-kon Detonator (Electronic)	1.1B. Classification 1.4B (UN 0255) applies when the article is packaged in a way that the packaged article meets the 1.4B criteria when tested

UN Number	Description	Hazard classification(s)
0030/0456	Detonators, electric for blasting as listed below. Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN, or combinations of explosives. They are designed to start a detonation train. They may be constructed to detonate instantaneously, or may contain a delay element.	1.1B. Classification 1.4S (UN 0456) applies when the article is packaged in a way that the packaged article meets the 1.4S criteria when tested
	Sasol Mining Initiators Pty Ltd (SMI)/Red Bull:	
	SMI Micro Processor Programmable Detonators	
	Unitronic Micro Processor Electronic Delay Detonator	
	Kidde-Fenwal Inc, USA:	
	Detonators electric	
0360	Detonator assemblies, non-electric for blasting as listed below. Non-electric detonators assembled with, and activated by, such means as safety fuse, shock tube, flash tube, or detonating cord. They may be of instantaneous design or incorporate delay elements. Detonating relays incorporating detonating cord are included. Other detonating relays are included in detonators, non-electric UN 0029.	1.1B
	Detonates Nacionales SA Antofagasta Chile:	
	Prima Det Noiseless Trunkline Delays	
	(NTD) Non-Electric Detonator Assembly	
	Dyno Nobel:	
	Nonel Super LP Series Detonator Assemblies Non-electric	
	Nonel Super MS Series Detonator Assemblies Non-electric	
	IES Pty Ltd:	
	Exel Bunchdet Detonator	
	Exel Develdet Detonators	
	Exel Enduradet Detonator	
	Exel Lead in Lines (Long Lead Instantaneous Non-Electric Detonators)	
	Orica (ICI):	
	Connectadet Non-Electric Detonating Delay	
	Exel Detonators	
	Primadet Detonator LP	
	Primadet Detonator MS	
	Primadet Trunkline Delay (TLD)	
	Primadet MS Connectors	
	Schlumberger Perforating Technologies:	
	Time Delay Unit	
	TEC Chile:	
	ERT/TEC Non-Electric Delay Detonator Assemblies.	
0042	Boosters without detonator as listed below. Articles consisting of a plastic or cardboard shell filled with a mixture of PETN and TNT (Pentolite) and the following optional ingredients, RDX, ammonium nitrate, sodium nitrate, potassium nitrate, barium sulphate, plasticisers, and other insert materials.	1.1D
	Beston Chemical Corporation USA:	
	Cast Boosters Various Sizes	
	Dynamit Nobel GmbH:	

UN Number	Description	Hazard classification(s)
	Booster HMX 400 F Nobel Dyno Nobel: Detaprimers GA and WG HDP Primers 150 and 400 Ringprime Booster Ensign Bickford: Boosters Various (HMX/RDX) Slip on Boosters Geoprime Seismic Boosters Halliburton Energy Services: Booster Receptor for Ballistic Transfer Orica (ICI): Anzomex Boosters Anzomex Power Plus Primers Anzomex Slider, Primer MKII Magna Primer Seismic Boosters Slip on Boosters Stopeprime Primer with Plastic Spider Retaining Assembly Tunniprime 25 IES Pty Ltd: Jumboprime Nitro Bickford France: Seismic Boosters Quin Investments Pty Ltd: Cast Boosters - 1.4kg and 1.5kg (Hexalite) Trojan Corp USA: Superprime Universal Boosters Redbull Powder Co Ltd: Boosters 150g, 250g, 400g, 450g	
0059	Charges, shaped, without detonator as listed below. Articles consisting of a casing containing a charge of detonating explosive with a cavity lined with rigid material, without means of initiation. They are designed to produce a powerful, penetrating jet effect. Geo. Vann: 5″ DP Charge RDX Halliburton Energy Services: DP Cutters and Casing Cutters	1.1D
0059/0349	Charges, shaped, without detonator as listed below: Goex International: Severing Tool, DE, All Sizes Tubing Cutters, All Sizes Halliburton Energy Services:	1.1D. Classification 1.4S (UN 0349) applies when the article is packaged in a way that the packaged article meets the 1.4S criteria when tested.

UN Number	Description	Hazard classification(s)
	DP Cutters, All Sizes	
	Drill Collar Severing Tools, All Sizes	
	Severing Tool, DE, All Sizes	
	Tubing Cutters, All Sizes	
0059/0441	Charges, shaped, without detonator as listed below:	1.1D. Classification 1.4S (UN 0441) applies when the article is packaged in a way that the packaged article meets the 1.4S criteria when tested.
	Description	
	Goex International:	
	Casing Cutter	
	Schlumberger Perforating Technology:	
	Powerjet	
	Ultrajet	
	Ultrapack	
	Schlumberger Reservoir Completions:	
	Big Hole	
	Cleanpack	
	Cleanshot	
	Enerjet	
	Get Away	
	HJ 11	
	Hypercap	
	Hyperdome	
	Hyperjet	
	Phased Enerjet	
	Phased Power Enerjet	
	Power Enerjet	
	Power Flow	
	Powerjet	
	Power Pivot	
	Puncher	
	Retrievable Phased Enerjet	
	RFT	
	Trigger	
	Ultracap	
	Ultrajet	
	Ultrapack	
0065	Cord, detonating, flexible. Article consisting of a core of detonating explosive enclosed in spun fabric, with plastics or other covering unless the spun fabric is sift proof.	1.1D
0065/0289	Cord, detonating, flexible. Article consisting of a core of detonating explosive enclosed in spun fabric, with plastics or other covering unless the spun fabric is sift proof.	1.1D. Classification 1.4D (UN 0289) applies when the article is packaged in a way that

UN Number	Description	Hazard classification(s)
		the packaged article meets the 1.4D criteria when tested
0065/0349	Cord, detonating, flexible. Article consisting of a core of detonating explosive enclosed in spun fabric, with plastics or other covering unless the spun fabric is sift proof.	1.1D. Classification 1.4S (UN 0349) applies when the article is packaged in a way that the packaged article meets the 1.4S criteria when tested
0288	Charges, shaped, flexible, linear as listed below. Articles consisting of a V-shaped core of a detonating explosive clad by a flexible metal sheath. Halliburton Energy Services: Casing Cutter 12OD	1.1D
0290/0289	Cord (fuse), detonating, metal clad/cord, detonating, flexible. Article consisting of a core of detonating explosive clad by a soft metal tube with or without protective covering.	1.1D. Classification 1.4D (UN 0289) applies when the article is packaged in a way that the packaged article meets the 1.4D criteria when tested
0192/0193	Signals, railway track, explosive. Articles containing pyrotechnic substances designed to produce signals by means of sound, flame, or smoke, or any combinations of them.	1.1G. Classification 1.4S applies when the article is packaged in a way that the packaged article meets the 1.4S criteria when tested.
0333	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001: Bouquets, coloured fires and lights, crackers, fountains, gerbs, lances, maroons, mines, port fires, rockets, roman candles, saxons, scintilettes, serpents, squibs (with or without reports), tourbillions, wheels, and other manufactured fireworks, being in each case fireworks intended for display or entertainment purposes.	1.1G
0333	Fireworks as listed below. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001. Van Tiel Pyrotechnics: Salute	1.1G
0328	Cartridges for weapons, inert projectile as listed below. Ammunition consisting of a projectile without a bursting charge but with a propelling charge. Nico Pyrotechnik: 40mm × 53 Practice Cartridge with Tracer and Impact Signature	1.2C
0238	Rockets, line throwing	1.2G
0314	Igniters. Articles containing 1 or more explosive substances used to start deflagration in an explosive train. They may be actuated chemically, electrically, or mechanically.	1.2G
0334	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001:	1.2G

UN Number	Description	Hazard classification(s)
	Bouquets, coloured fires and lights, crackers, fountains, gerbs, lances, maroons, mines, port fires, rockets, roman candles, saxons, scintilettes, serpents, squibs (with or without reports), tourbillions, wheels, and other manufactured fireworks, being in each case fireworks intended for display or entertainment purposes.	
0334	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001) as listed below: Van Tiel Pyrotechnics: Concussion Mortar Salute	1.2G
0419	Flares, Surface. Articles containing pyrotechnic substances that are designed for use to illuminate, identify, signal, or warn.	1.2G
0421	Flares, aerial. Articles containing pyrotechnic substances that are designed for use to illuminate, identify, signal, or warn.	1.2G
0186	Rocket motors. Articles consisting of a solid, liquid, or hypergolic fuel contained in a cylinder fitted with 1 or more nozzles.	1.3C
0277	Cartridges, oil well, as listed below. Articles consisting of a casing of thin fibre, metal, or other material, and containing only propellant that projects a hardened projectile. Schlumberger: Oilwell Cartridges— - 9/16″ Puncher Charge - 2 1/8″ - 2 5/8″ Aluminium	1.3C
0092	Flares, surface (other than water activated contrivances). Articles containing pyrotechnic substances that are designed for use to illuminate, identify, signal or warn.	1.3G
0101	Fuse, instantaneous non-detonating (Quickmatch). Articles consisting of cotton yarns impregnated with a fine black powder.	1.3G
0195	Signals, distress, ship. Articles containing pyrotechnic substances designed to produce signals by means of sound, flame, or smoke, or any combinations of them.	1.3G
0335	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001: Bouquets, coloured fires and lights, crackers, fountains, gerbs, lances, maroons, mines, port fires, rockets, roman candles, saxons, scintilettes, serpents, squibs (with or without reports), tourbillions, wheels, and other manufactured fireworks, being in each case fireworks intended for display or entertainment purposes.	1.3G
0335	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001) as listed below: Howard Flashpots: Fireworks Professionals: Stage Flash Maroon Stage Flash Red Stage Flash White Stage Flash White (fast) Stage Flash White (slow) Streamer Cannon Confetti Cannon (small and large)	1.3G

UN Number	Description	Hazard classification(s)
	Stage Fireballs:	
	Red, Orange, White, Green	
	Stage Flare High Intensity	
	Stage Flares:	
	Orange, Red, White, Green	
	MP Associates:	
	Flitter Flash	
	Photo Flash	
	Sparkle Flash	
	Seal Control Unit (cracker):	
	Schermuly/Pains Wessex:	
	Thunderflash	
	Van Tiel Pyrotechnics:	
	Airburst Short Circuit	
	Comet and Tail	
	Concussion Mortar	
	Confetti, Glitter, Streamer Cannons	
	Flame Projector or Cannon, Fireball	
	Flare	
	Maroon	
	Rocket Motors	
	Roman Candles and Multi Shot Effects	
	Smoke, Coloured, Black, and White	
	Spark Fantail	
	Spark Mine	
	Starmine	
	Starmine System	
	Starshell	
	Strobe	
	Whistle, Hammer, Tourbillion	
0430	Articles, pyrotechnic (for technical purposes) as listed below. Articles that contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, and the like:	1.3G
	Van Tiel Pyrotechnics:	
	List Charges	
	Foti's International Fireworks:	
	Flame Pot	
0488	Ammunition, practice. Ammunition without a main bursting charge, containing a burster or expelling charge. Normally, it also contains a fuze and a propelling charge.	1.3G
0255	Detonators, electric (for blasting) as listed below. Articles consisting of a small metal or plastic tube containing explosives such as lead azide, PETN, or combinations of explosives.	1.4B
	Fenwell Protection Systems:	

UN Number	Description	Hazard classification(s)
	Initiator Assembly PN 31 199932.004	
	Activator Assembly PN 32 099932.101	
	Indicator Fuse PN 33 113612.000	
0257	Fuzes, detonating. Articles designed to start a detonation or a deflagration in ammunition. They incorporate mechanical, electrical, chemical, or hydrostatic components and generally protective features.	1.4B
0361	Detonator assemblies, non-electric (for blasting) as listed under UN 0360 detonator assemblies, 1.1B.	1.4B
	Articles consisting of a small metal or plastic tube containing explosives such as lead azide, PETN, or combinations of explosives.	Classification 1.4B (UN 0361) only applies when the article is packaged in a way that the packaged article meets the 1.4B criteria when tested
0276	Cartridges, power device as listed below. Articles consisting of a casing with a charge of deflagrating explosive and a means of ignition.	1.4C
	Martin Baker Aircraft Co:	
	Cockpit Canopy Jettison No2 Mk2 MBCJ 560-1	
	Seat Ejection Secondary No3 Mk3 MBEU 17621-1	
	Seat Ejection Primary No3 Mk3 MBEU 646 AVY	
0338	Cartridges for weapons, blank or cartridges, small arms, blank. Articles that consist of a cartridge case with a centre or rim fire primer and a confined charge of smokeless or black powder but no projectile. Used for training, saluting, and in starter pistols, and the like.	1.4C
0339	Cartridges for weapons, inert projectile or cartridges, small arms. Ammunition consisting of a projectile without a bursting charge but with a propelling charge.	1.4C
0410	Fuzes, detonating with protective features. Articles designed to start a detonation or a deflagration in ammunition. They incorporate mechanical, electrical, chemical, or hydrostatic components and generally protective features.	1.4D
0412	Cartridge for weapons with bursting charges. Fixed (assembled) or semi-fixed (partially assembled) ammunition designed to be fired from weapons. Each cartridge includes all the components necessary to function the weapon once. The name and description must be used for small arms cartridges that cannot be described as cartridges, small arms. Separate loading ammunition is included under this name and description when the propelling charge and projectile are packed together.	1.4E
0066	Cord, igniter as listed below. Article consisting of textile yarns covered with black powder or another fast burning pyrotechnic composition and with a flexible protective covering, or it consists of a core of black powder surrounded by a flexible woven fabric.	1.4G
	Pyrovent:	
	Thermalite fuse	
0191	Signal devices, hand. Articles containing pyrotechnic substances designed to produce signals by means of sound, flame, or smoke, or any combinations of them.	1.4G
0197	Signals, smoke. Articles containing pyrotechnic substances designed to produce signals by means of sound, flame, or smoke, or any combinations of them.	1.4G

UN Number	Description	Hazard classification(s)
0297	Ammunition, illuminating with or without burster, expelling charge, or propelling charge. Ammunition designed to produce a single source of intense light for lighting up an area.	1.4G
0301	Ammunition, tear-producing, as listed below. Ammunition containing toxic agent. It also contains 1 or more of the following, a pyrotechnic substance, a propelling charge with primer and igniter charge, a fuze with burster or expelling charge. Armor Holdings Inc: Liquid Agent Barricade, 12 Gauge Ferret No T23 Powder Filled Barricade Round OC, CN, CS, Practice No 40-17CN-CS, & Smoke, 40mm (Black Powder) 37mm Short-range 570CS, 219CN 40mm Ferret Liquid Filled Barricade Round CN, CS, OC, Practice Defence Technology Florida USA: Ferret-12 Liquid CS Ferret-12 Powder CS Ferret-40 Liquid CS Ferret-37 Powder CS Spede-Heat-37 Short Range CS Stinger Grenade Rubber Pellet/CS Triple Chaser CS Grenade Nico Pyrotechnik: Plus System CS/1-D Plus System CS/15-P 40mm × 46 Cartridge with CS/1D 40mm × 46 Cartridge with Irritant CS/15-P	1.4G
0303	Ammunition, smoke with or without burster, expelling charge, or propelling charge (other than water-activated ammunition with white phosphorus or phosphides) as listed below. Armor Holdings Inc: Flameless Grenade 517CS, 117CN, 317 SAF-Smoke Triple Chaser 515CS. 115CN, 315, SAF-Smoke Defence Technology Florida USA: Tri-Chamber Flameless Grenade CS Nico Pyrotechnik: 40mm × 46 Cartridge with Smoke, NT/15 44mm Smoke Grenade 74mm Smoke Grenade, 80 sec Smoke Generator CS3 1750 White, Low Toxic, Electric	1.4G
0312	Cartridges, signal. Articles designed to fire coloured flares or other signals from signal pistols, and the like.	1.4G
0317	Fuzes, igniting. Articles designed to start a detonation or a deflagration in ammunition. They incorporate mechanical, electrical, chemical, or hydrostatic components and generally protective features.	1.4G
0320	Primers, tubular. Articles consisting of a primer for ignition and an auxiliary charge of deflagrating explosive such as black powder	1.4G

UN Number	Description	Hazard classification(s)
	used to ignite the propelling charge in a cartridge case for cannon, and the like.	
0325	Igniters. Articles containing 1 or more explosive substances used to start deflagration in an explosive train.	1.4G
0336	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001: Bouquets, coloured fires and lights, crackers, fountains, gerbs, lances, maroons, mines, port fires, rockets, roman candles, saxons, scintilettes, serpents, squibs (with or without reports), tourbillions, wheels, and other manufactured fireworks, being in each case fireworks intended for display or entertainment purposes.	1.4G
0336	Fireworks. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001 as listed below: Foti's International Fireworks: Flash Pot Spark Pot MP Associates: KA Series Fountains 10 Shot Tracer 38mm Tracers Starting Pistol Caps - Giant Amorces Van Tiel Pyrotechnics: Flash Pot (coloured report) Fountain Gerb Jet Waterfall Smoke, coloured (Black, White) Flare Strobe Smoke, Coloured, Black, and White Spark Fantail Spark Mine Starmine	1.4G
0362	Ammunition, practice. Ammunition without a main bursting charge, containing a burster or expelling charge. Normally, it also contains a fuze and a propelling charge.	1.4G
0431	Articles, pyrotechnic (for technical purposes) as listed below. Articles that contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, etc. Combat Simulation Systems Pty Ltd: Pyronex Charges Electric Le Maitre Pyrotechnics Inc: Gold Gerb Mini Mini Gerbs Silver and Silver Long Duration Shimmer Gerb Mini	1.4G

UN Number	Description	Hazard classification(s)
	Silver Jet/Silver Jet Reduced Height	
	Silver Star	
	Nico Pyrotechnik:	
	Sound and Flash Grenades, 1-9 Bang, Training, Aluminium or Steel	
	44mm Coloured Smoke Grenade, Various	
	60mm Coloured Smoke Grenade	
	Precision Theatrical Effects:	
	Cannon Simulator/Concussion	
	Flame Mortar - 100 and 200 All Colours	
	Gerb TS/Flare and Flash	
	Mines All Colours and Effects	
	Mortar Hit Type 3, 4, R, RS, G, GS, Y	
	RTG Airburst	
	Van Tiel Pyrotechnics:	
	Fuse Match (Bare, Piped, and Sparking)	
0503	Air bag inflators, pyrotechnic or air bag modules, pyrotechnic or seat belt pretensioners, pyrotechnic.	1.4G
0070	Cutters, cable, explosive. Articles consisting of a knife-edged device that is driven by a small charge of deflagrating explosive into an anvil.	1.4S
0105	Fuse, safety as listed below. Article consisting of a core of fine grained black powder (typically 65% potassium nitrate, 24% sulphur, and 11% carbon), 5 grams/metre surrounded by a flexible woven fabric with 1 or more protective outer coverings (bitumen, plastic, or yarn and wax). In some cases, sodium nitrate may be substituted for potassium nitrate.	1.4S
	Davey Bickford:	
	Safety Fuse	
	Orica (ICI):	
	Orange Superior and Selected Buff Safety Fuse	
	Safety Fuse	
	Alisa Waxed Safety Fuse	
	Redbull Powder Co:	
	Safety Fuse	
	Wano Schwarzpulver GmbH:	
	Safety Fuse	
0131	Lighters, fuse. Articles of various design actuated by friction, percussion, or electricity and used to ignite safety fuse.	1.4S
0323	Cartridges, power device as listed below. Articles consisting of a casing with a charge of deflagrating explosive and a means of ignition.	1.4S
	Ampac Industrial Cartridges	
	Baker Oil Tools, Power Charges Various, SN/PP	
	Bell Helicopter Textron:	
	Cartridge Power Device Item No 3098	
	Cartridge Actuator Devices Inc:	
	Cartridge Power Device P/N-BL11140-1	
	Gas Cartridge Actuator	

UN Number	Description	Hazard classification(s)
	Martin Baker Aircraft Co:	
	Seat Ejection Drogue Mk2 MBEU 299644-1	
	Nammo Vanasverken:	
	Power Unit-PC (for CG Power Cutter)	
	Pacific Scientific Company (Importer - Airwork NZ Ltd):	
	Fire Extinguisher Actuator for Aircraft	
	Schlumberger Reservoir Completions:	
	Power Super Set Propellant	
	Super Set Power Cartridge, SN/CAR	
	Swartklip Products South Africa:	
	Boulder Booster Cartridge 10gm and 15gm	
	Boulder Buster Cartridge	
	Titan Specialties Inc:	
	Power Charge, Titan, SN/PP	
	Walter Kidde:	
	Fire Extinguisher Actuator 58311 Series	
0337	Firework. Display pyrotechnics designed for entertainment and not covered by the Hazardous Substances (Fireworks) Regulations 2001: Bouquets, coloured fires and lights, crackers, fountains, gerbs, lances, maroons, mines, port fires, rockets, roman candles, saxons, scintilettes, serpents, squibs (with or without reports), tourbillions, wheels, and other manufactured fireworks, being in each case fireworks intended for display or entertainment purposes.	1.4S
0349	Articles, explosive, N.O.S. (not otherwise specified) as listed below:	
	Aerotech Model Rocket Engines:	
	Sizes E-G	
	Sizes H-M	
	Reloadable Motor Systems Sizes E-G, H-M	
	Orica:	
	Signal Tube Excel Connector Line	
	Nonel Tube (signal tube)	
	Rockbreaking Solutions Pty Ltd:	
	27.5mm PCF Cartridge	
	42mm PCF Cartridge	
	60mm PCF Cartridge	
0373	Signal devices, hand.	1.4S
0405	Cartridges, signal. Articles designed to fire coloured flares or other signals from signal pistols, and the like.	1.4S
0432	Articles, pyrotechnic (for technical purposes) as listed below. Articles that contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, and the like.	1.4S
	Aerotech Model Rocket Engines:	
	Sizes A-D	
	Reloadable Motor Systems Sizes A-D	
	C-I-L/Evan Inc Canada:	
	Streeks II	

UN Number	Description	Hazard classification(s)
	Estes:	
	Model Rocket Engine - Type A-D	
	Kemica Ltd:	
	Cassette Degradation (S-200) Red MaxiPak	
	Model Rectifier Corporation (MRC):	
	Model Rocket Engines A-C	
	Quest Aerospace Education USA:	
	Model Rocket Motors Sizes A-C	
0454	Igniters. Articles containing 1 or more explosive substances used to start deflagration in an explosives train. They may be actuated chemically, electrically, or mechanically. This term excludes the following articles that are listed separately, cord, igniter; fuse, igniter; fuse, non-detonating; fuzes, igniting; lighters, fuse; primers, cap type; primers, tubular.	1.4S

Schedule 4
Changes to controls relating to fireworks

r 6(1)

Control—Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 (SR 2001/116)	Changes to controls
Regulation 22	This regulation applies as if, for the words of either regulations 23 and 24, or regulation 25, there were substituted the words of regulation 23.
Regulation 23	The regulations apply as if regulation 23 were omitted and the following substituted: **23 Requirements for containers securing fireworks** (1) Any container (not being packaging) used to secure fireworks must be— (a) of fire-resisting construction; and (b) secured so that a person cannot gain access to it without tools, keys, or any other device for operating locks; and (c) monitored by a security system.
Regulation 24	The regulations apply as if regulation 24 were omitted.
Regulation 25	The regulations apply as if regulation 25 were omitted.
Regulation 27	This regulation applies as if subclauses (1)(f) and (3)(c) were omitted. This regulation applies as if, for subclause (1)(d), there were substituted: (d) no readily combustible material is present within 2 metres of the outside of a hazardous substance location holding up to 10 000 kg of fireworks in a standard ISO transport container, or within 5 metres of the outside of a hazardous substance location holding more than 10 000 kg of fireworks; and
Regulation 28	The regulations apply as if regulation 28 were omitted.
Regulation 29	The regulations apply as if regulation 29 were omitted.
Regulation 46	This regulation applies as if subclauses (1)(b) and (c), (2), and (3) were omitted.
Regulations 47 to 52	The regulations apply as if regulations 47 to 52 were omitted.

Control—Hazardous Substances (Identification) Regulations 2001 (SR 2001/124)	Changes to controls
Regulation 21	The regulations apply as if regulation 21 were omitted and the following substituted: **21 Secondary identifiers for fireworks** In addition to any information required by regulations 10 and 18, a firework must be identified by the following information: (a) a description of the principal effect of the firework; and (b) a warning related to use.
Regulation 52	The regulations apply as if regulation 52 were omitted and the following substituted: **52 Signage requirements** If fireworks are located in a building (but not in a particular room or compartment within it), there must be positioned at primary points of vehicular and pedestrian access to the building, and at primary points of vehicular and pedestrian access to land where the building is located, signage— (a) stating that fireworks are present; and

Control—Hazardous Substances (Identification) Regulations 2001 (SR 2001/124)	**Changes to controls**	
	(b)	stating the general type of hazard; and
	(c)	describing the general type of classification.
Control—Hazardous Substances (Disposal) Regulations 2001 (SR 2001/119)	**Changes to controls**	
Regulation 10	The regulations apply as if regulation 10 were omitted.	

Schedule 5
Changes to controls relating to safety ammunition

r 6(2)

Control—Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 (SR 2001/116)	**Changes to controls**
Regulation 31	This regulation applies as if subclause (2) were omitted.
Regulation 46	This regulation applies as if subclauses (1)(c), (2), and (3) were omitted.
Regulations 47 to 50	The regulations apply as if regulations 47 to 50 were omitted.
Control—Hazardous Substances (Identification) Regulations 2001 (SR 2001/124)	**Changes to controls**
Regulation 21	The regulations apply as if regulation 21 were omitted.
Regulation 52	The regulations apply as if regulation 52 were omitted and the following substituted: **52 Signage requirements** If safety ammunition is located in a building (but not in a particular room or compartment within it), there must be positioned at primary points of vehicular and pedestrian access to the building, and at primary points of vehicular and pedestrian access to land where the building is located, signage— (a) stating that safety ammunition is present; and (b) stating the general type of hazard; and (c) describing the general type of classification.
Control—Hazardous Substances (Disposal) Regulations 2001 (SR 2001/119)	**Changes to controls**
Regulation 10	The regulations apply as if regulation 10 were omitted.

Schedule 6
Changes to controls relating to other explosives

r 6(3)

Control—Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations 2001 (SR 2001/117)	**Changes to controls**
Regulations 5 and 6	The regulations apply as if regulations 5 and 6 were omitted.
Regulations 11 to 27	The regulations apply as if regulations 11 to 27 were omitted.
Regulations 29 and 30	The regulations apply as if regulations 29 and 30 were omitted.
Regulations 32 to 45	The regulations apply as if regulations 32 to 45 were omitted.

Control—Hazardous Substances (Identification) Regulations 2001 (SR 2001/124)	**Changes to controls**
Regulation 9	The regulations apply to picric acid, smokeless powder, gunpowder, and blasting explosives type A, B, and E as if regulation 9 were omitted.
Regulation 20	The regulations apply to smokeless powder, gunpowder, blasting explosives type A, B, and E as if regulation 20 were omitted.
Regulation 36(8)	The regulations apply to smokeless powder as if regulation 36(8) were omitted.
Regulation 53	The regulations apply to smokeless powder, gunpowder, and blasting explosives as if regulation 53 were omitted.

Control—Hazardous Substances (Emergency Management) Regulations 2001 (SR 2001/123)	**Change to controls**
Regulation 8(f)	The regulations apply to smokeless powder, gunpowder, and blasting explosives type A, B, and E as if regulation 8(f) were omitted.

Marie Shroff,
Clerk of the Executive Council.

Issued under the authority of the Acts and Regulations Publication Act 1989.
Date of notification in *Gazette*: 31 July 2003.

Contents

Notes

1 General

This is a reprint of the Hazardous Substances (Fireworks, Safety Ammunition, and Other Explosives Transfer) Regulations 2003. The reprint incorporates all the amendments to the regulations as at 1 July 2011, as specified in the list of amendments at the end of these notes.

Relevant provisions of any amending enactments that contain transitional, savings, or application provisions that cannot be compiled in the reprint are also included, after the principal enactment, in chronological order. For more information, *see* http://www.pco.parliament.govt.nz/reprints/.

2 Status of reprints

Under section 16D of the Acts and Regulations Publication Act 1989, reprints are presumed to correctly state, as at the date of the reprint, the law enacted by the principal enactment and by the amendments to that enactment. This presumption applies even though editorial changes authorised by section 17C of the Acts and Regulations Publication Act 1989 have been made in the reprint.

This presumption may be rebutted by producing the official volumes of statutes or statutory regulations in which the principal enactment and its amendments are contained.

3 How reprints are prepared

A number of editorial conventions are followed in the preparation of reprints. For example, the enacting words are not included in Acts, and provisions that are repealed or revoked are omitted. For a detailed list of the editorial conventions, *see* http://www.pco.parliament.govt.nz/editorial-conventions/ or Part 8 of the *Tables of New Zealand Acts and Ordinances and Statutory Regulations and Deemed Regulations in Force*.

4 Changes made under section 17C of the Acts and Regulations Publication Act 1989

Section 17C of the Acts and Regulations Publication Act 1989 authorises the making of editorial changes in a reprint as set out in sections 17D and 17E of that Act so that, to the extent permitted, the format and style of the reprinted

enactment is consistent with current legislative drafting practice. Changes that would alter the effect of the legislation are not permitted.

A new format of legislation was introduced on 1 January 2000. Changes to legislative drafting style have also been made since 1997, and are ongoing. To the extent permitted by section 17C of the Acts and Regulations Publication Act 1989, all legislation reprinted after 1 January 2000 is in the new format for legislation and reflects current drafting practice at the time of the reprint.

In outline, the editorial changes made in reprints under the authority of section 17C of the Acts and Regulations Publication Act 1989 are set out below, and they have been applied, where relevant, in the preparation of this reprint:

- omission of unnecessary referential words (such as "of this section" and "of this Act")
- typeface and type size (Times Roman, generally in 11.5 point)
- layout of provisions, including:
  - indentation
  - position of section headings (eg, the number and heading now appear above the section)
- format of definitions (eg, the defined term now appears in bold type, without quotation marks)
- format of dates (eg, a date formerly expressed as "the 1st day of January 1999" is now expressed as "1 January 1999")
- position of the date of assent (it now appears on the front page of each Act)
- punctuation (eg, colons are not used after definitions)
- Parts numbered with roman numerals are replaced with arabic numerals, and all cross-references are changed accordingly
- case and appearance of letters and words, including:
  - format of headings (eg, headings where each word formerly appeared with an initial capital letter followed by small capital letters are amended so that the heading appears in bold, with only the first word (and any proper nouns) appearing with an initial capital letter)
  - small capital letters in section and subsection references are now capital letters
- schedules are renumbered (eg, Schedule 1 replaces First Schedule), and all cross-references are changed accordingly
- running heads (the information that appears at the top of each page)

- format of two-column schedules of consequential amendments, and schedules of repeals (eg, they are rearranged into alphabetical order, rather than chronological).

5 List of amendments incorporated in this reprint (most recent first)

Environmental Protection Authority Act 2011 (2011 No 14): section 53(3)

Wellington, New Zealand:
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