



# THE SOUTH AUSTRALIAN GOVERNMENT GAZETTE

PUBLISHED BY AUTHORITY

ADELAIDE, THURSDAY, 5 DECEMBER 2024

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All instruments appearing in this gazette are to be considered official, and obeyed as such

## GOVERNOR'S INSTRUMENTS

### ACTS

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor directs it to be notified for general information that she has in the name and on behalf of His Majesty The King, this day assented to the undermentioned Bills passed by the Legislative Council and House of Assembly in Parliament assembled, viz.:

- No. 55 of 2024—Statutes Amendment (Parliament—Executive Officer and Clerks) Bill 2024  
An Act to amend the Parliament (Joint Services) Act 1985 and the Remuneration Act 1990
- No. 56 of 2024—Motor Vehicles (Motor Driving Instructors and Authorised Examiners) Amendment Bill 2024  
An Act to amend the Motor Vehicles Act 1959
- No. 57 of 2024—Retirement Villages (Miscellaneous) Amendment Bill 2024  
An Act to amend the Retirement Villages Act 2016
- No. 58 of 2024—Electoral (Accountability and Integrity) Amendment Bill 2024  
An Act to amend the Electoral Act 1985
- No. 59 of 2024—Statutes Amendment (Victims of Crime) Bill 2024  
An Act to amend the Sentencing Act 2017 and the Victims of Crime Act 2001
- No. 60 of 2024—Children and Young People (Oversight and Advocacy Bodies) (Child Death and Serious Injury Review Committee) Amendment Bill 2024  
An Act to amend the Children and Young People (Oversight and Advocacy Bodies) Act 2016
- No. 61 of 2024—Office for Early Childhood Development Bill 2024  
An Act to provide for an Office for Early Childhood Development, and for other purposes
- No. 62 of 2024—National Electricity (South Australia) (Orderly Exit Management Framework) Amendment Bill 2024  
An Act to amend the National Electricity (South Australia) Act 1996
- No. 63 of 2024—Greyhound Industry Reform Inspector Bill 2024  
An Act to establish a Greyhound Industry Reform Inspector to oversee implementation of the recommendations of the Independent Inquiry into the Governance of the Greyhound Racing Industry, and for other purposes
- No. 64 of 2024—Transplantation and Anatomy (Disclosure of Information and Delegation) Amendment Bill 2024  
An Act to amend the Transplantation and Anatomy Act 1983
- No. 65 of 2024—Statutes Amendment (Small Business Commission and Retail and Commercial Leases) Bill 2024  
An Act to amend the Small Business Commissioner Act 2011, the Retail and Commercial Leases Act 1995, the Fair Trading Act 1987, the Farm Debt Mediation Act 2018, the Late Payment of Government Debts (Interest) Act 2013 and the Work Health and Safety Act 2012
- No. 66 of 2024—Judicial Conduct Commissioner (Miscellaneous) Amendment Bill 2024  
An Act to amend the Judicial Conduct Commissioner Act 2015
- No. 67 of 2024—Electoral (Miscellaneous) Amendment Bill 2024  
An Act to amend the Electoral Act 1985 and to make related amendments to the Local Government Act 1999
- No. 68 of 2024—Preventive Health SA Bill 2024  
An Act to provide for the Office for Preventive Health SA, to confer functions on its Chief Executive, to establish the Preventive Health SA Council, and for other purposes

By command,

NATALIE FLEUR COOK, MP  
For Premier

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### APPOINTMENTS, RESIGNATION AND GENERAL MATTERS

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor in Executive Council has been pleased to appoint the undermentioned to the State Opera of South Australia Board, pursuant to the provisions of the State Opera of South Australia Act 1976:

Member: from 8 December 2024 until 7 December 2027  
Philippa Christine Williams  
Peter David Goldsworthy

By command,

NATALIE FLEUR COOK, MP  
For Premier

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor in Executive Council has been pleased to appoint the undermentioned to the Adelaide Festival Centre Trust, pursuant to the provisions of the Adelaide Festival Centre Trust Act 1971:

Member: from 21 January 2025 until 20 January 2028  
Bruce James Carter

By command,

NATALIE FLEUR COOK, MP  
For Premier

24ART0019CS

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor in Executive Council has been pleased to appoint the undermentioned to the Superannuation Funds Management Corporation of South Australia Board, pursuant to the provisions of the Superannuation Funds Management Corporation of South Australia Act 1995:

Director: from 5 December 2024 until 4 December 2027  
Melinda Anne OLeary

Director: from 19 December 2024 until 18 June 2025  
Judith Ann Smith

By command,

NATALIE FLEUR COOK, MP  
For Premier

T&F24/099CS

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor in Executive Council has been pleased to appoint David Glen Reynolds as Chief Executive of the South Australian Housing Trust for a term commencing 5 December 2024 until 1 July 2025 or until the appointment of a new Chief Executive - pursuant to section 68 of the Constitution Act 1934.

By command,

NATALIE FLEUR COOK, MP  
For Premier

24MSHCS04305

Department of the Premier and Cabinet  
Adelaide, 5 December 2024

Her Excellency the Governor in Executive Council has consented to the definition and classification of explosives made by the Executive Director, SafeWork SA, on 31 October 2024 as set out below, effective from 5 December 2024 - pursuant to section 6(1) of the Explosives Act 1936.

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1848	2020	410		0509	POWDER, SMOKELESS	1.4C	Y
1877	2020	2" Sidewinder II HNS DP 6.2 Gram Shaped Charge	100157018	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1877	2020	2" Sidewinder II HNS DP 6.2 Gram Shaped Charge	100157018	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
2220	2022	2.690" PREMIUM TUBING CUTTER	W.T. Bell International Part Number 2690T301; Schlumberger Part Number 100790570	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1875	2020	210 Frac HMX 21 gram shaped charge	102127122	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1875	2020	210 Frac RDX 21 gram shaped charge	102045430	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
2051	2021	250 Dominator HNS 1001, 25 g Shaped Charge	102326523	0440	CHARGES, SHAPED without detonator	1.4D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1566	2012	3 3/8 in 6 SPF Dominator Shape Charge				1.4D	ZZ
1486	2012	30' Conductor Cutter				1.1D	Z
1031	2012	400 Plastic				1.1D	ZZ
1498	2012	492-51 Booster HMX/HNS 200PE, Bi-Directional				1.4D	Z
1853	2020	5.375" Tubing Cutter	101053241	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1924	2020	7 Minute Delay Extender	A2001735007	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1069	2012	A Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
147	2012	A.N. Gelatine Dynamite				1.1D	ZZ
148	2012	A.N. Gelignite				1.1D	ZZ
149	2012	A.N. Ligdyn				1.1D	ZZ
1020	2012	ADI PROPELLANT - AS 70N		0161	POWDER, SMOKELESS	1.3C	Y
1327	1999	ADI Propellant Powder AP 90				1.3C	Y
1323	1999	ADI Propellant Powder AR 2210				1.3C	Y
1324	1999	ADI Propellant Powder AR 2213SC				1.3C	Y
1325	1999	ADI Propellant Powder AR 2216				1.3C	Y
1326	1999	ADI Propellant Powder AR 2217				1.3C	Y
1319	2005	ADI Propellant Powder AS30N				1.3C	Y
1322	1999	ADI Propellant Powder Varget				1.3C	Y
1320	1999	ADI Propellant Powder, Clays				1.3C	Y
1321	1999	ADI Propellant Powder, International				1.3C	Y
2255	2023	AECI Pentolite Primer		0042	BOOSTERS, without detonator	1.1D	Z
2085	2021	AEL DigiShot Plus Detonator - 10 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 15 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 20 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 30 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 40 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 60 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2085	2021	AEL DigiShot Plus Detonator - 80 m length		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1805	2020	Aerial Decoy, Aircraft, 36mm, BIRDIE		0093	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1665	2012	AET FC160 (Focal Charge 160mm)				1.1D	ZZ
1403	2012	African Booster (150 gram or 400 gram)				1.1D	ZZ
139	2012	Ajax				1.1D	ZZ
2204	2022	Alliant 20/28		0509	Powder, Smokeless	1.4C	Y
2200	2022	Alliant 2400		0509	Powder, Smokeless	1.4C	Y
2195	2022	Alliant AR-comp		0509	Powder, Smokeless	1.4C	Y
2197	2022	Alliant BE-86		0509	Powder, Smokeless	1.4C	Y
2201	2022	Alliant Blue Dot		0509	Powder, Smokeless	1.4C	Y
2205	2022	Alliant Bullseye		0509	Powder, Smokeless	1.4C	Y
2207	2022	Alliant Green Dot		0509	Powder, Smokeless	1.4C	Y
2208	2022	Alliant Herco		0509	Powder, Smokeless	1.4C	Y
2206	2022	Alliant Red Dot		0509	Powder, Smokeless	1.4C	Y
2050	2021	Alliant Reloader Family (Smokeless Powders) - Reloder 16		0509	POWDER, SMOKELESS	1.4C	Y
2050	2021	Alliant Reloader Family (Smokeless Powders) - Reloder 23		0509	POWDER, SMOKELESS	1.4C	Y
2050	2021	Alliant Reloader Family (Smokeless Powders) - Reloder 26		0509	POWDER, SMOKELESS	1.4C	Y
2050	2021	Alliant Reloader Family (Smokeless Powders) - Reloder 33		0509	POWDER, SMOKELESS	1.4C	Y
2196	2022	Alliant Sport Pistol		0509	Powder, Smokeless	1.4C	Y
2202	2022	Alliant Unique		0509	Powder, Smokeless	1.4C	Y
329	2012	Aluminium Torch				1.4G	X
42	2012	American Ballistite				1.1C	ZZ
140	2012	Amex				1.1D	ZZ
1700	2012	AMEX				1.1D	ZZ
1429	2012	Amex LD Series				1.1D	ZZ
1963	2020	Ammonium Nitrate		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1727	2012	Ammonium Nitrate - Merck (SSAN)				5.1	ZZ
1725	2012	Ammonium Nitrate - Sigma (SSAN)				5.1	ZZ
149	2012	Ammonium Nitrate Mineral Oil Mixture (Ammonium Nitrate Fuel Oil Mixture) (ANFO)				1.1D	ZZ
142	2012	Ammonium Nitrate Molasses Mixture (ANMO)				1.1D	ZZ
357	2012	Amorces				1.4S	X

<b>SWSA Reference</b>	<b>Year</b>	<b>Product Name</b>	<b>Part Number</b>	<b>UN Number</b>	<b>Proper Shipping Name</b>	<b>Class/Division/Compatibility Group</b>	<b>Category</b>
1634	2012	ANE 140 Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1635	2012	ANE 150 Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1606	2012	ANE 200 (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1636	2012	ANE 210 Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1637	2012	ANE 230 Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1772	2012	ANE 330 Emulsion Phase (SSAN)				5.1	ZZ
2017	2021	ANE 430		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2300	2024	ANE 6000		3375	AMMONIUM NITRATE BLASTING INTERMEDIATE	5.1	ZZ
2299	2024	ANE 6100		3375	AMMONIUM NITRATE BLASTING INTERMEDIATE	5.1	ZZ
1638	2012	ANE 800 Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1639	2012	ANE Advantage Emulsion Phase (SSAN)		0332	EXPLOSIVE, BLASTING, TYPE E	5.1	ZZ
1640	2012	ANE Coal Emulsion Phase (SSAN)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1446	2012	ANE Gold (SSAN)		0332	EXPLOSIVE, BLASTING, TYPE E	5.1	ZZ
1641	2008	ANE600		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1721	2012	ANFO		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1002	2012	ANFO HD		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1721	2012	ANFO HE		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1721	2012	ANFO LF		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
143	2012	ANFO P				1.1D	ZZ
1010	2012	ANFO PS 50/50		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1005	2012	ANFO PS 60/40		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1006	2012	ANFO PS 70/30		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1007	2012	ANFO PS 80/20		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
144	2012	ANFO/Polystyrene				1.1D	ZZ
146	2012	Anforce				1.1D	ZZ
150	2012	Anoline				1.1D	ZZ
2	2012	Anoline Delay Detonator				1.1B	Z
2012	2021	Anopril		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
151	2012	Anpower				1.1D	ZZ
152	2012	Anzite				1.1D	ZZ
640	2012	Anzite Blue				1.1D	ZZ
153	2012	Anzomex Booster				1.1D	ZZ
154	2012	Anzomex Power Plus Primer				1.1D	ZZ
611	2012	Anzomex Power Plus Primer				1.1D	ZZ
155	2012	Anzomex Primer				1.1D	ZZ
156	2012	Anzomex Slider				1.1D	ZZ
1243	2012	AP 100 (<15 Kg)		0161	POWDER, SMOKELESS	1.3C	Y
1017	2012	AP 30N		0161	POWDER, SMOKELESS	1.3C	
1018	2012	AP 50N		0161	POWDER, SMOKELESS	1.3C	
1021	2012	AP 70N (also known as UNIVERSAL)		0161	POWDER, SMOKELESS	1.3C	
2089	2021	APS Flake Propellant Powder - APS 250, 7.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 350, 0.5 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 350, 2 kg canister		0161	POWDER, SMOKELESS	1.3C	Y

<b>SWSA Reference</b>	<b>Year</b>	<b>Product Name</b>	<b>Part Number</b>	<b>UN Number</b>	<b>Proper Shipping Name</b>	<b>Class/Division/Compatibility Group</b>	<b>Category</b>
2089	2021	APS Flake Propellant Powder - APS 350, 7.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 450, 0.5 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 450, 2 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 450, 8.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 550, 8.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 550, 8.5 kg drum		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 650, 0.5 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 650, 2 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 650, 8.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 650, 8.5 kg drum		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 950, 0.5 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 950, 2 kg canister		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 950, 8.5 kg bag/box		0161	POWDER, SMOKELESS	1.3C	Y
2089	2021	APS Flake Propellant Powder - APS 950, 8.5 kg drum		0161	POWDER, SMOKELESS	1.3C	Y
2214	2021	AQUACHARGE 4D CLEAR 120		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 130		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 140		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 150		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 160		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 170		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 180		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2214	2021	AQUACHARGE 4D CLEAR 190		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ



SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1802	2020	Aquacharge Clear		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1802	2020	Aquacharge Clear - i		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1362	2012	Aquacharge Eclipse		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1360	2012	Aquacharge Eclipse Plus		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1475	2012	Aquacharge Extra		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
157	2012	Aquaflex				1.1D	ZZ
1699	2012	AquaMAX 1600 Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1919	2020	AquaMax 9000 Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2134	2021	Aquamax 9200		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1699	2012	AquaMAX Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
158	2012	Aquamex				1.1D	ZZ
159	2012	Aquapour				1.1D	ZZ
43	2012	AR 2051				1.1C	ZZ
44	2012	AR 2201				1.1C	ZZ
45	2012	AR 2202				1.1C	ZZ
46	2012	AR 2205				1.3C	
47	2012	AR 2206				1.3C	
48	2012	AR 2207				1.3C	
49	2012	AR 2208				1.3C	
50	2012	AR 2209				1.1C	ZZ
51	2012	AR 2211				1.1C	ZZ
1240	2012	AR 2213 (<15 Kg)		0161	POWDER, SMOKELESS	1.3C	Y
52	2012	AR 4001				1.1C	ZZ
53	2012	AR 4002				1.1C	ZZ
1436	2012	AR2208BD		0161	POWDER, SMOKELESS	1.3C	Y
1247	2012	AR2218		0161	POWDER, SMOKELESS	1.3C	Y
1309	2012	AR2219		0161	POWDER, SMOKELESS	1.3C	Y
1971	2020	AR28 Series Propellant Family	AR2206EU	0161	POWDER, SMOKELESS	1.3C	Y
1971	2020	AR28 Series Propellant Family	AR2208EU	0161	POWDER, SMOKELESS	1.3C	Y
1971	2020	AR28 Series Propellant Family	AR2209EU	0161	POWDER, SMOKELESS	1.3C	Y
1971	2020	AR28 Series Propellant Family	AR2875	0161	POWDER, SMOKELESS	1.3C	Y
54	2012	Ardeer Ballistite (Y or ZZ)				1.1C	Y/ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
55	2012	Ardeer Cordite (Y or ZZ)				1.1C	Y/ZZ
1018	2012	AS 50N		0161	POWDER, SMOKELESS	1.3C	
1866	2020	Assembly Detonator Secure 2	100282575	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1890	2020	Assembly Detonator Secure 2	T6005040	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1948	2020	Assembly Detonator, Ext Boot Secure 2	10120025	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1994	2020	Assembly, Detonator, Secure 2 HT	100813755	0030	DETONATORS, ELECTRIC for blasting	1.1B	ZZ
56	2012	Assembly, Powder Load for Core Gun				1.1C	ZZ
160	2012	Astrolite K-40				1.1D	ZZ
161	2012	Astrolite K-65				1.1D	ZZ
162	2012	Astrolite T				1.1D	ZZ
163	2012	Astro-Pak				1.1D	ZZ
1033	2012	Atlas No 18		0065	CORD, DETONATING, flexible	1.1D	ZZ
1034	2012	Atlas No 25		0065	CORD, DETONATING, flexible	1.1D	ZZ
164	2012	Austin Delay Primer				1.1D	ZZ
652	2012	Austin Primer				1.1D	ZZ
1464	2012	AusX Fracture		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1222	2012	AusX Isanol		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1465	2012	AusX Presplit		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1220	2012	AusX SLX600		0332	EXPLOSIVE, BLASTING, TYPE E (AGENT, BLASTING, TYPE E)	1.5D	ZZ
1466	2012	AusX T600		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1248	2012	AusX TMax Heavy ANFO Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1969	2017	AusX T-Max Mother Solution		3375	AMMONIUM NITRATE GEL, intermediate for blasting explosive	5.1	ZZ
2137	2021	AusX T-Max-N Mother Solution		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1414	2012	Autoliv Side Impact Airbag Module		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1896	2020	Autostem Cartridges		0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	X

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
166	2012	B.H.A.S. Furnace Bomb				1.1D	Z
1198	2012	Baker Primary Igniter, BP-3B		0325	IGNITERS	1.4G	Z
1500	2012	Baker Primary Igniters, BP-3S	H437442200 or PUR-6000-100	0325	IGNITERS	1.4G	X
1500	2012	Baker Primary Igniters, BP-4S	H437442200 or PUR-6000-200	0325	IGNITERS	1.4G	X
57	2012	Ballistite (Y or ZZ)				1.1C	Y/ZZ
803	2012	BD 260 Ballistic Disc		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1048	2012	BD 514 Ballistic Disc		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
1726	2012	BD100 Ballistic Disc		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
165	2012	Beldyn				1.1D	ZZ
1244	2012	Benchmark 1 (<15 Kg)		0161	POWDER, SMOKELESS	1.3C	Y
1245	2012	Benchmark 2 (<15 Kg)		0161	POWDER, SMOKELESS	1.3C	Y
1781	2012	Benchmaster		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1D	ZZ
1443	2012	Bestcord (3.6, 5, OR 10)		0065	CORD, DETONATING, flexible	1.1D	ZZ
1488	2012	Best-Trim		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1301	2012	BHAS Torpedo Tube Bomb		0048	CHARGES, DEMOLITION	1.1D	ZZ
1898	2020	Bird Banger		0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1221	2012	Birdfrite Mk2 Cartridge		0405	CARTRIDGES, SIGNAL	1.4S	X
1851	2020	Black MZ Propellant		0499	PROPELLANT, SOLID	1.3C	Y
1317	2012	Black Power Straw	CRT-3030-440BP	0441	CHARGES, SHAPED, without detonator	1.4S	ZZ
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Coloured Fire (white, green, red, violet, blue, amber)	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Coloured Smoke	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Coloured Star (silver, gold, red, amber, green)	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Confetti Cartridge	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Glitter Cartridge	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Micro Maroon	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Smoke Puff	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Streamer Cartridge	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1332	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Theatre Flash (red, green)	0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1333	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Flame Projectors	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1333	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Gerbs	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1333	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Jets	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1333	2012	Blakes Indoor Pyrotechnics (Sky High Stage FX Indoor Pyrotechnic Products)	Maroons (excluding micro items)	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1732	2012	Blast Hi-T		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
2305	2024	Blastech MN-31 Booster		0042	BOOSTER, without detonator	1.1D	ZZ
167	2012	Blasting Gelatine				1.1D	ZZ
1497	2012	Blastlite		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
1330	2012	Booster (1.4kg or 1.5kg)		0042	BOOSTER, without detonator	1.1D	ZZ
2306	2024	Booster 400g EB4004		0042	BOOSTER, without detonator	1.1D	ZZ
1891	2020	Booster HP10	H447624	0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.1B	Z
1459	2012	Booster, plastic, corded, 4G		0042	BOOSTER, without detonator	1.1D	ZZ
2098	2021	Booster, Receptor, TCF, HMX	100320861	0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4S	X
2227	2022	BP-5S PRIMARY IGNITER	Baker Hughes Part Number H437440001; Owen Oil Tool Part Number PUR-6000-201	0454	IGNITERS	1.4S	X
1254	2012	Breakrite		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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1427	2012	Bridge-Ignition		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
2118	2021	Brit-cord	Granicord	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP10	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP100	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP2	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP20	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP3	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP40	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP5	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP60	0065	CORD, DETONATING, flexible	1.1D	ZZ
2118	2021	Brit-cord	NP80	0065	CORD, DETONATING, flexible	1.1D	ZZ
1209	2012	BS-NACO		0161	POWDER, SMOKELESS	1.2C	Y
1812	2020	BS-Series Ball Charge	BS001	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1812	2020	BS-Series Ball Charge	BS001-E	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1812	2020	BS-Series Ball Charge	BS002	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1812	2020	BS-Series Ball Charge	BS002-E	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1673	2012	BST Detex Boosters		0042	BOOSTER, without detonator	1.1D	ZZ
1549	2012	Bullet Twin Primer Capwell		0042	BOOSTER, without detonator	1.1D	Z
1573	2012	Cal-Am Calcium Ammonium Nitrate (SSAN)				5.1	ZZ
58	2012	Canadian Rifle Powder 4740				1.1C	ZZ
1900	2020	CAPA		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
4	2012	Capped Fuse Delay Assembly				1.1B	Z
3	2012	Capped Safety Fuse				1.1B	Z
1088	2012	Carl Flemming Lifebuoy Smoke Marker		0197	SIGNALS, SMOKE	1.4G	X

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1422	2012	Cartridge type JARD 863 1		0381	POWER DEVICES, EXPLOSIVE	1.2C	Z
1421	2012	Cartridge type P300		0275	AMMUNITION, INDUSTRIAL	1.3C	Y
316	2012	Cartridges for Small Arms which are not Safety Cartridges				1.2C	Y
1556	2012	Cast Hexolite		0188	HEXOLITE	1.1D	ZZ
1294	2012	CB Underwater Conical Shaped Charge		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
642	2012	CBS Super Prime Booster				1.1D	ZZ
325	2012	CCR				1.3G	Y
1941	2020	CD-X Series		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1632	2012	Centra Eclipse		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1073	2012	Centra Extend		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1631	2012	Centra Gold		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1935	2020	Charge 1606M Puncher HNS	100434079	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1915	2020	Charge 2-1/2" Power Spiral Enerjet	H447244	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1861	2020	Charge 3406 Powerjet Nova HMX		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1861	2020	Charge 3406 Powerjet Nova HMX		0440	CHARGES, SHAPED without detonator	1.4D	X
1489	2012	Charge Demolition - Shaped 150mm, No.2, Mk.1		0048	CARTRIDGES, EXPLOSIVE	1.1D	ZZ
1886	2020	Charge Enerjet 111 HMX	H448246	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1886	2020	Charge Enerjet 111 HMX	H448246	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1858	2020	Charge Power Set 4512 HMX		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1858	2020	Charge Power Set 4512 HMX		0440	CHARGES, SHAPED without detonator	1.4D	X
1857	2020	Charge Powerjet 4512 Omega HMX		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1857	2020	Charge Powerjet 4512 Omega HMX		0440	CHARGES, SHAPED without detonator	1.4D	X
1860	2020	Charge Powerjet Omega 2906 HMX		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1860	2020	Charge Powerjet Omega 2906 HMX		0440	CHARGES, SHAPED without detonator	1.4D	X

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1910	2020	Charge Powerjet Omega 3506 HNS	100397875	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1951	2020	Charge Pure Puncher, HNS	PLSRD22	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
2032	2021	Charge, 1 11/16 Enerjet Puncher Big	100180021	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1897	2020	Charge, 1.63 Phased Power Enerjet, HMX	H447792	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1893	2020	Charge, 1.69 Power Spiral Enerjet, HMX	H447851	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1893	2020	Charge, 1.69 Power Spiral Enerjet, HMX	H447851	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1984	2020	Charge, 16065 Puncher, HNS	100434078	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1981	2020	Charge, 16066 Puncher, HNS	100434080	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1892	2020	Charge, 2 1/8 Powerjet Spiral Enerjet HMX	H447419	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1887	2020	Charge, 2006 Powerjet Nova, HMX	100917567	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1887	2020	Charge, 2006 Powerjet Nova, HMX	100917567	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1936	2020	Charge, 34JL Ultrajet HMX	4489401	0059	CHARGES, SHAPED without detonator	1.1D	X
1936	2020	Charge, 34JL Ultrajet HMX	4489401	0440	CHARGES, SHAPED without detonator	1.4D	X
2031	2021	Charge, 4505 PowerJet Nova HMX	101148863	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1888	2020	Charge, Powerjet 2006 HMX	100590597	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1888	2020	Charge, Powerjet 2006 HMX	100590597	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1993	2020	Charge, Powerjet 2506, HMX		0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1993	2020	Charge, Powerjet 2506, HMX		0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1912	2020	Charge, Powerjet 2906 HNS	H447764	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2148	2021	Charge, Powerjet 2906, HMX	H447464	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1982	2020	Charge, Powerjet 3406, HMX	H432446	0059	CHARGES, SHAPED, without detonator	1.1D	ZZ

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1983	2020	Charge, Powerjet 4505, HMX	447497	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2105	2021	Charge, Powerjet Omega, 4705, HNS		0440	CHARGES, SHAPED, without detonator	1.1D	ZZ
1972	2020	Charge, Powerjet, 1606, HMX	H447479	0059	CHARGES, SHAPED, without detonator	1.1D	X
1972	2020	Charge, Powerjet, 1606, HMX	H447479	0440	CHARGES, SHAPED, without detonator	1.4D	X
2070	2021	Charge, Pure Puncher 4505, HMX	100295464	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1540	2012	Charge, TNT, Uncased		0048	CARTRIDGES, EXPLOSIVE	1.1D	ZZ
1568	2012	CHG 7 in 12/14 SPF Mirage RDX SH Shape Charge		0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1630	2012	Civec Control		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1629	2012	Civec Drive		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1847	2020	Clay Dot		0161	POWDER, SMOKELESS	1.3C	Y
1652	2012	CLCP EBW Detonator (Non fluid or fluid disabled)		0030	BLASTING CAPS, ELECTRIC	1.1B	ZZ
1569	2012	CLCP Initiator Non breaching (non electric detonator)		0029	BLASTING CAPS, NON-ELECTRIC	1.1B	Z
59	2012	Clermonite				1.1C	ZZ
1947	2020	Clip Type Detonator OOT-APRV-064	DET-3050-321	0255	DETONATORS, ELECTRIC for blasting	1.4B	ZZ
1947	2020	Clip Type Detonator OOT-APRV-064	DET-3050-321	0456	DETONATORS, ELECTRIC for blasting	1.4S	ZZ
1947	2020	Clip Type Detonator OOT-APRV-064	DET-3050-322	0255	DETONATORS, ELECTRIC for blasting	1.4B	ZZ
1947	2020	Clip Type Detonator OOT-APRV-064	DET-3050-322	0456	DETONATORS, ELECTRIC for blasting	1.4S	ZZ
60	2012	Collodion Cotton				1.1C	Y
330	2012	Comet Handflare				1.4G	X
333	2012	Comet Light Smoke Signal				1.4G	X
318	2012	Comet Line Throwing Rocket				1.2G	Z
317	2012	Comet Parachute Signal Rocket				1.2G	Z
331	2012	Comet Smoke Signal				1.4G	X
332	2012	Comet Smoke Torch				1.4G	X
168	2012	Commercial Waterproof Primers				1.1D	ZZ
2145	2021	Composition A-3		0483	CYCLOTTRIMETHYLENE-TRINITRAMINE (CYCLONIT; HEXOGEN; RDX), DESENSITISED	1.1D	ZZ



SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2295	2024	Control Fire Cartridge Detonator	DETO-SBC-HT74-T	0456	DETONATORS, ELECTRIC, FOR BLASTING	1.4S	Z
2301	2024	Control Fire Cartridge Detonator	DETO-SCB-HT73-T V.30	0456	DETONATORS, ELECTRIC, for blasting	1.4S	Z
169	2012	Cordeau Bickford				1.1D	ZZ
1397	2021	Cordex 10P		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex 18		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex 5P		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex 5W		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex 5W Underground		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex AP		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex Pyrocord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1397	2021	Cordex XTL NC		0065	CORD, DETONATING, flexible	1.1D	ZZ
61	2012	Cordite (Y or ZZ)				1.1C	Y/ZZ
62	2012	Cordite A.N. (Y or ZZ)				1.1C	Y/ZZ
63	2012	Cordite A.S.N. (Y or ZZ)				1.1C	Y/ZZ
64	2012	Cordite C.D. (Y or ZZ)				1.1C	Y/ZZ
65	2012	Cordite H.W. (Y or ZZ)				1.1C	Y/ZZ
66	2012	Cordite M.D. (Y or ZZ)				1.1C	Y/ZZ
67	2012	Cordite W (Y or ZZ)				1.1C	Y/ZZ
68	2012	Cordite W.M. (Y or ZZ)				1.1C	Y/ZZ
170	2012	Cordline				1.1D	ZZ
5	2012	Cordline Delay Detonator				1.1B	Z
171	2012	Cordtex				1.1D	ZZ
1397	2021	Cordtex 3.6W		0065	CORD, DETONATING, flexible	1.1D	ZZ
2273	2024	CPMAI Ammonium Nitrate, 12.5 kg bags		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
358	2012	Crack Shot				1.4S	X

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2233	2022	Crewsaver Approved Distress Flares Inshore		0191	SIGNAL DEVICES, HAND	1.4G	X
2238	2022	CS3-1750, 3 Minute Smoke Generator	CS3-1750	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
2026	2021	CSBP Ammonium Nitrate, Prilled		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1701	2012	CSBP Porous Prill Ammonium Nitrate (SSAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1445	2012	Current Limiting Protector		0257	FUZE, combination, percussion or time	1.4B	X
1531	2012	CXM		0483	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITISED	1.1D	ZZ
2261	2023	CyberDet 1		0030	DETONATORS, ELECTRIC, for blasting	1.1B	Z
1344	2012	Cyclotrimethylenetrinitramine (Desensitised)		0483	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITISED	1.1D	ZZ
177	2012	D.P. 12				1.1D	ZZ
1607	2012	D-1208 Top Firing Detonator		0030	BLASTING CAPS, ELECTRIC	1.1B	Z
1763	2012	D60 & D80 Series Bullet Hit Squibs		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
655	2012	Danfo				1.1D	ZZ
657	2012	Danfo E1				1.1D	ZZ
2123	2021	Daveydet High Intensity Electric Detonator	54492	0255	DETONATORS, ELECTRIC for blasting	1.4B	ZZ
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	34171	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	42901	0259	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	42902	0260	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	42903	0262	DETONATORS, ELECTRIC for blasting	1.4B	Z

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2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	42910	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	42912	0257	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	47303	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	48151	0261	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	48623	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	49901	0267	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	51720	0256	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52006	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52008	0258	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52014	0263	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52015	0265	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52016	0266	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52017	0268	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52018	0269	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52019	0270	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	52020	0271	DETONATORS, ELECTRIC for blasting	1.4B	Z
2159	2021	DAVEYDET SR SEISMIC ELECTRIC DETONATOR	55128	0264	DETONATORS, ELECTRIC for blasting	1.4B	Z
2257	2023	DaveyTronic SP	53494	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	53495	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	53554	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z

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2257	2023	DaveyTronic SP	55677	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56891	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56892	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56904	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56994	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56995	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56996	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	56998	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57009	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57013	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57118	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57264	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57265	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57267	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57269	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57271	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	57273	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z

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2257	2023	DaveyTronic SP	57275	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	58812	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	58813	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	58814	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	59380	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	59973	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	59974	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	59975	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60007	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60008	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60009	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60010	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60011	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60012	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60013	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60014	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60016	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z

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2257	2023	DaveyTronic SP	60017	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60022	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60023	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60024	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60025	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60033	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60034	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60035	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60036	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60037	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60038	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60039	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60040	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60054	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60057	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60058	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60059	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z

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2257	2023	DaveyTronic SP	60062	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60063	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60064	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60073	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60103	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60931	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2257	2023	DaveyTronic SP	60941	0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2103	2021	DB Booster Universal - 400 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2103	2021	DB Booster Universal - 900 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2112	2021	DB Booster Universal C		0042	BOOSTERS, without detonator	1.1D	ZZ
2080	2021	DB Detonator LP Series - 1,100 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 1,400 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 1,700 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 2,000 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 2,300 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 2,700 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 25 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 3,100 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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2080	2021	DB Detonator LP Series - 3,500 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 3,900 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 4,400 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 4,900 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 5,400 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 5,900 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 500 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 6,500 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 7,200 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 8,000 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2080	2021	DB Detonator LP Series - 800 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2079	2021	DB Detonator MS Connector		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 1,000 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 100 ms delay	100 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 125 ms delay	125 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 175 ms delay	175 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 200 ms delay	200 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z



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2082	2021	DB Detonator MS DL HD Series - 225 ms delay	225 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 25 ms delay	25 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 250 ms delay	250 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 275 ms delay	275 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 300 ms delay	300 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 325 ms delay	325 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 350 ms delay	350 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 375 ms delay	375 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 400 ms delay	400 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 425 ms delay	425 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 450 ms delay	450 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 475 ms delay	475 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 50 ms delay	50 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 500 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 550 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 600 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 650 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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2082	2021	DB Detonator MS DL HD Series - 700 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 75 ms delay	75 ms delay	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 750 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 800 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2082	2021	DB Detonator MS DL HD Series - 900 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 1,000 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 100 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 125 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 150 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 175 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 200 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 225 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 25 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 250 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 275 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 300 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 325 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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2083	2021	DB Detonator MS DL Series - 350 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 375 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 400 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 425 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 450 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 475 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 500 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 550 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 600 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 650 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 700 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 750 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 800 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2083	2021	DB Detonator MS DL Series - 900 ms delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2081	2021	DB Detonator SL Series		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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2092	2021	DB Leadline - 1,000 m length		0349	ARTICLES, EXPLOSIVE, N.O.S	1.4S	X
2091	2021	DB Starter Series - 1,200 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2091	2021	DB Starter Series - 1,500 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2091	2021	DB Starter Series - 2,000 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2116	2021	DBAnchor		0042	BOOSTERS, without detonator	1.1D	ZZ
2114	2021	DBCord Series	DBCord 5	0065	CORD, DETONATING, flexible	1.1D	ZZ
1658	2012	DBS Boosters		0042	BOOSTER, without detonator	1.1D	ZZ
1786	2012	Debrix 13				1.1D	ZZ
6	2012	Delay Detonator				1.1B	Z
1496	2012	Den-CO-Fume Carbon Monoxide Fumigant Cartridge		0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	V
172	2012	Detacord				1.1D	ZZ
1106	2012	Detagel (DWL)		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1063	2012	Detagel Presplit		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1064	2012	Detagel TES		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
650	2012	Detaline Cord				1.1D	ZZ
1153	2012	Detaline MS In-hole Delay Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1152	2012	Detaline MS Surface Delay Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1151	2012	Detaline Starter Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1571	2012	DetaPrill Ammonium Nitrate (SSAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
173	2012	Detaprime				1.1D	ZZ
174	2012	Detasheet				1.1D	ZZ
633	2012	Detaslide				1.1B	Z
2296	2024	DET-GF-3SB	DET-GF-3SB	0255	Detonators, electric	1.4B	Z
175	2012	Detonating Cord				1.1D	ZZ
1854	2020	Detonating cord 87 GR/FT Pb round		0290	CORD (FUSE), DETONATING, metal clad	1.1D	ZZ
1511	2012	Detonating Cord Family, 1.1D (air pack)		0065	CORD, DETONATING, flexible	1.1D	ZZ

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1511	2012	Detonating Cord Family, 1.4D (air pack)	016-0412-025	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	06-77387-00	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	236595-000	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-023A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-007A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-031A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-030A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-024A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-023A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-022A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-021A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-017A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-027A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-011A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-006A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-004A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-001A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-035A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-013A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-019A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0500-005A	0289	CORD, DETONATING, flexible	1.4D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-032A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-031A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-029A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-025A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-024A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-032A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-020A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0325-033A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-018A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-017A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-016A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-015A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-014A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-007A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0550-001A	0289	CORD, DETONATING, flexible	1.4D	ZZ
1511	2012	Detonating Cord Family, 1.4D (air pack)	DET-0412-022A	0289	CORD, DETONATING, flexible	1.4D	ZZ
176	2012	Detonating Cord Primers				1.1D	ZZ
1565	2012	Detonating Cord, 80gr / ft HMX XHV Zytel		0289	CORD, DETONATING, flexible	1.4D	ZZ
6	2012	Detonating Relay				1.1B	Z
7	2012	Detonator				1.1B	Z
1834	2020	Detonator Red Block HMX	102478439	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1836	2020	Detonator Red Top Fire Electric		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1974	2020	Detonator, Percussion, Hi Temperature	H524167	0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	z

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2039	2021	DFC-10 Resistorise Fluid Disabled Electric Detonator	H448887	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1610	2012	Digidet		0361	BLASTING CAP ASSEMBLIES	1.4B	Z
2109	2021	DigiShot Plus.4G - 18 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 24 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 30 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 36 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 46 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 55 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 65 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2109	2021	DigiShot Plus.4G - 75 m length		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1128	2012	Doubledet Cast Booster		0042	BOOSTER, without detonator	1.1D	ZZ
2071	2021	Driftshot Starter		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1810	2020	DS-Series Burster	DS001	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1810	2020	DS-Series Burster	DS002	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1810	2024	DS-Series Bursters	DS015	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1810	2024	DS-Series Bursters	DS20/20	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
9	2012	DuPont Acudet Delay Electric Blasting Cap				1.1B	Z
178	2012	DuPont Detadrive Boosters				1.1D	ZZ
179	2012	DuPont Gelatin				1.1D	ZZ
180	2012	DuPont Gelex 1				1.1D	ZZ
181	2012	DuPont Gelex 2				1.1D	ZZ
182	2012	DuPont Gelobel AA				1.1D	ZZ
183	2012	DuPont H.D.P. Primers				1.1D	ZZ
69	2012	DuPont Hi-Skor 800 X				1.1C	ZZ
184	2012	DuPont Hi-Velocity Gelatin 60%				1.1D	ZZ
11	2012	DuPont Ledcore Delay Assembly				1.1B	Z

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10	2012	DuPont Millisecond Delay Electric Blasting Cap				1.1B	Z
185	2012	DuPont Nitramon S				1.1D	ZZ
186	2012	DuPont Nitramon S Primers				1.1D	ZZ
187	2012	DuPont Nitramon WW				1.1D	ZZ
188	2012	DuPont Nitramon WW-EL				1.1D	ZZ
12	2012	DuPont No. 6 Blasting Cap				1.1B	Z
13	2012	DuPont No. 6 Electric Blasting Cap				1.1B	Z
70	2012	DuPont Powder HN Shotgun				1.1C	ZZ
71	2012	DuPont Powder IMR 3031				1.1C	ZZ
72	2012	DuPont Powder IMR 4064				1.1C	ZZ
73	2012	DuPont Powder IMR 4198				1.1C	ZZ
74	2012	DuPont Powder IMR 4227				1.1C	ZZ
75	2012	DuPont Powder IMR 4320				1.1C	ZZ
76	2012	DuPont Powder IMR 4350				1.1C	ZZ
77	2012	DuPont Powder IMR 4831				1.1C	ZZ
78	2012	DuPont Powder IMR 4895				1.1C	ZZ
79	2012	DuPont Powder P5066				1.1C	ZZ
80	2012	DuPont Powder PB				1.1C	ZZ
81	2012	DuPont Powder PB6				1.1C	ZZ
82	2012	DuPont Powder SR4756				1.1C	ZZ
83	2012	DuPont Powder SR4759				1.1C	ZZ
84	2012	DuPont Powder SR7625				1.1C	ZZ
15	2012	DuPont Primacord Millisecond Connector				1.1B	Z
189	2012	DuPont Red Arrow 1				1.1D	ZZ
190	2012	DuPont Red Arrow 2				1.1D	ZZ
191	2012	DuPont Seismograph Hi-Velocity 60% Gelatin				1.1D	ZZ
192	2012	DuPont Special Detonating Cord				1.1D	ZZ
193	2012	DuPont Special Gelatin 60%				1.1D	ZZ
194	2012	DuPont Special Gelatin 75%				1.1D	ZZ
14	2012	DuPont 'SSS' Seismograph Electric Blasting Cap				1.1B	Z
195	2012	DuPont Water Work Booster				1.1D	Z
196	2012	DuPont Win-Coal AA				1.1D	ZZ
1290	2012	Dynadet-TE Instantaneous Detonators		0255	BLASTING CAPS, ELECTRIC	1.4B	Z



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1757	2012	DYNAenergetics Charges, Shaped		0440	BOOSTER, without detonator	1.4D	X
1755	2012	Dynaenergetics Electric Detonators		0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
1755	2012	Dynaenergetics Electric Detonators		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1082	2012	Dynagex		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
1083	2012	Dynagex C		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
2286	2023	DynaSlot Perforating Gun Systems		0124	JET PERFORATING GUNS, CHARGED	1.1D	Z
2285	2023	DynaWell 32G Slot ST HMX	2324060	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1498	2012	Dynawell Bi-Directional Boosters HMX/HNS		0352	ARTICLES, EXPLOSIVE, N.O.S.	1.4D	Z
1505	2012	Dynawell Electric Detonator family		0030	BLASTING CAPS, ELECTRIC	1.1B	Z
1825	2020	Dynawell HNS-Cord PT 250 HNS		0065	CORD, DETONATING, flexible	1.1D	ZZ
1609	2012	Dyno Line		0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	X
831	2012	Dyno Stinger		0042	BOOSTER, without detonator	1.1D	ZZ
1408	2012	Dyno Stinger (10 gram)		0042	BOOSTER, without detonator	1.1D	ZZ
879	2012	Dyno Wesfarmers Special 18 Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
878	2012	Dyno Wesfarmers Special 18AA Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
880	2012	Dyno Wesfarmers Special 25 Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1001	2012	Dyno Wesfarmers Special 25A Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1038	2012	Dyno Wesfarmers Special 25AA Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1053	2012	Dyno Wesfarmers Special 40 Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
651	2012	Dyno Wesfarmers Special 50 Detonating Cord				1.1D	ZZ
1111	2012	Dynoprime		0042	BOOSTER, without detonator	1.1D	ZZ
1191	2012	Dynoseis		0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D	ZZ
1959	2020	DynoSplit PRO		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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1960	2020	DynoSplit PRO RiGHT		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1674	2012	DynoSplit Right		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2266	2023	E*Star Detonator		0512	DETONATORS, ELECTRONIC programmable for blasting	1.4B	Z
2266	2023	E*Star Detonator		0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
2267	2023	E*Star Starter Detonator		0513	DETONATORS, ELECTRONIC programmable for blasting	1.4S	Z
85	2012	E.C. Sporting Powder				1.1C	ZZ
1407	2012	Easicut Mesh Cutters		0042	BOOSTER, without detonator	1.1D	ZZ
197	2012	Econex				1.1D	ZZ
198	2012	E-Cord				1.1D	ZZ
359	2012	Electric Arcing Match				1.4S	X
16	2012	Electric Booster				1.1B	Z
17	2012	Electric Delay Action Detonator				1.1B	Z
18	2012	Electric Delay Action Detonator (Gasless)				1.1B	Z
19	2012	Electric Detonator				1.1B	Z
327	2012	Electric Detonators				1.4B	Z
1204	2012	Electric Instantaneous II Detonators		0030	BLASTING CAPS, ELECTRIC	1.1B	Z
1204	2012	Electric Instantaneous II Detonators		0255	BLASTING CAPS, ELECTRIC	1.4B	Z
334	2012	Electric Lighter for CCR				1.4G	X
360	2012	Electric Lighter for Igniter Cord				1.4S	X
20	2012	Electric Squib				1.1B	Z
1216	2012	Electric Super Seismicdet		0030	BLASTING CAPS, ELECTRIC	1.1B	ZZ
1004	2012	Electric Super SP		0030	BLASTING CAPS, ELECTRIC	1.1B	Z
1710	2012	Electric Super Starter		0030	BLASTING CAPS, ELECTRIC	1.4B	Z
364	2012	Eley Kynoch No. 175 Small Pistol Primer				1.4S	X
365	2012	Eley Kynoch No. 176 Large Rifle Primer				1.4S	X
366	2012	Eley Kynoch No. 177 Small Rifle Primer				1.4S	X
367	2012	Eley Kynoch No. 178 Large Pistol Primer				1.4S	X
361	2012	Eley Kynoch No. 1A Percussion Cap				1.4S	X
362	2012	Eley Kynoch No. 1B Percussion Cap				1.4S	X
363	2012	Eley Kynoch No. 91 Percussion Cap				1.4S	X
636	2012	Emulan				1.1D	ZZ

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639	2012	Emulite 100		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1042	2012	Emulite 100 G		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1114	2012	Emulite 100W		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1043	2012	Emulite 130 G		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1044	2012	Emulite 150 G		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
637	2012	Emulite 200 (packaged)				1.5D	ZZ
1045	1994	Emulite 200 G		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1036	1992	Emulite 300 G		0332	EXPLOSIVE, BLASTING, TYPE E	1.5D	ZZ
1046	2012	Emulite 300 G		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1055	2012	Emulite 415		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1056	2012	Emulite 416		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1057	2012	Emulite 417		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1076	2012	Emulite 850		0332	EXPLOSIVE, BLASTING, TYPE E	1.5D	ZZ
1077	2012	Emulite 890		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1 1/2" x 10" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1 1/2" x 16" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1 1/4" x 10" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1 1/4" x 16" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1" x 10" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 1" x 8" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 3 1/2" x 16" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2096	2021	Emultex 3" x 8" cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1448	2012	Enaex Doubledet Booster		0042	BOOSTER, without detonator	1.1D	ZZ
1447	2012	Enaex HDP Booster		0042	BOOSTER, without detonator	1.1D	ZZ
2095	2021	Enaline - 1 1/2" x 10 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 1/2" x 11 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 1/2" x 12 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 1/2" x 16 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 1/4" x 12 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 1/4" x 8 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 1 3/4" x 15 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2095	2021	Enaline - 2" x 8 m cartridge		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-301	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-301BE	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-301BH	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-301E	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-301T	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-401	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-401E	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-401NB	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-401NT	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-401NTX	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-1687-501NT	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-301BE	0440	CHARGES, SHAPED without detonator	1.4D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-301E	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401.25N	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401.25X	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401BE	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401E	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401NB	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401NT	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-401NTX	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
1832	2020	Encapsulated Perforators (OOT-APRV-014A)	STP-2125-501NT	0440	CHARGES, SHAPED without detonator	1.4D	ZZ
199	2012	Energan				1.1D	ZZ
200	2012	Energan 2500 Series				1.1D	ZZ
610	2012	Energan 2600 Series				1.1D	ZZ
658	2012	Energan 2861				1.1D	ZZ
1249	2012	Energan Gold 2600 Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1355	2012	Energan Nova 2600 Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1458	2012	Energan VE Series	Energan VE 10	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1458	2012	Energan VE Series	Energan VE 11	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1458	2012	Energan VE Series	Energan VE 12	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1458	2012	Energan VE Series	Energan VE 13	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1458	2012	Energan VE Series Emulsion Phase - EP VE		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
202	2012	Ensign Bickford Cast Booster				1.1D	ZZ
203	2012	Ensign Bickford Slip-on Booster				1.1D	ZZ
1965	2020	Envirex Series		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
627	2012	ERT Barlite				1.1D	ZZ
630	2012	ERT Detonator				1.1B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
629	2012	ERT Electric Detonator				1.1B	Z
631	2012	ERT Half-second Delay Electric Detonator				1.1B	Z
607	2012	ERT Isanol				1.5D	ZZ
632	2012	ERT Millisecond Delay Electric Detonator				1.1B	Z
628	2012	ERT Primer				1.1D	ZZ
601	2012	ERT PSB Shotgun Powder				1.1C	ZZ
1185	2012	ERT Seismic Electric Detonators		0030	BLASTING CAPS, ELECTRIC	1.1B	Z
204	2012	ETS Barlite				1.1D	ZZ
607	2012	ETS Isanol				1.5D	ZZ
205	2012	ETS Primer				1.1D	ZZ
206	2012	Exactex				1.1D	ZZ
1200	2012	Exel Bunchdet Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	ZZ
1202	2012	Exel Connectadet 6 Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1052	2012	Exel Connectadet Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1411	2012	Exel Connectaline		0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	X
1117	2012	Exel Detonator (MS and LP Series)		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1117	2012	EXEL Detonator (MS and LP Series)		0361	BLASTING CAP ASSEMBLIES	1.4B	Z
1431	2012	Exel Develdet Detonators		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
2011	2021	Exel Develdet Splitter - 2.4 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
1201	2012	Exel Enduradet Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1207	2012	Exel GOLDET 6 Detonator		0360	BLASTING CAP ASSEMBLIES	1.1B	Z
1081	2012	Exel GOLDET Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1118	2012	Exel LLHD Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1120	2012	Exel MS Connector		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1122	2012	EXEL Signal Tube		0349	ARTICLES, EXPLOSIVE, N.O.S.	1.4S	X
1121	2012	Exel Trunkline Delay		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1121	2012	EXEL Trunkline Delay		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
811	2012	Exeldet Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1444	2012	EziCord		0065	CORD, DETONATING, flexible	1.1D	ZZ
2038	2021	Eziprime		0042	BOOSTERS, without detonator	1.1D	ZZ
2101	2021	Ezipump DV Series (1000 - 5000)		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1541	2012	EziSplit		0082	EXPLOSIVE, BLASTING TYPE B	1.1D	ZZ
1669	2012	EziStarters		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2127	2021	EZShot Electronic Detonator	YLPN001640 20	0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2187	2021	FAMESA COBRA #8 PLAIN DETONATOR		0455	DETONATOR , NON-ELECTRIC FOR BLASTING	1.4S	Z
2124	2021	FC 64		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
1758	2012	FC115 - 60 (Focal Charge 115mm)		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
1811	2020	FF-Series Burster	FF001	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1811	2020	FF-Series Burster	FF002	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1733	2012	Flex		0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
207	2012	Flexicord				1.1D	ZZ
1800	2020	Flexigel Clear - i100	Flexigel Clear - i100	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1800	2020	Flexigel Clear - i80	Flexigel Clear - i80	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1800	2020	Flexigel Clear 100	Flexigel Clear 100	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1800	2020	Flexigel Clear 80	Flexigel Clear 80	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1086	2012	Floating Orange Smoke Distress Signal		0197	SIGNALS, SMOKE	1.4G	X
1901	2020	Flobert 6mm Blank		0014	CARTRIDGES FOR WEAPONS, BLANK	1.4S	X

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1210	2012	FNH016		0161	POWDER, SMOKELESS	1.2C	Y
1471	2012	FNH025 propellant		0161	POWDER, SMOKELESS	1.2C	Y
1211	2012	FNHP0.6		0161	POWDER, SMOKELESS	1.3C	Y
2125	2021	Forprime 25		0042	BOOSTERS, without detonator	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 110		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 120		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 130		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 140		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 150		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 160		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2216	2021	FORTAN 4D CLEAR 170		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
1480	2012	Fortan Advantage System	Fortan Advantage 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1480	2012	Fortan Advantage System	Fortan Advantage 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1480	2012	Fortan Advantage System	Fortan Advantage 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1480	2012	Fortan Advantage System	Fortan Advantage 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1615	2012	Fortan Coal System	Fortan Coal 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1615	2012	Fortan Coal System	Fortan Coal 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1615	2012	Fortan Coal System	Fortan Coal 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1615	2012	Fortan Coal System	Fortan Coal 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1365	2012	Fortan Eclipse	Fortan Eclipse 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1365	2012	Fortan Eclipse	Fortan Eclipse 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1365	2012	Fortan Eclipse	Fortan Eclipse 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1365	2012	Fortan Eclipse	Fortan Eclipse 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ



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1364	2012	Fortan Eclipse Plus	Fortan Eclipse Plus 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1364	2012	Fortan Eclipse Plus	Fortan Eclipse Plus 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1364	2012	Fortan Eclipse Plus	Fortan Eclipse Plus 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1364	2012	Fortan Eclipse Plus	Fortan Eclipse Plus 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1476	2012	Fortan Extra System	Fortan Extra 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1476	2012	Fortan Extra System	Fortan Extra 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1476	2012	Fortan Extra System	Fortan Extra 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1476	2012	Fortan Extra System	Fortan Extra 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1616	2012	Fortan Vulcan System	Fortan Vulcan 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1616	2012	Fortan Vulcan System	Fortan Vulcan 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1616	2012	Fortan Vulcan System	Fortan Vulcan 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1616	2012	Fortan Vulcan System	Fortan Vulcan 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1633	2012	Fortan Xtreme System	Fortran Xtreme 10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1633	2012	Fortan Xtreme System	Fortran Xtreme 11	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1633	2012	Fortan Xtreme System	Fortran Xtreme 12	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1633	2012	Fortan Xtreme System	Fortran Xtreme 13	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR	100	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR	110	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR	120	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR	130	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR	140	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ

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2215	2021	FORTIS 4D CLEAR 150		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 160		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 170		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 180		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 70		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 80		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2215	2021	FORTIS 4D CLEAR 90		0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
1617	2012	Fortis Advantage		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1620	2012	Fortis Clear		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1801	2020	Fortis Clear iS		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1801	2020	Fortis Clear S		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1618	2012	Fortis Coal		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1621	2012	Fortis Deep		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1622	2012	Fortis Deep Plus		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1366	2012	Fortis Eclipse Plus		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1477	2012	Fortis Extra System	Fortis Extra	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1477	2012	Fortis Extra System	Fortis Extra ES	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1477	2012	Fortis Extra System	Fortis Extra H	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1477	2012	Fortis Extra System	Fortis Extra S	0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1619	2012	Fortis Marathon		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1623	2012	Fortis Vulcan		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1358	2012	Fortis Vulcan Plus Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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1624	2012	Fortis Xtreme		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1932	2020	Foti Electric Igniter for Shock Tube FEL-ST		0325	IGNITERS	1.4G	X
1112	2012	FS Seismic Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1442	2012	Fume Hood Torpedo Bomb		0048	CHARGES, DEMOLITION	1.1D	ZZ
21	2012	Fuse Delay Assembly				1.1B	Z
368	2012	Fuse Lighters Dragon Brand				1.4S	X
22	2012	Gasless Delay Detonator				1.1B	Z
208	2012	Gelamex A				1.1D	ZZ
209	2012	Gelamex B				1.1D	ZZ
210	2012	Gelamex C				1.1D	ZZ
211	2012	Gelatine Dynamite 60%				1.1D	ZZ
212	2012	Gelatine Dynamite 80%				1.1D	ZZ
213	2012	Gelignite				1.1D	ZZ
2212	2021	Geltek Series	Geltek N10	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N100	0250	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N20	0242	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N30	0243	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N40	0244	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N50	0245	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N60	0246	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N70	0247	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N80	0248	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2212	2021	Geltek Series	Geltek N90	0249	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
214	2012	Geoflex				1.1D	ZZ
215	2012	Geophex				1.1D	ZZ
2160	2021	GEOPRIME dBX	R00659	0042	BOOSTERS, without detonator	1.1D	ZZ
2160	2021	GEOPRIME dBX	R00660	0042	BOOSTERS, without detonator	1.1D	ZZ
2160	2021	GEOPRIME dBX	R00662	0042	BOOSTERS, without detonator	1.1D	ZZ

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2169	2022	GeoShot Electronic Detonator – 11m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 14m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 20m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 24m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 3.5m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 30m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 37m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 45m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 54m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
2169	2022	GeoShot Electronic Detonator – 7m		0255	DETONATORS, ELECTRIC, for blasting	1.4B	Z
216	2012	Glass Strip Jet				1.1D	ZZ
649	2012	Goma 1-ED Gelatine Dynamite				1.1D	ZZ
648	2012	Goma 2 E-C Gelatine Dynamite				1.1D	ZZ
1067	2012	Green Cap Booster		0042	BOOSTER without detonator	1.1D	ZZ
217	2012	Guncotton				1.1D	ZZ
218	2012	Gunpowder				1.1D	ZZ
219	2012	GX 20 Slurrán				1.5D	ZZ
605	2012	GX 20 Slurrán				1.5D	ZZ
2226	2022	Handflare, Red-Aurora	9529280	0191	SIGNAL DEVICES, HAND	1.4G	X
2226	2022	Handflare, Red-Comet	9162800	0191	SIGNAL DEVICES, HAND	1.4G	X
2226	2022	Handflare, Red-Comet	9162815	0191	SIGNAL DEVICES, HAND	1.4G	X
2226	2022	Handflare, Red-PainsWessex, MK8	9529000	0191	SIGNAL DEVICES, HAND	1.4G	X
1049	2012	Handibulk Dry		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1073	2012	Handibulk Supadry		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1072	2012	Handibulk Supawet		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1453	2012	Handibulk Supawet Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1050	2012	Handibulk Wet		0332	EXPLOSIVE, BLASTING, TYPE E	1.5D	ZZ

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2190	2021	HAPITH I HYBRID ROCKET		N/A	N/A	N/A	N/A
1205	2012	HDP 120 Booster		0042	BOOSTER, without detonator	1.1D	ZZ
1206	2012	HDP 900 Booster		0042	BOOSTER, without detonator	1.1D	ZZ
1395	2012	HDP Booster - 150 g		0042	BOOSTER, without detonator	1.1D	ZZ
1395	2012	HDP Booster - 400 g		0042	BOOSTER, without detonator	1.1D	ZZ
1159	2012	HDP NDS Cast Booster		0042	BOOSTER, without detonator	1.1D	ZZ
654	2012	HDP Primer				1.1D	ZZ
1110	2012	HDP-400LP Booster		0042	BOOSTER, without detonator	1.1D	ZZ
1918	2020	Heat 9000 Series		3375	Explosive not of Class 1	5.1	ZZ
2138	2021	Heat 9200		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1691	2012	HEAT Emulsion		0332	EXPLOSIVE, BLASTING TYPE E	1.5D	ZZ
1047	2012	Hemispherical Shaped Charge HSC 300		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
1058	2012	Hemispherical Shaped Charge HSC 53		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
92	2012	Hercules 2400				1.1C	ZZ
86	2012	Hercules Blue Dot				1.1C	ZZ
87	2012	Hercules Bullseye				1.1C	ZZ
88	2012	Hercules Green Dot				1.1C	ZZ
89	2012	Hercules Herco				1.1C	ZZ
90	2012	Hercules Red Dot				1.1C	ZZ
91	2012	Hercules Unique				1.1C	ZZ
1284	2012	HERICA No. 8 Plain Detonator		0029	BLASTING CAPS, NON-ELECTRIC	1.1B	Z
1482	2012	Hexolite - Quin		0118	HEXOLITE (HEXOTOL), dry or wetted with less than 15% water, by mass	1.1D	ZZ
1261	2012	Hexolite (Composition B)		0118	HEXOLITE (HEXOTOL), dry or wetted with less than 15% water, by mass	1.1D	ZZ
1307	2012	Hexolite, Charges Uncased		0048	CHARGES, DEMOLITION	1.1D	ZZ
93	2012	Hi Skor 700X				1.1C	ZZ
220	2012	Higel				1.1D	ZZ
1493	2012	Hilti DX Cartridges for Power-Actuated Fastening Tools		0323	CARTRIDGES, POWER DEVICE	1.4S	X
1835	2020	HMX Block Detonator (Red) Fast Response		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2139	2021	HMX Booster, 12.7 mm	101653762	0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1.4B	Z

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1862	2020	HMX Oil Well Cartridge (Bi-Directional Booster)	H447381	0352	Articles, Explosive, N.O.S.	1.4D	Z
1760	2012	HNS Initiator		0455	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2065	2021	Hodgdon CFE 2231 Powder	CFE2231	0161	POWDER, SMOKELESS	1.3C	Y
2045	2021	Hodgdon CFE Pistol Powder		0161	POWDER, SMOKELESS	1.3C	Y
2066	2021	Hodgdon Leverevolution Powder	HLR1	0161	POWDER, SMOKELESS	1.3C	Y
2067	2021	Hodgdon Lilgun Powder	LILGUN	0161	POWDER, SMOKELESS	1.3C	Y
2068	2021	Hodgdon Longshot Powder	LONGSHOT	0161	POWDER, SMOKELESS	1.3C	Y
1318	1999	Hornet Detonator, Low Temp	DET-3050-127A	0455	DETONATORS, NON-ELECTRIC for blasting	1.4s	ZZ
370	2012	Hot Wire Fuse Lighter				1.4S	X
1492	2012	HotShot Electronic Detonator		0456	DETONATORS, ELECTRIC for blasting	1.4B	Z
335	2012	Howard Fuse Igniters				1.4G	X
221	2012	Hydrogel				1.1D	ZZ
222	2012	Hydromex				1.1D	ZZ
223	2012	I.D.L. Cord				1.1D	ZZ
371	2012	Ignitacord Connector				1.4S	X
372	2012	Igniter Cord Connector				1.4S	X
2014	2021	Igniter Needle	H223460	0121	IGNITERS	1.1G	Z
1830	2020	Igniter, Thermal Igniter, RED, Go Style		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
854	2012	Igniters (Applied Explosives Technology)		0454	IGNITERS	1.4S	X
1557	2012	Ikaros Buoyant Smoke Signal (Marine Flare)				1.4G	Y
1729	2012	Ikaros Hand Held Flare (Red)		0197	SIGNALS, SMOKE	1.4G	Y
1732	2012	Ikaros Hand Held Flare (White)		0197	SIGNALS, SMOKE	1.4G	Y
1731	2012	Ikaros Handsmoke (Orange)		0197	SIGNALS, SMOKE	1.4G	Y
1087	2012	Ikaros Original Hand Held Rocket		0195	SIGNALS, DISTRESS	1.3G	X
1728	2012	Ikaros Parachute Rocket Red		0195	SIGNALS, DISTRESS	1.3G	Y
1089	2012	Ikaros-Line				1.3G	X
1803	2020	i-kon II Electronic Detonator		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1803	2020	i-kon II Electronic Detonator		0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z

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2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III	0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III Extreme	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III Extreme	0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III R*	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III R*	0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III RX	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2093	2021	i-kon III ELECTRONIC DETONATOR SERIES	i-kon III RX	0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2090	2021	i-kon Plugin		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2093	2024	i-kon III Electronic Detonator		0511/0512	DETONATORS, ELECTRONIC programmable for blasting	1.1B/1.4S	Z
827	2001	Impact 20				1.1D	ZZ
827	2001	Impact 30				1.1D	ZZ
827	2001	Impact 50				1.1D	ZZ
373	2012	Imperial No. 2 Shotgun Primer				1.4S	X
374	2012	Imperial Small Rifle Primer Boxer Type				1.4S	X
94	2012	Improved Ballistite				1.1C	ZZ
2290	2024	Initiator: P/N 103377-500	103377-500	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1003	2012	Instadet Instantaneous Electric Detonator		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2254	2023	IntelliPrime Booster		0042	BOOSTERS, without detonator	1.1D	Z
2256	2023	IntelliShot Detonator – with non-propagating block		0456	DETONATORS, ELECTRIC for blasting	1.4S	Z
2252	2023	IntelliShot Detonator – without non-propagating block		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1538	2012	Interdet				1.1B	Z
224	2012	Iregel				1.1D	ZZ
1533	2012	JAXA CDF				1.4S	X
1534	2012	Jaxa LSC				1.1D	ZZ
1535	2012	Jaxa Rocket Destructor				1.1D	ZZ
1532	2012	JAXA rocket Motor				1.1C	ZZ

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1734	2023	JEC Owen Power Charge Family	JEC-0212-044	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2023	JEC Owen Power Charge Family	JEC-5302-041	0275	CARTRIDGES, POWER DEVICE	1.3C	X
1734	2023	JEC Owen Power Charge Family	JEC-5306-127	0275	CARTRIDGES, POWER DEVICE	1.3C	X
1734	2023	JEC Owen Power Charge Family	JEC-5321-026	0275	CARTRIDGES, POWER DEVICE	1.3C	X
1734	2023	JEC Owen Power Charge Family	JEC-5332-024	0275	CARTRIDGES, POWER DEVICE	1.3C	X
1734	2023	JEC Owen Power Charge Family	JEC-5334-104	0381	CARTRIDGES, POWER DEVICE	1.2C	X
2153	2021	Jet Cutter Family	CUT-1687-409	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-1687-429	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-1875-419	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-2062-409	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-2188-419	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-2500-409	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2153	2021	Jet Cutter Family	CUT-2500-419	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2126	2021	Johnex Electric Instantaneous Detonator		0255	DETONATORS, ELECTRIC for blasting	1.4B	ZZ
1668	2012	Johnex Instantaneous Electric Detonators				1.1B	ZZ
2115	2021	Johnex MS Detonators - #0, 0 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #0, 0 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #0, 0 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #0, 0 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #1, 25 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #1, 25 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnex MS Detonators - #1, 25 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z



SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2115	2021	Johnnex MS Detonators - #1, 25 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #10, 250 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #10, 250 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #10, 250 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #10, 250 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #11, 275 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #11, 275 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #11, 275 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #11, 275 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #12, 300 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #12, 300 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #12, 300 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #12, 300 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #13, 325 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #13, 325 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #13, 325 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #13, 325 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #14, 350 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #14, 350 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #14, 350 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #14, 350 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #15, 375 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #15, 375 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #15, 375 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #15, 375 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #16, 400 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #16, 400 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #16, 400 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #16, 400 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #17, 425 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #17, 425 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #17, 425 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #17, 425 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #18, 450 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #18, 450 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #18, 450 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #18, 450 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #19, 475 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #19, 475 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #19, 475 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #19, 475 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #2, 50 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #2, 50 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #2, 50 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #2, 50 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #20, 500 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #20, 500 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #20, 500 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #20, 500 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #21, 550 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #21, 550 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #21, 550 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #21, 550 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #22, 600 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #22, 600 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #22, 600 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #22, 600 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #23, 650 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #23, 650 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #23, 650 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #23, 650 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #24, 700 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #24, 700 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #24, 700 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #24, 700 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #25, 750 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #25, 750 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #25, 750 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #25, 750 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #26, 800 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #26, 800 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #26, 800 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #26, 800 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #27, 850 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #27, 850 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #27, 850 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #27, 850 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #28, 900 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #28, 900 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #28, 900 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #28, 900 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #29, 950 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #29, 950 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #29, 950 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #29, 950 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #3, 75 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #3, 75 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #3, 75 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #3, 75 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #30, 1,000 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #30, 1,000 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #30, 1,000 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #30, 1,000 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #4, 100 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #4, 100 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #4, 100 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #4, 100 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #5, 125 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #5, 125 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #5, 125 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #5, 125 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #6, 150 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z

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2115	2021	Johnnex MS Detonators - #6, 150 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #6, 150 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #6, 150 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #7, 175 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #7, 175 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #7, 175 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #7, 175 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #8, 200 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #8, 200 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #8, 200 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #8, 200 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #9, 225 ms delay, 12.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #9, 225 ms delay, 18.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #9, 225 ms delay, 7.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2115	2021	Johnnex MS Detonators - #9, 225 ms delay, 9.0 m length		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
1659	2018	Johnnex Non-Electric Detonators				1.1B	ZZ
2119	2021	Johnnex SC Dets - 0 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z

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2119	2021	Johnnex SC Dets - 100 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 17 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 200 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 25 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 42 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 67 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2119	2021	Johnnex SC Dets - 9 ms delay		0050	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
1285	2012	Johnson EconoTrim (ButtBuster)				1.1D	ZZ
1286	2012	Johnson EziCharge				1.1D	ZZ
1375	2012	Johnson Stope Charge				1.1D	ZZ
225	2012	Johnston TNC Formula				1.1D	ZZ
1582	2008	JSC 'Acron' Ammonium Nitrate (Veliky Novgorod) (SSAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1338	1999	JumboPrime		0042	BOOSTER, without detonator	1.1D	ZZ
888	2012	K Pipecharge		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
1583	2008	Kemerovo JSC 'Azot' Ammonium Nitrate (Predzavodskoy) (SSAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1479	2004	Kinepak 1/2S		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
1479	2004	Kinepak 1/3S		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ



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1479	2004	Kinepak 1BB		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
1479	2004	Kinepak 1P		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
1479	2004	Kinepak 1S		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
227	2012	Kiri Ammonium Gelatine Dynamite				1.1D	ZZ
226	2012	Kiri Ammonium Gelatine Dynamite 60%				1.1D	ZZ
376	2012	Kopa Smoke Alarm				1.4S	X
1752	2010	Kubela 420		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1986	2020	Kuibyshev Azot (Ammonium Nitrate, Prilled)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	
23	2012	L.E.D.C. Delay Connector				1.1B	Z
1428	2012	Lanp-detect		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
1555	2006	Large Cast TNT shapes		0209	Trinitrotoluene	1.1D	ZZ
1008	2012	Larvikit Tube Charge		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
377	2012	Lead Spitter Fuse Lighter				1.4S	X
228	2012	Leigel				1.1D	ZZ
229	2012	Ligdyn				1.1D	ZZ
378	2012	Lightning Paper				1.4S	X
1470	2004	Line 50 detonating cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1516	2005	Linear Shaped Charges	L04-RDXL-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L05-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L05-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L06-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ

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1516	2005	Linear Shaped Charges	L06-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L06-RDXL-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L08-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L09-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L09-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L12-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L12-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L20-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L20-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L32-HMXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	L32-RDXC-LSC	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-1200	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-2000	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-3200	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-500	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-600	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-HMSC-900	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1516	2005	Linear Shaped Charges	LSC-RMSC-1200	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-RMSC-2000	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-RMSC-3200	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-RMSC-500	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-RMSC-600	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1516	2005	Linear Shaped Charges	LSC-RMSC-900	0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
2282	2023	Linethrower 250	9160400 / 9502000	0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
2097	2021	Litfert Ammonium Nitrate		2067	AMMONIUM NITRATE BASED FERTILISER	5.1	ZZ
2243	2022	Lovex Propellant Powder	D032	0509	Powder, Smokeless	1.4C	Y
2243	2022	Lovex Propellant Powder	D036	0509	Powder, Smokeless	1.4C	Y
2243	2022	Lovex Propellant Powder	D037.1	0509	Powder, Smokeless	1.4C	Y
2243	2024	Lovex Propellant Powder	D032	0161	Powder, Smokeless	1.3C	Y
230	2012	Low Energy Detonating Cord				1.1D	ZZ
24	2012	Magnadet				1.1B	Z
231	2012	Magnaprimer				1.1D	ZZ
336	2012	Magnesium Torch				1.4G	X
1090	2012	Manoverboard CF		0197	SIGNALS, SMOKE	1.4G	X
315	2012	Manufactured Fireworks Type A (Z or ZZ)				1.1G	ZZ
319	2012	Manufactured Fireworks Type B				1.2G	Y
326	2012	Manufactured Fireworks Type C				1.3G	X
337	2012	Manufactured Fireworks Type D				1.4G	X
232	1993	Matsu Blasting Gelatine				1.1D	ZZ
1954	2020	Maxcord		0065	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1D	ZZ
1955	2020	Maxel		0030	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1578	2007	Maxidrive		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200011	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200017	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200023	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200038	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200059	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200133	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i	PE-I-25200209	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200011	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200017	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200023	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200038	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200059	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200133	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2184	2021	Maxidrive i PLUS	PE-IP-25200209	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 25200209	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 25700059	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 32200133	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 32700038	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 55400023	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 65400017	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2163	2022	Maxidrive Plus	PEP 80400011	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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2161	2021	Maxline Lead in Line 1000 m	LIL-99900301	0349	ARTICLES, EXPLOSIVE, N.O.S	1.4S	X
1956	2022	Maxnel LP Series, 1100 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 1400 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 1700 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 2000 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 2300 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 2700 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 3100 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 500 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel LP Series, 800 ms delay	4.8, 6.0, 24.0 m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 0 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 100 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 1100 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 125 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 1400 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 150 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1956	2022	Maxnel MS Series, 1700 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 175 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 200 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 2000 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 225 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 2300 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 25 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 250 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 2700 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 275 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 300 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 3100 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 325 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 350 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1956	2022	Maxnel MS Series, 3500 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 375 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 3900 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 400 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 425 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 4400 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 450 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 475 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 4900 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 50 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 500 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 5400 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 550 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1956	2022	Maxnel MS Series, 5900 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 600 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 650 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 6500 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 700 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 7200 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 75 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 800 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1956	2022	Maxnel MS Series, 8000 ms delay	4.8, 6.0, 7.2, 9.0, 12.0, 15.0, 18.0, 24.0m lead length	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001009X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001017X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001025X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001042X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001067X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2162	2021	Maxnel MSC Detonating Cord Delays	DC-001109X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z



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2162	2021	Maxnel MSC Detonating Cord Delays	DC-001176X70	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
2294	2024	MAXNEL TRUNKLINE NON-ELECTRIC DETONATORS		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
1958	2020	Maxnel Trunkline Series - 10 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1958	2020	Maxnel Trunkline Series - 12 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1958	2020	Maxnel Trunkline Series - 3 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1958	2020	Maxnel Trunkline Series - 5 m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1958	2020	Maxnel Trunkline Series - 7m length		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1953	2020	Maxprime		0042	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1D	ZZ
1957	2020	Maxstart		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1762	2011	MD & SD Series Soft Detonators	MD-1	0030	DETONATORS, Electric	1.1B	ZZ
1762	2011	MD & SD Series Soft Detonators	SD70-2	0030	DETONATORS, Electric	1.1B	ZZ
1762	2011	MD & SD Series Soft Detonators	SD70-4	0030	DETONATORS, Electric	1.1B	ZZ
1762	2011	MD & SD Series Soft Detonators	SD70-8	0030	DETONATORS, Electric	1.1B	ZZ
1762	2011	MD & SD Series Soft Detonators	SD40	0030	DETONATORS, Electric	1.1B	ZZ
1762	2011	MD & SD Series Soft Detonators	SD100	0030	DETONATORS, Electric	1.1B	ZZ
1127	1994	MD MS Connector		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
95	2012	Mechanite (Y or ZZ)				1.1C	Y/ZZ
1537	2005	Megadet	3.0 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	3.6 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	4.8 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1537	2005	Megadet	6 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	7.8 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	9 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	12 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	15 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	18 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	21 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	27 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	30 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1537	2005	Megadet	33 m Shocktube	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1791	2012	Megadrive®				1.1D	ZZ
1824	2020	Megadrive 2000	25 mm x 200 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	25 mm x 700 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	32 mm x 200 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	32 mm x 700 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	55 mm x 300 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	55 mm x 700 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	65 mm x 300 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1824	2020	Megadrive 2000	65 mm x 700 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1975	2020	Megagel		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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1973	2020	Megaprime Blade		0065	CORD, DETONATING, flexible	1.1D	ZZ
1385	2002	Megaprime Cast Booster	80 g	0042	BOOSTER, without detonator	1.1D	ZZ
1385	2002	Megaprime Cast Booster	120 g	0042	BOOSTER, without detonator	1.1D	ZZ
1385	2002	Megaprime Cast Booster	150 g	0042	BOOSTER, without detonator	1.1D	ZZ
1385	2002	Megaprime Cast Booster	160 g	0042	BOOSTER, without detonator	1.1D	ZZ
1385	2002	Megaprime Cast Booster	340 g	0042	BOOSTER, without detonator	1.1D	ZZ
1385	2002	Megaprime Cast Booster	400 g	0042	BOOSTER, without detonator	1.1D	ZZ
1885	2020	Megasplit 1000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1	2012	Mercury Fulminate		0135	MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water; by mass	1.1A	ZZ
233	2012	Metabel				1.1D	ZZ
25	2012	Micro-Hit				1.1B	Z
2040	2021	Mighty Prime		0042	BOOSTERS, without detonator	1.1B	ZZ
1567	2012	Millenium Series Shaped Charge Family		0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1683	2009	Mil-Sheet Explosive C-3		0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1.1D	ZZ
2100	2021	Miniblaster (20 mm x 105 mm)		0042	BOOSTERS, without detonator	1.1D	ZZ
2099	2021	Minibooster (15mm x 80 mm)		0042	BOOSTERS, without detonator	1.1D	ZZ
320	2012	Miniflare Distress Kits				1.2G	X
234	2012	Miniseis P Primer				1.1D	ZZ
96	2012	Modified Smokeless Diamond				1.1C	ZZ
235	2012	Molanal				1.1D	ZZ
236	2012	Molanite				1.1D	ZZ
237	2012	Monograin				1.1D	ZZ
238	2012	Morcol				1.1D	ZZ
1813	2020	M-Series Maroon	M001	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1813	2020	M-Series Maroon	M002	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
1813	2020	M-Series Maroon	M008	0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ
2165	2021	MULLAFEX INHIBITED EMULSION		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2194	2021	Mullafex Inhibited Emulsion Blends		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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2193	2021	Mullafex Inhibited Heavy ANFO Emulsion Blends		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
379	2012	Multiple Safety Fuse Igniter				1.4S	X
244	2012	N.S. Gelatine Dynamite				1.1D	ZZ
245	2012	N.S. Gelignite				1.1D	ZZ
1419	2002	NAL Explosive Bolts		0465	ARTICLES, EXPLOSIVE, N.O.S.	1.1B	ZZ
1418	2002	NAL IG Booster		0121	IGNITERS	1.1G	ZZ
1416	2002	NAL Rocket Destructor		0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1.1D	ZZ
1417	2002	NAL Rocket Destructor Detonator		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1415	2002	NAL Rocket Motor		0280	ROCKET MOTORS	1.1C	Z
2171	2021	NEDGEL		3375	AMMONIUM NITRATE GEL, intermediate for blasting explosive	5.1	ZZ
97	2012	Neoflak				1.1C	ZZ
98	2012	Neonite				1.1C	ZZ
1396	2001	Nitro-Bickford Instantaneous Electric Detonators		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
239	2012	Nitrocellulose				1.1D	ZZ
240	2012	Nitrocotton				1.1D	ZZ
1574	2006	NitroPrill Ammonium Nitrate (SSAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
99	2012	Nobel Cadet Neonite				1.1C	ZZ
100	2012	Nobel CK Powder				1.1C	ZZ
241	2012	Nobel Drimix				1.1D	ZZ
101	2012	Nobel Glasgow Shotgun Powder Nos. 60-69				1.1C	ZZ
102	2012	Nobel Hornet Powder				1.1C	ZZ
103	2012	Nobel Pistol Powder No. 2				1.1C	ZZ
104	2012	Nobel Pistol Powder No. 3				1.1C	ZZ
106	2012	Nobel Revolver Neonite				1.1C	ZZ
105	2012	Nobel Revolver Powder No. 1				1.1C	ZZ
107	2012	Nobel Rifle Neonite				1.1C	ZZ
108	2012	Nobel Rifle Powder Nos. 0-3				1.1C	ZZ
242	2012	Nobel Seismic Booster				1.1D	ZZ
109	2012	Nobel Shotgun Neonite				1.1C	ZZ

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110	2012	Nobel Shotgun Powder Nos. 60-69				1.1C	ZZ
111	2012	Nobel Shotgun Powder Nos. 78-89				1.1C	ZZ
1009	2012	Nobel-Prime		0081	EXPLOSIVE, BLASTING, TYPE A	1.1D	ZZ
381	2012	Nobel's Electric Delay Action Fuse				1.4S	X
243	2012	Nobel's Explosive No. 852				1.1D	ZZ
1782	2013	Noisemaster		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1412	2002	Nomatch Igniter		0368	FUZES, IGNITING	1.4S	X
1184	1995	Nonel Extendaline		0349	ARTICLES, EXPLOSIVE, N.O.S	1.4S	X
1608	2008	Nonel EZTL detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	ZZ
26	2012	Nonel GT Detonator				1.1B	Z
27	2012	Nonel GT1 Detonator				1.1B	Z
28	2012	Nonel GT2 Detonator				1.1B	Z
1166	1996	NONEL MS Connector		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	25 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	50 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	75 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	100 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	125 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	150 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	175 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	200 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	225 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1750	2010	NONEL MS HD	250 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	275 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	300 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	325 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	350 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	375 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	400 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	425 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	450 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	475 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	500 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	500 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	600 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	650 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	700 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	750 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	800 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1750	2010	NONEL MS HD	900 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1750	2010	NONEL MS HD	1000 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1748	2010	NONEL MS HT	12 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1748	2010	NONEL MS HT	15 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1748	2010	NONEL MS HT	24 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
29	2012	Nonel Primadet Lead in Lines				1.1B	Z
30	2012	Nonel Primadet Long Lead Series				1.1B	Z
31	2012	Nonel Primadet LP Series				1.1B	Z
32	2012	Nonel Primadet MS Connectors				1.1B	Z
33	2012	Nonel Primadet MS Series				1.1B	Z
34	2012	Nonel Primadet Short Lead Series				1.1B	Z
35	2012	Nonel Primadet Trunkline Delays				1.1B	Z
1749	2010	Nonel Primafire	1.2 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1751	2010	Nonel Starter	1500 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1751	2010	Nonel Starter	1200 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1751	2010	Nonel Starter	2000 m	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1099	1993	Nonel Super Snapdet		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1100	1993	Nonel Super Snapline		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	17 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	25 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z

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1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	42 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	67 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	109 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1258	1997	NONEL Tornado Series Non-Electric Delay Detonator	176 ms	0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
380	2012	Nonel Tube				1.4S	X
1440	2012	NONEX Safety Cartridge		0432	ARTICLES, PYROTECHNIC for technical purposes	1.4S	X
112	2012	Norma Handgun Powder No. 1010				1.1C	ZZ
113	2012	Norma Handgun Powder No. 1020				1.1C	ZZ
114	2012	Norma Pistol Powder P-1				1.1C	ZZ
115	2012	Norma Pistol Powder P-2				1.1C	ZZ
116	2012	Norma Pistol Powder P-3				1.1C	ZZ
117	2012	Norma Revolver Powder R-1				1.1C	ZZ
118	2012	Norma Revolver Powder R-2				1.1C	ZZ
120	2012	Norma Revolver Powder R-23				1.1C	ZZ
119	2012	Norma Revolver Powder R-3				1.1C	ZZ
121	2012	Norma Rifle Powder No. 200				1.1C	ZZ
122	2012	Norma Rifle Powder No. 201				1.1C	ZZ
123	2012	Norma Rifle Powder No. 203				1.1C	ZZ
124	2012	Norma Rifle Powder No. 204				1.1C	ZZ
125	2012	Norma Rifle Powder No. 205				1.1C	ZZ
126	2012	Norma Shotgun Powder No. 2010				1.1C	ZZ
127	2012	Norma Shotgun Powder No. 2020				1.1C	ZZ
128	2012	Norma Shotgun Powder S-70				1.1C	ZZ
1548	2010	NT Smoke Blocks		0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
1611	2008	Nulka Primary Igniter Unit		0314	IGNITERS	1.2G	ZZ
1612	2008	Nulka Propulsion Unit		0281	ROCKET MOTORS	1.2C	ZZ
129	2012	NY 100				1.1C	ZZ
130	2012	NY 200				1.1C	ZZ
131	2012	NY 300				1.1C	ZZ



SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
132	2012	NY 500				1.1C	ZZ
1599	2007	O.M.E.I. Ammonium Nitrate (SSAN)	25 kg	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
2287	2023	Octocord T 190 HMX	3215352	0289	CORD, DETONATING, flexible	1.4D	ZZ
1916	2020	Octoslim PT185		0065	CORD, DETONATING, flexible	1.1D	ZZ
2033	2021	Oil Star A-85 Detonator	100187535	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2037	2021	Oil Star Detonators A-140F		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
246	2012	Oil Well Cartridge				1.1D	ZZ
1586	2008	OJSC 'Azot' Ammonium Nitrate (Berezniki) (SSAN)	Bulka Bag (~1,200 kg)	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1586	2008	OJSC 'Azot' Ammonium Nitrate (Berezniki) (SSAN)	25 kg	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1586	2008	OJSC 'Azot' Ammonium Nitrate (Cherkassy) (SSAN)	Bulka Bag (~1,200 kg)	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1586	2008	OJSC 'Azot' Ammonium Nitrate (Cherkassy) (SSAN)	25 kg	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1584	2008	OJSC 'Rivneazot' Ammonium Nitrate (Rivne) (SSAN)	Bulka Bag (~1,200 kg)	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1584	2008	OJSC 'Rivneazot' Ammonium Nitrate (Rivne) (SSAN)	25 kg	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
1613	2007	OJSC 'Rivneazot' Calcium Ammonium Nitrate (Rivne) (SSAN)	500 kg	2068	AMMONIUM NITRATE BASED FERTILIZER	5.1	ZZ
1613	2007	OJSC 'Rivneazot' Calcium Ammonium Nitrate (Rivne) (SSAN)	1,000 kg	2068	AMMONIUM NITRATE BASED FERTILIZER	5.1	ZZ
133	2012	Olin Ball Powder				1.1C	ZZ
2284	2023	OOT-APRV-067 Power Charge Family	CPC-1020-000; CPC-3500-000; CPC-3625-000	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1066	2012	Orange Cap Booster		0042	BOOSTER without detonator	1.1D	ZZ
2224	2022	Orange Handsmoke-Aurora	9539320	0197	SIGNALS, SMOKE	1.4G	X
2224	2022	Orange Handsmoke-Comet	913620	0197	SIGNALS, SMOKE	1.4G	X
2224	2022	Orange Handsmoke-PainsWessex, MK8A	9539300	0197	SIGNALS, SMOKE	1.4G	X
1313	1999	Orica 8D Plain Detonators		0029	DETONATORS, NONELECTRIC for blasting	1.1B	Z
1716	2011	Owen Bottom Fire Electric Detonator Family	DET-3050-006	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1724	2012	Owen Hostile Environment Detonator		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1746	2021	Owen Igniter Family	Type A	0454		1.4S	X
1746	2021	Owen Igniter Family	Type C	0454		1.4S	X
1746	2021	Owen Igniter Family	Type E	0454		1.4S	X
1518	2005	Owen Non-Electrc Hornet	DET-3050-127	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050-127A	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050-127BP	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050-127C	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z

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1518	2005	Owen Non-Electrc Hornet	DET-3050- 127CA	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127D	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127E	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127G	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127GA	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127H	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 127TD	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 133	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 134B	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 135	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electrc Hornet	DET-3050- 136	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	DET-0122- 002	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	DET-0122- 003	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	DET-0122- 004	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	DET-0122- 005	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	DET-3050- 562	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Connector	EFI-0020-020	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050- 063	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050- 0M6	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050- 128	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050- 129	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z

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1518	2005	Owen Non-Electric Detonator	DET-3050-131	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-132	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-205	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-206	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-207	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-208	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-210	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-212	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-214	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	DET-3050-563A	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-001	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-002	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-004	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-005	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-006	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-007	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-008	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-009	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1518	2005	Owen Non-Electric Detonator	EFI-1000-010	0267	DETONATORS, NONELECTRIC for blasting	1.4B	Z
1784	2012	Owen NT Tubing Cutter				1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-0750-301	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-0875-401	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ

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1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-0875-411	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-0875-421	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-0875-501	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-301	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-311	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-321	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-361	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-401	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-401S	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-411	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-461	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1000-501	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-301	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-342	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-342	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-401	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-411	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ

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1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-412	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-421	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-422	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-442	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-501	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1375-502	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1750-301	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1750-302	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1750-402	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1750-501	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-1750-502	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-301	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-302	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-311	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-312	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-321	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-322	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ

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1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-341	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-342	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-401	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-402	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-411	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-412	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-421	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-422	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-441	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-442	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-501	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-2000-502	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1792	2021	OWEN SPLIT SHOT CUTTER FAMILY (WITHOUT DETONATOR)	SSC-4750-401	0352	ARTICLES, EXPLOSIVE, N.O.S	1.4D	ZZ
1715	2012	Owen Top Fire Electric Detonator Family				1.4B	Z
1714	2012	Owen Tube Cutter Detonator Family		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
1521	2024	Owen Tubing Cutter Family	CUT-0718-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0718-405	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ

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1521	2024	Owen Tubing Cutter Family	CUT-1560-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1580-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0718-502	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0718-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0800-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0950-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0950-502	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-0950-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1156-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1156-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1156-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1156-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1187-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1187-502	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1187-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-405	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ



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1521	2024	Owen Tubing Cutter Family	CUT-1230-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1230-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1250-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1250-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1250-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1300-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1390-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1437-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1437-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1437-405H	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1437-419	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1437-419FG	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1460-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1460-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1460-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ

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1521	2024	Owen Tubing Cutter Family	CUT-1460-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1500-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1560-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1580-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1580-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1687-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1750-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ

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1521	2024	Owen Tubing Cutter Family	CUT-1812-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-400	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1812-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1875-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-1875-502	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2000-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2000-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2000-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2062-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2125-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2125-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2125-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ

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1521	2024	Owen Tubing Cutter Family	CUT-2125-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2125-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2125-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-304	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-402	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-404	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-503	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
1521	2024	Owen Tubing Cutter Family	CUT-2250-504	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2258	2023	OZIPRIME		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2102	2021	P3 Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
2234	2022	Pains Wessex Approved Distress Flares Inshore Flare Kit		0191	SIGNAL DEVICES, HAND	1.4G	X
338	2012	Pains Wessex Buoy smoke				1.4G	X
339	2012	Pains Wessex Handflare				1.4G	X
340	2012	Pains Wessex Hand smoke				1.4G	X
341	2012	Pains Wessex Lifes smoke Mk3				1.4S	X
342	2012	Pains Wessex Manoverboard				1.4G	X
321	2012	Pains Wessex Para Red Mark I Rocket				1.2G	Z
1424	2002	Parachute Container Release Unit		0173	RELEASE DEVICES, EXPLOSIVE	1.4S	X
2225	2022	Parachute Signal Rocket Red	9163100	0505	SIGNALS, DISTRESS, SHIP	1.4G	X
2225	2022	Parachute Signal Rocket Red	9506720	0505	SIGNALS, DISTRESS, SHIP	1.4G	X
1577	2007	Party Poppers		0336	FIREWORKS	1.4G	X
1391	2001	PCF Cartridge Igniter		0454	IGNITERS	1.4S	X
1775	2012	PCF Safety Cartridge (27.5 to 60 mm diameter)		0276	CARTRIDGES, POWER DEVICE	1.4C	Y
1390	2002	PCF Safety Cartridge (42mm)		0323	CARTRIDGES, POWER DEVICE	1.4S	X
1413	2002	PCF Safety Cartridge (60mm)		0323	CARTRIDGES, POWER DEVICE	1.4S	Y

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1468	2003	Pentex AP Booster	150 g	0042	BOOSTERS, without detonator	1.1D	ZZ
1468	2003	Pentex AP Booster	160 g	0042	BOOSTERS, without detonator	1.1D	ZZ
1468	2003	Pentex AP Booster	225 g	0042	BOOSTERS, without detonator	1.1D	ZZ
1468	2003	Pentex AP Booster	340 g	0042	BOOSTERS, without detonator	1.1D	ZZ
1468	2003	Pentex AP Booster	400 g	0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster AP - 12 * 340		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster AP - 16 * 454		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster AP - 32 * 908		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster D - 12 * 340		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster D - 16 * 454		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster D - 32 * 908		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster D - 8 * 228		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster DP - 12 * 340		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster DP - 16 * 454		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster MP - 12 * 340		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster MP - 14 * 400		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster MP - 16 * 545		0042	BOOSTERS, without detonator	1.1D	ZZ
2022	2021	Pentex Cast Booster MP - 32 * 908		0042	BOOSTERS, without detonator	1.1D	ZZ
1747	2012	Pentex D Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
1695	2009	Pentex G Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
2073	2021	Pentex G L Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
2069	2021	Pentex G400 Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
1439	2002	Pentex H Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
1435	2002	Pentex PPP Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
1923	2020	Pentex ProTECT-e		0042	BOOSTERS, without detonator	1.1D	ZZ
1759	2010	Pentex ProTECT-i		0042	BOOSTERS, without detonator	1.1D	ZZ
1696	2009	Pentex StopePrime		0042	BOOSTERS, without detonator	1.1D	ZZ
2111	2021	Pentex W - 227 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2111	2021	Pentex W - 454 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2304	2024	Pentofex 450gm Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
247	2012	Pentolite				1.1D	ZZ

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659	2012	Pepan 2600 Series				1.1D	ZZ
606	2012	Pepan Gold 2500 Series				1.5D	ZZ
1249	2012	Pepan Gold 2600 Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
382	2012	Percussion Cap				1.4S	X
384	2012	Percussion Caps, .303, (not for retail sale)				1.4S	X
383	2012	Percussion Caps, .303, Specially Packed				1.4S	X
2120	2021	Perfecta Shaped Charge 2-3/4" RDX SDP	EXP-2716-321T	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
248	2012	Picric Acid				1.1D	ZZ
249	2012	Plastergel				1.1D	ZZ
343	2012	Plastic Core Composition				1.4G	Y
1487	2004	Plastic Explosive No.4 (PE4) T		0048	EXPLOSIVE, BLASTING, TYPE D	1.1D	ZZ
250	2012	Plastic Explosives No. 4 (PE4)				1.1D	ZZ
344	2012	Plastic Igniter Cord				1.4G	X
1939	2020	PMD 1-AX		0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2156	2021	POLAR Bulk Emulsion - SX & UX		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2157	2021	POLAR Inhibited Bulk Emulsion - SXI & UXI		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2155	2021	POLAR Inhibited Bulk Emulsion Blends - SX & UX		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2154	2021	POLAR Inhibited Bulk Emulsion Blends - SXI & UXI		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1085	2012	Polar Mk 2		0191	SIGNAL DEVICES, HAND	1.4G	X
2210	2021	Polar PX	PE-32200133	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2210	2021	Polar PX	PE-32700038	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2210	2021	Polar PX	PE-55400023	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2210	2021	Polar PX	PE-65400017	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2210	2021	Polar PX	PE-80400011	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2222	2023	Polar PX Maxisplit		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ

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2276	2023	Polar PX Maxisplit Edge Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-25200209	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-25700059	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-32200133	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-32700038	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-65400017	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-65700009	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2209	2021	Polar PX Plus	PEP-80400011	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2275	2023	Polar PX Razor Cut Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2211	2021	Polar PXI	PEI-32200133	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2211	2021	Polar PXI	PEI-32700038	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2211	2021	Polar PXI	PEI-55400023	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2211	2021	Polar PXI	PEI-65400017	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2211	2021	Polar PXI	PEI-80400011	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2027	2021	Porous Pril Ammonium Nitrate (PPAN)		1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
2015	2021	Powder Charge	H223545	0463	ARTICLES, EXPLOSIVE, N.O.S	1.1D	ZZ
2015	2021	Powder Charge	H430304	0463	ARTICLES, EXPLOSIVE, N.O.S	1.1D	ZZ
1952	2020	Power Charge	OPC-1687-000-LS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ
1952	2020	Power Charge	OPC-1687-000-MS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ
1952	2020	Power Charge	OPC-2500-000-SS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ
1952	2020	Power Charge	OPC-2750-000-LS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ

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1952	2020	Power Charge	OPC-3250-000-MS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ
1952	2020	Power Charge	OPC-3500-000-SS	0276	CARTRIDGES, POWER DEVICE	1.4C	ZZ
1316	2012	Power Charge, 1 11/16 Multistage HT	JEC-5332-024	0323	CARTRIDGE, POWER DEVICE	1.4S	ZZ
1734	2010	Power Charges	JEC-0212-044	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2010	Power Charges	JEC-5334-104	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2010	Power Charges	JEC-5302-041	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2010	Power Charges	JEC-5306-127	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2010	Power Charges	JEC-5321-026	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1734	2010	Power Charges	JEC-5332-024	0276	CARTRIDGES, POWER DEVICE	1.4C	X
1937	2020	Power Cutter 1.680	100206029	0440	CHARGES, SHAPED without detonator	1.4D	X
1937	2020	Power Cutter 1.900	100456320	0440	CHARGES, SHAPED without detonator	1.4D	X
1937	2020	Power Cutter 2.125	100146884	0440	CHARGES, SHAPED without detonator	1.4D	X
1937	2020	Power Cutter 2.500	100146886	0440	CHARGES, SHAPED without detonator	1.4D	X
1846	2020	Power Pistol		0509	POWDER, SMOKELESS	1.4C	Y
1850	2020	Power Pro 2000MR		0161	POWDER, SMOKELESS	1.3C	Y
1849	2020	Power Pro 4000MR		0161	POWDER, SMOKELESS	1.3C	Y
1837	2020	Power Pro Varmint		0161	POWDER, SMOKELESS	1.3C	Y
1215	1996	Powerbulk UH		0332	EXPLOSIVES, BLASTING, TYPE E	1.5D	ZZ
1213	1996	Powerbulk VE		0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1183	1996	Powercone		0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
251	2012	Powercord				1.1D	ZZ
662	2012	Powergel 1500 Series				1.1D	ZZ
254	2012	Powergel 2100 Series				1.1D	ZZ
255	2012	Powergel 2500 Series				1.1D	ZZ
663	2012	Powergel 2655				1.1D	ZZ
661	2012	Powergel 2800 Series				1.1D	ZZ
256	2012	Powergel 2900 Series				1.1D	ZZ
1481	2004	Powergel Advantage Series	Powergel Advantage	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1481	2004	Powergel Advantage Series	Powergel Advantage W	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1481	2004	Powergel Advantage Series	Powergel Advantage XT	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ



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1481	2004	Powergel Advantage Series	Powergel Advantage XTS	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
802	2012	Powergel Backcut		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1074	2012	Powergel Breaker		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1186	1995	Powergel Buster		0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2800	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2820	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2830	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2840	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2850	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2860	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2801	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2821	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2831	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2841	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2851	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1357	2000	Powergel Deep 2800 Series	Powergel Deep 2861	0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8000	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8100	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8020	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8120	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8030	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ

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1256	1997	Powergel Deep 8000 Series	Powergel Deep 8130	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8040	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8140	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8050	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8150	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8060	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
1256	1997	Powergel Deep 8000 Series	Powergel Deep 8160	0332	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
859	2012	Powergel Extra 4500 (B or G) Series		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
606	2012	Powergel Gold 2500 Series				1.5D	ZZ
1158	2002	Powergel Magnum		0241	EXPLOSIVES, BLASTING, TYPE E	1.1D	ZZ
809	2012	Powergel Magnum 3151		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1113	1994	Powergel Magnum II				1.1D	ZZ
	2012	Powergel Marathon 2700 Series				1.1D	ZZ
	2012	Powergel Nova 2500 Series				1.1D	ZZ
252	2012	Powergel P				1.1D	ZZ
660	2012	Powergel Perimeter				1.1D	ZZ
804	2012	Powergel Permitted 2000		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
801	2012	Powergel Permitted 3000		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
	2012	Powergel Powerfrag				1.1D	ZZ
1084	2012	Powergel Powerprime		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Powergel Pyromex				1.1D	ZZ
1022	2012	Powergel Reelex 3000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
253	2012	Powergel Seismic		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
800	2012	Powergel Seismic 3000		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1012	2012	Powergel Trimex 3000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Powergel VE				1.1D	ZZ
	2012	Powergel Vulcan 9500 Series				1.1D	ZZ

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1942	2020	Powerjet Omega 4505	100019791	0440	CHARGES, SHAPED without detonator	1.4D	X
1889	2020	Powerjet, Omega 2006	H447900	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
1999	2020	Powerloads	812	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	814	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	815	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	816	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	817	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	818	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	819	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	820	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	821	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	822	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	823	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	824	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	825	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	826	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	827	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
1999	2020	Powerloads	828	0014	CARTRIDGES FOR TOOLS, BLANK	1.4S	X
839	2012	Powermite		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1822	2020	Powermite MAX	32 mm x 220 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1822	2020	Powermite MAX	32 mm x 700 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1822	2020	Powermite MAX	65 mm x 400 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1822	2020	Powermite MAX	80 mm x 355 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Powermite Plus				1.1D	ZZ
1455	2024	POWERMITE PRO	PW00002502	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00002508	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00003202	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00003208	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00005504	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00006504	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PW00008004	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0002502	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0002508	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0003202	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0003207	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0005504	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0006504	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1455	2024	POWERMITE PRO	PWN0008004	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Powermite Pro				1.1D	ZZ
	2012	Powermite Thermo				1.1D	ZZ
257	2012	Powerpac		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
858	2012	Powerpac 3000		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
	2012	Powershear				1.1D	ZZ
1024	2012	Powersplit		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Predator Shaped Charge Assembly				1.1D	X
	2012	Predator Shaped Charge Assembly				1.4D	X

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258	2012	Premium Ribcord				1.1D	ZZ
260	2012	Primabooast				1.1D	ZZ
259	2012	Primacord				1.1D	ZZ
	2012	Primacord 4				1.1D	ZZ
	2012	Primacord 40 RDX Nylon Ribbon				1.1D	ZZ
	2012	Primacord 5				1.1D	ZZ
1667	2022	Primacord 5A		0065	CORD, DETONATING, flexible	1.1D	ZZ
1032	2012	Primacord XT		0065	CORD, DETONATING, flexible	1.1D	ZZ
1035	2012	Primaflex		0065	CORD, DETONATING, flexible	1.1D	ZZ
	2012	Primaline HD				1.1D	ZZ
262	2012	Primaline RX				1.1D	ZZ
	2012	Primaline RX (ICI)				1.1D	ZZ
	2012	Primaline Series				1.1D	ZZ
	2012	Primasheet 2000				1.1D	ZZ
1998	2020	Primer 38 gram		0042	BOOSTERS, without detonator	1.1D	
	2012	Profiler				1.1D	ZZ
1845	2020	Promo		0161	POWDER, SMOKELESS	1.3C	Y
1996	2020	Propellant AR2225		0161	POWDER, SMOKELESS	1.3C	Y
1815	2020	Propellant Bench Mark 8208	1 kg	0161	POWDER, SMOKELESS	1.3C	Y
1815	2020	Propellant Bench Mark 8208	500 g	0161	POWDER, SMOKELESS	1.3C	Y
	2012	Propellant pack (150g, 225g and 350g)				1.4C	ZZ
1997	2020	Proscare Crackershell		0431	ARTICLES PYROTECHNIC, for technical purposes	1.4G	X
	2012	Pyrocord				1.1D	ZZ
	2012	Pyrodex CTG				1.3C	Y
	2012	Pyrodex Extruded P				1.3C	Y
	2012	Pyrodex Extruded RS				1.3C	Y
	2012	Pyrodex Fines				1.3C	Y
	2012	Pyrodex Overs				1.3C	Y
	2012	Pyrodex P				1.3C	Y
	2012	Pyrodex RS				1.3C	Y
	2012	Pyrodex Select				1.3C	Y
1796	2012	Python Chubby	26 mm x 3000 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1796	2012	Python Chubby	32 mm x 200 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1796	2012	Python Chubby	35 mm x 200 mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2222	2021	Python Maxisplit	26x400mm	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ

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2222	2021	Python Maxisplit	32x400mm	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2222	2021	Python Maxisplit	38x400mm	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PS20E261201 3T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PS20E291201 3T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PS20E321201 3T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PSi20E26120 13T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PSi20E29120 13T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2189	2021	Python Maxisplit Edge	PSi20E32120 13T3C	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1807	2020	Python MBX		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1809	2020	Python Pre Split	26 mm x 27 m	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1809	2020	Python Pre Split	32 mm x 17.6 m	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	QDC2 Booster				1.1D	ZZ
263	2012	Quarigel				1.1D	ZZ
264	2012	Quarry Monobel				1.1D	ZZ
345	2012	Quarrycord				1.4G	X
385	2012	Quarrycord Connector				1.4S	X
	2012	Queensland Nitrates Prilled Ammonium Nitrate (SSAN)				5.1	ZZ
	2012	Quickdraw Propelling Charge				1.4S	X
	2012	Quickshot Electronic Detonator				1.4B	Z
	2012	Quickshot Electronic Detonator				1.4S	Z
265	2012	Quilox				1.1D	ZZ
386	2012	Railway Fog Signal				1.4S	X
	2012	Railway Track Signals				1.4S	X
1950	2020	Ramset Power Loads	PLCGR22S	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLCPU22S	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLCRD22S	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLCYW22S	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLDRD25L	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLDYW25	0323	CARTRIDGES, POWER DEVICE	1.4S	X

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1950	2020	Ramset Power Loads	PLSGR22	0323	CARTRIDGES, POWER DEVICE	1.4S	X
1950	2020	Ramset Power Loads	PLSYW22	0323	CARTRIDGES, POWER DEVICE	1.4S	X
328	2012	Ramset RP-4 Pellet				1.4C	X
2237	2022	Razor Cut		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2262	2023	Razor Split		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2264	2023	Razor Split Edge		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2263	2023	Razor Split Lite		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
	2012	RDX (Cyclotrimethylenetrin itramine)				1.1D	ZZ
1863	2020	RDX Oil Well Cartridge (Bi- Directional Booster)	H448841	0352	Articles, Explosive, N.O.S.	1.4D	Z
	2012	RDX Wax 93/7				1.1D	ZZ
266	2012	Redcord				1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK2520	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK2570	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK3220	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK3270	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK5040	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2166	2021	RedPak Packaged Emulsion	RPAK6540	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2167	2021	RedPak Prespilt	RPAKPS25	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2167	2021	RedPak Prespilt	RPAKPS35	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Reefing Line Cutter, type 7				1.4S	X
	2012	Reefing Line Cutter, type 7 (b)				1.4S	X
1843	2020	Reloder 10X		0509	POWDER, SMOKELESS	1.4C	Y
1842	2020	Reloder 15		0509	POWDER, SMOKELESS	1.4C	Y
1841	2020	Reloder 17		0509	POWDER, SMOKELESS	1.4C	Y
1840	2020	Reloder 19		0509	POWDER, SMOKELESS	1.4C	Y
1839	2020	Reloder 22		0509	POWDER, SMOKELESS	1.4C	Y

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1838	2020	Reloder 25		0509	POWDER, SMOKELESS	1.4C	Y
1844	2020	Reloder 7		0509	POWDER, SMOKELESS	1.4C	Y
346	2012	Res Q Star				1.4G	X
2016	2021	RF-Safe Green Det	2-300750-1	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
2016	2021	RF-Safe Green Det	DET-3050- 409	0255	DETONATORS, ELECTRIC for blasting	1.4B	Z
267	2012	Ribcord				1.1D	ZZ
	2012	Ringprime				1.1D	ZZ
	2012	Riobooster 150, 400				1.1D	ZZ
2121	2021	Riobooster 400G DR	400G DR	0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	Riobooster 60				1.1D	ZZ
2010	2021	Riobooster Plus - 150 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2010	2021	Riobooster Plus - 400 g		0042	BOOSTERS, without detonator	1.1D	ZZ
1970	2016	Riocord F+5.0		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2017	Riocord, 10 g, 250 m, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 10 g, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 10 g, Reinforced waxed cotton thread		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2017	Riocord, 12 g, 250 m, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 12 g, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 5 g, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 5 g, Reinforced waxed cotton thread		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 6 g, 200 m, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2017	Riocord, 6 g, 400 m, PVC		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2015	Riocord, 6 g, Reinforced waxed cotton thread		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2016	Riocord, XX10		0065	CORD, DETONATING, flexible	1.1D	ZZ
1970	2017	Riocord, XX10, 1000 m		0065	CORD, DETONATING, flexible	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 10000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ



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2221	2021	RIOFLEX ADAPT	Rioflex Adapt 3000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 4000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 5000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 6000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 7000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 8000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
2221	2021	RIOFLEX ADAPT	Rioflex Adapt 9000	0241	BLASTING EXPLOSIVE, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 10000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 4000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 5000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 6000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 7000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 8000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex GX 9000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1797	2020	Rioflex Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1827	2020	Rioflex MX 10000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1827	2020	Rioflex MX 4000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1827	2020	Rioflex MX 5000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1827	2020	Rioflex MX 6000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1827	2020	Rioflex MX 7000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1827	2020	Rioflex MX 8000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

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1827	2020	Rioflex MX 9000		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2056	2021	Rioflex OM19 Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1345	2016	Rioflex OM3 Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2198	2021	Rioflex OM43 Matrix		3375	AMMONIUM NITRATE GEL, intermediate for blasting explosive	5.1	ZZ
2057	2021	Rioflex Rapid		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Rioflex+ Matrix (SSAN)				5.1	ZZ
	2012	Rioflex+ Sensitised				1.1D	ZZ
1026	2012	Riogel 600		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1025	2012	Riogel 600 LD 30		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
	2012	Riogel 600 LD 50		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
869	2012	Riogel F		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
870	2012	Riogel G		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 40	28x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 40	32x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 40	32x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 40	38x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 40	65x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	25x200mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	25x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	28x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	32x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2186	2021	Riogel Kubela 420	32x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	38x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	38x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	45x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	50x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 420	65x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	25x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	25x600mm (PB)	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	28x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	32x300mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	32x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	38x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	50x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	65x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2186	2021	Riogel Kubela 60	75x600mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Riogel Troner				1.1D	ZZ
2074	2021	Riogel Troner HE - 50 mm x 500 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2074	2021	Riogel Troner HE - 55 mm x 500 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2074	2021	Riogel Troner HE - 60 mm x 500 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2076	2021	Riogel Troner XE - 50 mm x 480 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2076	2021	Riogel Troner XE - 60 mm x 480 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
851	2012	Riogel TTX (Bulk)		0332	EXPLOSIVE, BLASTING, TYPE E (AGENT, BLASTING, TYPE E)	1.5D	ZZ
	2012	Riogur F CD				1.1D	ZZ
	2012	Riolift				1.1D	ZZ
	2012	Riomax				1.1D	ZZ
	2012	Riomex 20 Series				1.1D	ZZ
	2012	Rionel LLE				1.1B	Z
2218	2021	RIONEL LLX	SUMA.00B.1503	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2218	2021	RIONEL LLX	SUMB.00B.5503	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 0 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 0 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 1,200 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 1,200 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 1,400 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 1,400 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 1,600 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 1,600 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 1,800 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 1,800 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 2,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 2,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 2,500 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 2,500 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 3,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 3,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z

<b>SWSA Reference</b>	<b>Year</b>	<b>Product Name</b>	<b>Part Number</b>	<b>UN Number</b>	<b>Proper Shipping Name</b>	<b>Class/Division/Compatibility Group</b>	<b>Category</b>
2018	2021	Rionel Loaded Detonator LP - 3,500 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 3,500 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 4,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 4,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 4,500 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 4,500 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 400 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 400 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 5,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 5,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 5,500 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 5,500 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 6,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 6,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 7,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 7,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 8,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 8,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 800 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator LP - 800 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator LP - 9,000 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z

<b>SWSA Reference</b>	<b>Year</b>	<b>Product Name</b>	<b>Part Number</b>	<b>UN Number</b>	<b>Proper Shipping Name</b>	<b>Class/Division/Compatibility Group</b>	<b>Category</b>
2018	2021	Rionel Loaded Detonator LP - 9,000 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 0 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 0 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 100 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 100 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 125 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 125 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 150 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 150 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 175 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 175 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 200 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 200 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 225 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 225 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 25 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 25 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 250 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 250 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 300 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 300 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 350 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z

<b>SWSA Reference</b>	<b>Year</b>	<b>Product Name</b>	<b>Part Number</b>	<b>UN Number</b>	<b>Proper Shipping Name</b>	<b>Class/Division/Compatibility Group</b>	<b>Category</b>
2018	2021	Rionel Loaded Detonator MS - 350 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 400 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 400 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 450 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 450 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 50 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 50 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 500 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 500 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 550 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 550 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 600 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 600 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 650 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 650 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 700 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 700 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 75 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 75 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2018	2021	Rionel Loaded Detonator MS - 750 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2018	2021	Rionel Loaded Detonator MS - 750 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2217	2021	RIONEL Loaded Microcap	SDMG.200.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMA.009.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMB.017.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMC.025.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMD.033.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDME.042.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMF.100.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMH.067.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMI.150.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
2217	2021	RIONEL Loaded Microcap	SDMZ.000.000	0029	DETONATORS, NONELECTRIC, FOR BLASTING	1.1B	Z
1961	2015	Rionel LP-UG		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1961	2017	Rionel LP-UG		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1961	2020	Rionel LP-UG		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
	2012	Rionel MS (MS Delays)				1.1B	Z
1905	2020	Rionel MS HD		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1962	2020	Rionel MS-UG		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
	2012	Rionel SCE (Surface connector)				1.1B	Z
2219	2021	RIONEL SCX	SUMA.00B.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMA.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMA.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z



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2219	2021	RIONEL SCX	SUMA.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMA.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMA.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMB.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMC.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUME.OOB.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUME.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2219	2021	RIONEL SCX	SUME.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUME.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUME.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUME.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMF.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.0400	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.0600	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.0900	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.1200	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.1500	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
2219	2021	RIONEL SCX	SUMH.OOB.1800	0360	DETONATOR ASSEMBLIES, NONELECTRIC, FOR BLASTING	1.1B	Z
	2012	RioPrill Ammonium Nitrate (SSAN)				5.1	ZZ
	2012	Riopriime				1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2084	2021	Rioprim 25		0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	Riosplit				1.1D	ZZ
2188	2021	Riosplit series	32x585mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2188	2021	Riosplit series	38x585mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2188	2021	Riosplit series	50/585mm	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2075	2021	Riosplit WF - 26 mm x 40 m		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2075	2021	Riosplit WF - 32 mm x 28 m		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1016	2012	Riotech Trunkline Delay Connector		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
1967	2020	Rioxam		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
268	2012	Rock Breaker				1.1D	ZZ
2279	2023	Rocket Motor, 80 kg Solid Propellant		0281	ROCKET MOTORS	1.2C	Y
	2012	Rocktec Impact Fuse Assembly				1.4S	X
	2012	Rockteck PCF Cartridge				1.4C	ZZ
269	2012	Rollex				1.1D	ZZ
	2012	Rovno Azot (Ammonium Nitrate with Magnesium Additive) (SSAN)				5.1	ZZ
	2012	Rovno Azot Ammonium Nitrate (SSAN)				5.1	ZZ
270	2012	Roxite				1.1D	ZZ
2077	2021	RS & BD Pearce Ammonium Nitrate - 25 kg bags		1942	AMMONIUM NITRATE	5.1	ZZ
1721	2012	S ANFO		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
282	2012	S.N. Gelatine Dynamite				1.1D	ZZ
283	2012	S.N. Gelignite				1.1D	ZZ
2253	2023	S100 Base Emulsion		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2265	2023	S100 Series - Bulk Explosive		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
2054	2021	S300 Base Emulsion		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ

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2055	2021	S300 Series Explosives - S300		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S320		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S330		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S335		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S350		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S354		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S357		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S360		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S364		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2055	2021	S300 Series Explosives - S374		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Sabre				1.1D	ZZ
388	2012	Safety Cartridges				1.4S	X
387	2012	Safety Cartridges Cases (empty) Capped				1.4S	X
2228	2022	Safety Fuse		0105	FUSE, SAFETY	1.4S	X
389	2012	Safety Fuse (Wasag Chemic)				1.4S	X
271	2012	Saf-T-Pak				1.1D	ZZ
272	2012	Saf-T-Stick				1.1D	ZZ
1040	2012	SANFOLD Series		0082	EXPLOSIVE, BLASTING TYPE B	1.1D	ZZ
273	2012	Saxonite				1.1D	ZZ
2302	2024	SC 66	SC 66	0059	CHARGES, SHAPED without detonator	1.1D	ZZ
	2012	Scalerite				1.1D	ZZ
1027	2012	Scalex 30		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
1029	2012	Scalex 50		0241	EXPLOSIVE, BLASTING TYPE E	1.1D	ZZ
347	2012	Schermuly Day and Night Distress Signal				1.4G	X
348	2012	Schermuly Handflare				1.4G	X
349	2012	Schermuly Handsmoke				1.4G	X
322	2012	Schermuly Para Green Mark I Rocket				1.2G	Z
323	2012	Schermuly Para Illuminating Rocket				1.2G	Z
324	2012	Schermuly Para Red Mark I Rocket				1.2G	Z

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351	2012	Schermuly Signal Cartridge				1.4G	X
134	2012	Schultze Gunpowder				1.1C	ZZ
1068	2012	Scotch Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
1899	2020	Screamer Siren		0431	ARTICLES, PYROTECHNIC for technical purposes	1.4G	X
274	2012	Seagel				1.1D	ZZ
2240	2024	Seal Cracker - Seal Control Device		0428	ARTICLES, PYROTECHNIC for technical purposes	1.1G	X
	2012	Seatbelt Pretensioner (pyrotechnic)				9	X
	2012	Seatbelt Pretensioner (pyrotechnic)				1.4S	X
1894	2020	Secure Igniter	T6005090	0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
275	2012	Seismex				1.1D	ZZ
276	2012	Seismic Charge				1.1D	ZZ
277	2012	Seismic Primer				1.1D	ZZ
1342	2012	Sellier & Bellot Plain Detonators No 8		0029	DETONATORS, NONELECTRIC, for blasting	1.1B	ZZ
278	2012	Semigel				1.1D	ZZ
	2012	Senatel Magnum				1.1D	ZZ
	2012	Senatel Permitted 1000				1.1D	ZZ
	2012	Senatel Powerfrag				1.1D	ZZ
	2012	Senatel Powerpac				1.1D	ZZ
	2012	Senatel Powersplit				1.1D	ZZ
	2012	Senatel Pyromex				1.1D	ZZ
	2012	Senatel Pyrosplit				1.1D	ZZ
	2012	SG 5				1.1D	ZZ
279	2012	Shaped Charges				1.1D	ZZ
280	2012	Shearcord				1.1D	ZZ
2272	2023	Shock*Star DC Relay		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2270	2023	Shock*Star LP Detonator		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2268	2023	Shock*Star MS Detonator		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4B	Z
2268	2023	Shock*Star MS Detonator		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2269	2023	Shock*Star Surface Detonator		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z
2271	2023	Shock*Star TS Detonator		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.4S	Z

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	2012	Shockline				1.4S	X
36	2012	Short Delay Detonator				1.1B	Z
	2012	Shotshell 8 Gauge Industrial Rounds (CE8SPW)				1.2C	Z
37	2012	Siline Delay Detonator				1.1B	Z
38	2012	Siline Relay Connector, One-way				1.1B	Z
39	2012	Siline Relay Connector, Two-way				1.1B	Z
390	2012	Silver Match				1.4S	X
	2012	Simex				1.1D	ZZ
2001	2021	Sindet 1.1B - 0 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 100 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 150 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 17 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 175 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 200 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 25 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 300 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 33 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 42 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 67 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2001	2021	Sindet 1.1B - 9 ms delay		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
2002	2021	Sindet 1.4S - 0 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 100 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 150 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 17 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 175 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2002	2021	Sindet 1.4S - 200 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 25 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 300 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 33 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 42 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 67 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
2002	2021	Sindet 1.4S - 9 ms delay		0267	DETONATORS, NON-ELECTRIC for blasting	1.4B	Z
	2012	Single Use Model Rocket Motor				1.4G	X
	2012	Single Use Model Rocket Motor (2010)				1.3G	X
391	2012	Skorpion Anti Theft Device				1.4S	X
634	2012	Slider Primer Detonator Assemblies				1.1B	Z
281	2012	Slidercord				1.1D	ZZ
612	2012	Sliderline				1.1D	ZZ
643	2012	Slurran 916				1.1D	ZZ
	2012	Smartshot Electronic Detonator				1.4B	Z
392	2012	Smoke Candle No. 2				1.4S	X
135	2012	Smokeless Diamond				1.1C	ZZ
393	2012	Snaps for Bonbon Crackers				1.4S	X
	2012	SoftLOAD Series				1.5D	ZZ
2133	2021	Solar ANFO		0082	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2247	2022	Solar BE 100 Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2249	2022	Solar BE 300 Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2251	2022	Solar BE 600 Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2246	2022	Solar BE100 Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2248	2022	Solar BE300 Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ

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2250	2022	Solar BE600 Matrix		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
1990	2020	Solar Cast-P		0042	BOOSTERS, without detonator	1.1D	ZZ
2136	2021	Solar SJ ANE Series	SJ100M	3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2136	2021	Solar SJ ANE Series	SJ300M	3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2135	2021	Solar SJ Series	SJ100	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2135	2021	Solar SJ Series	SJ300	0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P100	0042	BOOSTERS, without detonator	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P150	0042	BOOSTERS, without detonator	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P200	0042	BOOSTERS, without detonator	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P25	0042	BOOSTERS, without detonator	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P250	0042	BOOSTERS, without detonator	1.1D	ZZ
1990	2020	Solarcast-P Boosters	P400	0042	BOOSTERS, without detonator	1.1D	ZZ
2087	2021	Solarcord A		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord I		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord II		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord III		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord IV		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord V		0065	CORD, DETONATING, flexible	1.1D	ZZ
2087	2021	Solarcord VI		0065	CORD, DETONATING, flexible	1.1D	ZZ
353	2012	Sparkler				1.4G	X
	2012	Special 18T Detonating Cord				1.1D	ZZ
	2012	Special 25T Detonating Cord				1.1D	ZZ
1037	2012	Special 50AA Detonating Cord		0065	CORD, DETONATING, flexible	1.1D	ZZ
	2012	Special 50T Detonating Cord				1.1D	ZZ



SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
354	2012	Speedline Igniter				1.4G	X
2164	2021	SPINIFEX EMULSION		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2192	2021	Spinifex Un-Inhibited Emulsion Blends		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2191	2021	Spinifex Un-Inhibited Heavy ANFO Emulsion Blends		0082	EXPLOSIVE, BLASTING, TYPE B	1.1D	ZZ
	2012	Splitex				1.1D	ZZ
	2012	SQ-80 Igniter				1.1B	ZZ
2277	2024	SR75 Hybrid Sounding Rocket (approved for assembly and use only)		N/A	N/A	N/A	X
136	2012	SS Trap				1.1C	ZZ
	2012	ST Primer				1.1D	ZZ
	2012	Standard and Easy Access Reload Kits				1.4G	X
	2012	Standard Easy Access Reload Kits (2010)				1.3G	X
395	2012	Starting Pistol Cap				1.4S	X
	2012	Stope Sheer				1.1D	ZZ
1023	2012	Stopeprime		0042	BOOSTER, without detonator	1.1D	ZZ
394	2012	Streamer Bomb				1.4S	X
1315	2012	String Crackers (aka Firecrackers, Bangers, Bungers and Squibs)		0336	FIREWORKS	1.4G	X
284	2012	Stripcord				1.1D	ZZ
	2012	Subtek Charge				1.1D	ZZ
	2012	Subtek Control				1.1D	ZZ
	2012	Subtek Eclipse				1.1D	ZZ
1980	2020	Subtek System Bulk Emulsion		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
	2012	Subtek Velcro				1.1D	ZZ
2088	2021	Superpower - 25 mm x 200 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 32 mm x 200 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 32 mm x 400 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 38 mm x 400 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 40 mm x 300 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 50 mm x 240 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 50 mm x 450 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2088	2021	Superpower - 60 mm x 460 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 80 mm x 480 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2088	2021	Superpower - 90 mm x 420 mm		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
285	2012	Superseis				1.1D	ZZ
40	2012	Superseis Blasting Cap				1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 1.5 m length, copper wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 1.5 m length, GI wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 1.8 m GI wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 1.8 m length, copper wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 2.0 m length, copper wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 2.0 m length, GI wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 3.0 m length, copper wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
2086	2021	Supreme Aluminium Instantaneous Electric Detonator - 3.0 m length, GI wire		0030	DETONATORS, ELECTRIC for blasting	1.1B	Z
1989	2020	Supreme Hookdet Detonators		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1988	2020	Supreme LP Detonators		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1987	2020	Supreme MS Detonators		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
	2012	Swiss Black Powders				1.1D	ZZ
287	2012	T.N.C.				1.1D	ZZ
	2012	Teakle H5005				1.1C	ZZ
	2012	TEC Electric Delay Detonators				1.1B	Z
	2012	TEC Harseim detonating cord (12 g per metre)				1.1D	ZZ
	2012	TEC Igniter Cord Connectors (Bean Hole Connectors)				1.4G	ZZ

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1015	2012	TEC No 8 Plain Detonator		0029	DETONATORS, NON-ELECTRIC for blasting	1.1B	Z
	2012	TEC Safety Fuse				1.4S	X
	2012	TECNEL non Electric Detonator				1.1B	Z
	2012	TECNEL non-electric detonators				1.4B	Z
	2012	TECNEL TLD Surface Delay				1.1B	Z
	2012	TECNEL TLD Surface Delay				1.4B	Z
2143	2021	Test Booster 160 g, 1100 g		0042	BOOSTERS, without detonator	1.1D	ZZ
286	2012	Tetryl Primer				1.1D	ZZ
355	2012	Thermalite Ignitacord				1.4G	X
	2012	ThrowMAX Series				1.1D	ZZ
	2012	Titan 1000 Emulsion ANFO Blend Series				1.5D	ZZ
	2012	Titan 1000 Gassed Emulsion ANFO Blend Series				1.1D	ZZ
	2012	Titan 1000 Heavy ANFO Series				1.1D	ZZ
	2012	Titan 2000 (SSAN)				5.1	ZZ
	2012	Titan 2000 Emulsion ANFO Blend Series				1.1D	ZZ
	2012	Titan 2000 Gassed Series				1.1D	ZZ
	2012	Titan 2000 Heavy ANFO Series				1.1D	ZZ
	2012	Titan 2000S				1.1D	ZZ
	2012	Titan 3000 Emulsion ANFO Blends				1.5D	ZZ
	2012	Titan 3000 Gassed Series				1.1D	ZZ
	2012	Titan 3000S				1.1D	ZZ
	2012	Titan 4000 Emulsion ANFO Blend Series				1.1D	ZZ
	2012	Titan 4000 Gassed Emulsion ANFO Blend Series				1.1D	ZZ
	2012	Titan 4000 Heavy ANFO Series				1.1D	ZZ
	2012	Titan 5000 Emulsion ANFO Blends				1.5D	ZZ
	2012	Titan 5000 Emulsion Matrix (SSAN)				5.1	ZZ
	2012	Titan 5000 Heavy ANFO Blends				1.5D	ZZ
	2012	Titan 5000 Heavy ANFO Series				1.1D	ZZ
	2012	Titan 6000 Emulsion ANFO Blends				1.1D	ZZ
	2012	Titan 6000 Gassed Series				1.1D	ZZ
	2012	Titan 6000 Heavy ANFO Blends				1.1D	ZZ
	2012	Titan 6000 S				1.5D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
	2012	Titan 6100 Emulsion Gassed				1.1D	ZZ
	2012	Titan 6100 Emulsion Matrix (SSAN)				5.1	ZZ
	2012	Titan 6100S				1.5D	ZZ
	2012	Titan 7000 (SSAN)				5.1	ZZ
	2012	Titan 7000 Gassed Series				1.1D	ZZ
	2012	Titan 7000i Gassed Series				1.1D	ZZ
	2012	Titan Blastlite				1.1D	ZZ
2141	2021	TME Igniter - Type 1		0454	IGNITERS	1.4S	X
2142	2021	T-Minus CC-116_X Rocket Motor		0491	CHARGES, PROPELLING	1.4C	Y
2140	2021	T-Minus Dart System		0183	ROCKETS with inert head	1.3C	Y
288	2012	Tonite (or Cotton Powder No. 1)				1.1D	ZZ
289	2012	Tonite (or Cotton Powder No. 2)				1.1D	ZZ
	2012	Totalprime				1.1D	ZZ
290	2012	Tovex 100				1.1D	ZZ
291	2012	Tovex 200				1.1D	ZZ
292	2012	Tovex 472				1.1D	ZZ
293	2012	Tovex 473				1.1D	ZZ
294	2012	Tovex 500				1.1D	ZZ
295	2012	Tovex 650				1.1D	ZZ
296	2012	Tovex 700				1.1D	ZZ
297	2012	Tovex 800				1.1D	ZZ
603	2012	Tovex BE				1.5D	ZZ
298	2012	Tovex DX (Drivex)				1.1D	ZZ
404	2012	Tovex Extra				1.5D	ZZ
604	2012	Tovex Extra LD				1.5D	ZZ
299	2012	Tovex Extra-R				1.1D	ZZ
300	2012	Tovex Hi-Drive				1.1D	ZZ
602	2012	Tovex LD BE				1.5D	ZZ
301	2012	Tovex P Primer				1.1D	ZZ
656	2012	Tovex Pumpex				1.1D	ZZ
302	2012	Tovex PX				1.1D	ZZ
303	2012	Tovex S1				1.1D	ZZ
609	2012	Tovex S1				1.1D	ZZ
304	2012	Tovex SDX				1.1D	ZZ
305	2012	Tovex Seismopac				1.1D	ZZ
608	2012	Tovex Seismopac				1.1D	ZZ
1995	2020	Trail Boss		0161	POWDER, SMOKELESS	1.3C	Y
	2012	Trojan Booster				1.1D	ZZ
2149	2021	Trojan NB Universal 400 g Cast Boosters	NBU0400B	0042	BOOSTERS, without detonator	1.1D	ZZ
2149	2021	Trojan NB Universal 400 g Cast Boosters	NBU0400C	0042	BOOSTERS, without detonator	1.1D	ZZ
2149	2021	Trojan NB Universal 400 g Cast Boosters	NBU0400EX	0042	BOOSTERS, without detonator	1.1D	ZZ
2149	2021	Trojan NB Universal 400 g Cast Boosters	NBU0400N	0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	Trojan NBU B 400				1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
2113	2021	Trojan NBU C Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
653	2012	Trojan Primers				1.1D	ZZ
2241	2022	Trojan Sheild L	TR0450	0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	Trojan Spartan B				1.1D	ZZ
	2012	Trojan Spartan Boosters (150g and 400g)				1.1D	ZZ
1855	2020	Trojan Spartan CSU Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
2021	2021	Trojan Stinger Superprime Booster - 10 g		0042	BOOSTERS, without detonator	1.1D	ZZ
2021	2021	Trojan Stinger Superprime Booster - 20 g		0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	Trojan Twinplex Boosters				1.1D	ZZ
2260	2023	Trojan WB	WB001	0042	BOOSTERS, without detonator	1.1D	ZZ
306	2012	Trunkcord				1.1D	ZZ
	2012	Trunkmaster				1.1B	Z
1991	2020	Tubing Cutter 3.375	3375T201	0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
1991	2020	Tubing Cutter 3.375	3375T301	0059	CHARGES, SHAPED, without detonator	1.1D	ZZ
307	2012	Tuffcord				1.1D	ZZ
	2012	Tunniprime Booster				1.1D	ZZ
1011	2012	UEE Booster		0042	BOOSTERS, without detonator	1.1D	ZZ
	2012	UEE Detonating Cord				1.1D	ZZ
	2012	UEE TEC No.8 Plain Detonators				1.4B	Z
2041	2021	UG300S Series		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
2053	2021	UG300S Series Base Emulsion		3375	AMMONIUM NITRATE EMULSION, intermediate for blasting explosive	5.1	ZZ
2182	2021	UltrAN 75 XE	1,100 kg	1942	AMMONIUM NITRATE, with not more than 0.2% total combustible material, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	ZZ
308	2012	Uniline				1.1D	ZZ
1787	2024	Unitronic 600 Electronic Detonator		0511/0512	DETONATORS, ELECTRONIC programmable for blasting	1.1B/1.4B	Z
	2012	Unitronic Electronic Delay Detonator				1.1B	Z

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
	2012	Unitronic Electronic Delay Detonator				1.4B	Z
	2012	Unitronic™ 600 Electronic Detonator				1.1B	Z
	2012	Unitronic™ 600 Electronic Detonator				1.4B	Z
	2012	Unitronic™ Series 500 Electronic Detonator				1.1B	Z
	2012	Unitronic™ Series 500 Electronic Detonator				1.4B	Z
1882	2020	Venting Device Shaped Charge	101288565	0440	CHARGES, SHAPED without detonator	1.4D	Z
356	2012	Very Signal Cartridge				1.4G	X
41	2012	Vibrocap SR				1.1B	Z
309	2012	Vibrogel 3				1.1D	ZZ
311	2012	Vibronite S Primer				1.1D	ZZ
310	2012	Vibronite S1				1.1D	ZZ
2281	2023	Vintavouri N100-Series		0509	Powder, Smokeless	1.4C	Y
2281	2023	Vintavouri N100-Series		0509	Powder, Smokeless	1.4C	Y
2281	2023	Vintavouri N100-Series		0509	Powder, Smokeless	1.4C	Y
2283	2023	Vintavouri N300-Series		0509	Powder, Smokeless	1.4C	Y
2283	2023	Vintavouri N300-Series		0509	Powder, Smokeless	1.4C	Y
137	2012	Viscorim				1.1C	ZZ
1920	2020	Vistan™ 200		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1921	2020	Vistan™ 200s		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1920	2020	Vistan™ 225		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1921	2020	Vistan™ 225s		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1920	2020	Vistan™ 250		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1921	2020	Vistan™ 250s		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1920	2020	Vistan™ 275		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1921	2020	Vistan™ 275s		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1922	2020	Vistis™ 200		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1922	2020	Vistis™ 225		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1922	2020	Vistis™ 250		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
1922	2020	Vistis™ 275		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
312	2012	Vorlite				1.1D	ZZ
313	2012	Vortex				1.1D	ZZ
1945	2020	WALA		0241	EXPLOSIVE, BLASTING, TYPE E	1.1D	ZZ
1968	2020	Wala Gel		3139	AMMONIUM NITRATE GEL, intermediate for blasting explosive	5.1	ZZ
	2012	WANO Black Powder Series				1.1D	ZZ
	2012	WANO Igniter Cord				1.4G	X
	2012	Wasacord Detonating Cord				1.1D	ZZ
401	2012	Winchester (WLP) Large Pistol Primers				1.4S	X
402	2012	Winchester (WLR) Large Rifle Primers				1.4S	X
399	2012	Winchester (WSP) Small Pistol Primers				1.4S	X
400	2012	Winchester (WSR) Small Rifle Primers				1.4S	X
2042	2021	Winchester 231 Powder - 1 lb		0161	POWDER, SMOKELESS	1.3C	Y
2042	2021	Winchester 231 Powder - 4 lb		0161	POWDER, SMOKELESS	1.3C	Y
2058	2021	Winchester 296 Powder - 1 lb		0161	POWDER, SMOKELESS	1.3C	Y
2059	2021	Winchester 748 Powder - 1 lb HDPE bottle		0161	POWDER, SMOKELESS	1.3C	Y
2059	2021	Winchester 748 Powder - 8 lb HDPE bottle		0161	POWDER, SMOKELESS	1.3C	Y
2060	2021	Winchester 760 Powder - 1 lb HDPE bottle		0161	POWDER, SMOKELESS	1.3C	Y
2060	2021	Winchester 760 Powder - 8 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
2061	2021	Winchester Auto Comp Powder - 1 lb HDPE bottle		0161	POWDER, SMOKELESS	1.3C	Y
2061	2021	Winchester Auto Comp Powder - 8 lb HDPE bottle		0161	POWDER, SMOKELESS	1.3C	Y
138	2012	Winchester Ball Powder				1.1C	ZZ
403	2012	Winchester Shotgun Primers (Battery Cup Type)				1.4S	X
2062	2021	Winchester Super Field Powder - 1 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
2062	2021	Winchester Super Field Powder - 8 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
2063	2021	Winchester Super Handicap Powder - 1 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y

SWSA Reference	Year	Product Name	Part Number	UN Number	Proper Shipping Name	Class/Division/Compatibility Group	Category
	2012	Winchester Super Target (WST)				1.3C	ZZ
2064	2021	Winchester Super Target Powder - 1 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
2064	2021	Winchester Super Target Powder - 4 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
2064	2021	Winchester Super Target Powder - 8 lb bottle		0161	POWDER, SMOKELESS	1.3C	Y
	2012	WS (145, 162 or 305)				1.1D	ZZ
2297	2024	WT Bell Cutters	3500T301PA	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2297	2024	WT Bell Cutters	4200T301	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
2297	2024	WT Bell Cutters	4250T301PA	0440	CHARGES, SHAPED, without detonator	1.4D	ZZ
314	2012	Xactex				1.1D	ZZ
2036	2021	X-Booster	X-BOOSTER-150 (APD-P-150)	0042	BOOSTERS, without detonator	1.1D	ZZ
2036	2021	X-Booster	X-BOOSTER-225 (APD-P-225)	0042	BOOSTERS, without detonator	1.1D	ZZ
2036	2021	X-Booster	X-BOOSTER-450 (APD-P-450)	0042	BOOSTERS, without detonator	1.1D	ZZ
2036	2021	X-Booster	X-BOOSTER-675 (APD-P-675)	0042	BOOSTERS, without detonator	1.1D	ZZ
2036	2021	X-Booster	X-BOOSTER-900 (APD-P-900)	0042	BOOSTERS, without detonator	1.1D	ZZ
1872	2020	XP Millisecond Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
1873	2020	XP Network Detonator		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1.1B	Z
	2012	Xtreme Range				1.1D	ZZ
	2012	Z - Bar Edge				1.1D	ZZ
	2012	Z - Bar Lifter				1.1D	ZZ
	2012	Z Series Spark Hit Squibs				1.4S	X
1814	2020	ZR Igniter		0430	ARTICLES, PYROTECHNIC for technical purposes	1.3G	ZZ

By command,

NATALIE FLEUR COOK, MP  
For Premier



## PROCLAMATIONS

South Australia

## **Aboriginal Heritage (Miscellaneous) Amendment Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Aboriginal Heritage (Miscellaneous) Amendment Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

The *Aboriginal Heritage (Miscellaneous) Amendment Act 2024* (No 42 of 2024) comes into operation on 1 January 2025.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Bail (Terror Suspects and Firearm Parts) Amendment Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Bail (Terror Suspects and Firearm Parts) Amendment Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

The *Bail (Terror Suspects and Firearm Parts) Amendment Act 2024* (No 33 of 2024) comes into operation on 16 December 2024.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Criminal Law Consolidation (Recruiting Children to Commit Crime) Amendment Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Criminal Law Consolidation (Recruiting Children to Commit Crime) Amendment Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

The *Criminal Law Consolidation (Recruiting Children to Commit Crime) Amendment Act 2024* (No 35 of 2024) comes into operation on 16 December 2024.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Evidence (Aboriginal Traditional Laws and Customs) Amendment Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Evidence (Aboriginal Traditional Laws and Customs) Amendment Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

The *Evidence (Aboriginal Traditional Laws and Customs) Amendment Act 2024* (No 30 of 2024) comes into operation on 16 December 2024.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Spent Convictions (Part 8A Findings) Amendment Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Spent Convictions (Part 8A Findings) Amendment Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

The *Spent Convictions (Part 8A Findings) Amendment Act 2024* (No 32 of 2024) comes into operation on 1 February 2025.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Statutes Amendment (Public Trustee and Litigation Guardian) Act (Commencement) Proclamation 2024**

### **1—Short title**

This proclamation may be cited as the *Statutes Amendment (Public Trustee and Litigation Guardian) Act (Commencement) Proclamation 2024*.

### **2—Commencement of Act**

- (1) Subject to subclause (2), the *Statutes Amendment (Public Trustee and Litigation Guardian) Act 2024* (No 34 of 2024) comes into operation on 1 January 2025.
- (2) The following provisions of the Act come into operation on 1 July 2025:
  - (a) sections 3 to 5 (inclusive);
  - (b) section 6(1);
  - (c) sections 8 to 10 (inclusive).

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## Adelaide University (Transfer of Staff) Proclamation 2024

under Schedule 1 clause 15 of the *Adelaide University Act 2023*

### 1—Short title

This proclamation may be cited as the *Adelaide University (Transfer of Staff) Proclamation 2024*.

### 2—Commencement

- (1) Subject to this clause, this proclamation comes into operation on the day on which it is made.
- (2) Clause 3 and Schedule 1 come into operation on 18 January 2025.
- (3) Clause 4 and Schedule 2 come into operation on 25 January 2025.
- (4) Clause 5 and Schedule 3 come into operation on 3 May 2025.
- (5) Clause 6 and Schedule 4 come into operation on 10 May 2025.

### 3—Transfer of staff on 18 January 2025

The employment of the employees of the University of South Australia referred to in Schedule 1 is transferred to Adelaide University on 18 January 2025.

### 4—Transfer of staff on 25 January 2025

The employment of the employees of The University of Adelaide referred to in Schedule 2 is transferred to Adelaide University on 25 January 2025.

### 5—Transfer of staff on 3 May 2025

The employment of the employees of The University of Adelaide referred to in Schedule 3 is transferred to Adelaide University on 3 May 2025.

### 6—Transfer of staff on 10 May 2025

The employment of the employees of the University of South Australia referred to in Schedule 4 is transferred to Adelaide University on 10 May 2025.

## Schedule 1—Transfer of University of South Australia staff on 18 January 2025

- (1) Subject to subclause (2), the following employees of the University of South Australia:
  - (a) all professional, security and grounds staff within the meaning of the *University of South Australia Enterprise Agreement 2023*, who are employed by the university immediately before the commencement of this Schedule;
  - (b) all senior professional staff within the meaning of the university's *Senior Staff Employment Conditions Policy*, who are employed by the university immediately before the commencement of this Schedule.

- (2) Subclause (1) does not apply to the following employees:
- (a) Paul Beard (Chief Operating Officer);
  - (b) Joanne Cys (Provost and Chief Academic Officer);
  - (c) David Lloyd (Vice Chancellor and President);
  - (d) Tom Steer (Chief Academic Services Officer).

## **Schedule 2—Transfer of The University of Adelaide staff on 25 January 2025**

- (1) Subject to subclause (2), all professional staff (including all English language teachers) within the meaning of the *University of Adelaide Enterprise Agreement 2023-2025*, who are employed by the university immediately before the commencement of this Schedule.
- (2) Subclause (1) does not apply to the following employees:
- (a) Jessica Gallagher (Deputy Vice Chancellor (External Engagement));
  - (b) Peter Høj (Vice Chancellor and President);
  - (c) Steve Larkin (Pro Vice Chancellor, Indigenous Engagement);
  - (d) Anton Middelberg (Deputy Vice Chancellor and Vice President (Research));
  - (e) Paula Ward (Chief People Officer);
  - (f) John Williams (Provost).

## **Schedule 3—Transfer of The University of Adelaide staff on 3 May 2025**

- (1) Subject to subclause (2), all employees of The University of Adelaide who are employed by the university immediately before the commencement of this Schedule.
- (2) Subclause (1) does not apply to Peter Høj (Vice Chancellor and President).

## **Schedule 4—Transfer of University of South Australia staff on 10 May 2025**

- (1) Subject to subclause (2), all employees of the University of South Australia who are employed by the university immediately before the commencement of this Schedule.
- (2) Subclause (1) does not apply to David Lloyd (Vice Chancellor and President).

### **Made by the Governor**

after consultation with The University of Adelaide, the University of South Australia and Adelaide University and with the advice and consent of the Executive Council  
on 5 December 2024

South Australia

## **Succession (Designated Day) Proclamation 2024**

under Schedule 4 clause 1 of the *Succession Act 2023*

### **1—Short title**

This proclamation may be cited as the *Succession (Designated Day) Proclamation 2024*.

### **2—Commencement**

This proclamation comes into operation on the day on which Schedule 4 of the *Succession Act 2023* comes into operation.

### **3—Designated day**

For the purposes of the definition of *designated day* in Schedule 4 clause 1 of the *Succession Act 2023*, 1 January 2025 is appointed as the designated day for the purposes of clause 2 of that Schedule.

### **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

## REGULATIONS

South Australia

# **Rail Safety National Law National Regulations (Drug and Alcohol Testing) Amendment Regulations 2024**

under the *Rail Safety National Law (South Australia) Act 2012*

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## **Contents**

### **Part 1—Preliminary**

- 1 Short title
- 2 Commencement
- 3 Amendment provisions

### **Part 2—Amendment of *Rail Safety National Law National Regulations 2012***

- 4 Amendment of regulation 28—Drug and alcohol management program
- 

## **Part 1—Preliminary**

### **1—Short title**

These regulations may be cited as the *Rail Safety National Law National Regulations (Drug and Alcohol Testing) Amendment Regulations 2024*.

### **2—Commencement**

These regulations come into operation 28 days after the day on which they are made.

### **3—Amendment provisions**

In these regulations, a provision under a heading referring to the amendment of specified regulations amends the regulations so specified.

## **Part 2—Amendment of *Rail Safety National Law National Regulations 2012***

### **4—Amendment of regulation 28—Drug and alcohol management program**

- (1) Regulation 28(2)(a)(i)—delete subparagraph (i) and substitute:
  - (i) in each year on a random basis using risk management principles to select rail safety workers (being not less than 25% of all rail safety workers carrying out rail safety work within New South Wales in relation to the operator's railway operations), the operator must require the workers to submit to a preliminary breath test, a breath analysis or a test for the presence of a drug; and

- (2) Regulation 28(2)(b)—after subparagraph (iii) insert:
- (iia) an oral fluid analysis confirming the presence of a drug in the oral fluid of a rail safety worker; and
- (3) Regulation 28(2)(b)(vi)—delete subparagraph (vi) and substitute:
- (vi) any rail safety worker who, when required to do so under the drug and alcohol management program of the operator, fails to undergo a breath test, undergo a breath analysis, or provide a sample of blood, urine or oral fluid; and
- (4) Regulation 28(2)(b)(vii)—delete subparagraph (vii) and substitute:
- (vii) any incident or suspected incident involving the interference or tampering with, or the destruction of, a sample of a person's blood, urine or oral fluid provided or taken under the drug and alcohol management program of the operator in contravention of that program; and
- (5) Regulation 28(2)(b)(viii)—delete subparagraph (viii) and substitute:
- (viii) any incident or suspected incident involving something being done in contravention of the drug and alcohol management program of the operator to introduce, or alter the concentration of, alcohol or any other drug in a rail safety worker's breath, blood, urine or oral fluid before the worker submitted to a breath analysis or oral fluid analysis or provided a sample of blood or urine under that program.

### **Made by the Governor**

on the unanimous recommendation of the responsible Ministers and with the advice and consent of the Executive Council  
on 5 December 2024

No 111 of 2024



South Australia

# Animal Welfare (Use of Traps) Amendment Regulations 2024

under the *Animal Welfare Act 1985*

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## Contents

### Part 1—Preliminary

- 1 Short title
- 2 Commencement

### Part 2—Amendment of *Animal Welfare Regulations 2012*

- 3 Amendment of regulation 9—Use of traps prohibited in certain circumstances
- 

## Part 1—Preliminary

### 1—Short title

These regulations may be cited as the *Animal Welfare (Use of Traps) Amendment Regulations 2024*.

### 2—Commencement

These regulations come into operation on the day on which they are made.

## Part 2—Amendment of *Animal Welfare Regulations 2012*

### 3—Amendment of regulation 9—Use of traps prohibited in certain circumstances

Regulation 9(2a)(b)—delete paragraph (b) and substitute:

- (b) —
  - (i) the trap is set on land that is not less than 1 km from the nearest residential premises; or
  - (ii) the person has the written permission of the owner of land on which the trap is set to set, check and reset the trap on the day specified in the written permission; and

#### Editorial note—

As required by section 10AA(2) of the *Legislative Instruments Act 1978*, the Minister has certified that, in the Minister's opinion, it is necessary or appropriate that these regulations come into operation as set out in these regulations.

### Made by the Governor

with the advice and consent of the Executive Council  
on 5 December 2024

No 112 of 2024

South Australia

# Guardianship and Administration (Prescribed Amount) Amendment Regulations 2024

under the *Guardianship and Administration Act 1993*

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## Contents

### Part 1—Preliminary

- 1 Short title
- 2 Commencement

### Part 2—Amendment of *Guardianship and Administration Regulations 2015*

- 3 Insertion of regulation 5A  
5A Amount retained to pay outstanding debts etc (section 41A(2) of Act)
- 

## Part 1—Preliminary

### 1—Short title

These regulations may be cited as the *Guardianship and Administration (Prescribed Amount) Amendment Regulations 2024*.

### 2—Commencement

These regulations come into operation on the day on which section 3 of the *Statutes Amendment (Public Trustee and Litigation Guardian) Act 2024* comes into operation.

## Part 2—Amendment of *Guardianship and Administration Regulations 2015*

### 3—Insertion of regulation 5A

After regulation 5 insert:

#### **5A—Amount retained to pay outstanding debts etc (section 41A(2) of Act)**

For the purposes of section 41A(2)(b) of the Act, the prescribed amount is \$5000.

## Made by the Governor

with the advice and consent of the Executive Council  
on 5 December 2024

No 113 of 2024

South Australia

# Succession Regulations 2024

under the *Succession Act 2023*

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## Contents

1	Short title
2	Commencement
3	Interpretation
4	Provision of statement and account (section 92)
5	Interest on estate held by administrator (section 96(3))
6	Interest on legacies (section 99)
7	Election by spouse or domestic partner (section 102)
8	Dispute as to division of personal goods (section 106(3))
9	Prescribed agreements (section 115(2))

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### 1—Short title

These regulations may be cited as the *Succession Regulations 2024*.

### 2—Commencement

These regulations come into operation on the day on which the *Succession Act 2023* comes into operation.

### 3—Interpretation

In these regulations—

*Act* means the *Succession Act 2023*.

### 4—Provision of statement and account (section 92)

A fee prescribed for the purposes of section 92 of the Act in relation to the provision of a statement and account may be paid by the administrator from the estate in relation to which the statement and account have been prepared.

### 5—Interest on estate held by administrator (section 96(3))

For the purposes of section 96(3) of the Act, the prescribed rate in relation to a sum of money is—

- (a) the Reserve Bank of Australia Cash Rate Target, as published on the Reserve Bank of Australia website; or
- (b) if the administrator has earned interest on the money—the actual rate of interest earned on the sum of money,

whichever is the greater.

## 6—Interest on legacies (section 99)

For the purposes of section 99 of the Act, the prescribed rate is—

- (a) the Reserve Bank of Australia Cash Rate Target, as published on the Reserve Bank of Australia website; or
- (b) if the administrator has earned interest on such amount of the legacy as remains unpaid—the actual rate of interest earned on the unpaid legacy,

whichever is the greater.

## 7—Election by spouse or domestic partner (section 102)

- (1) A notice given by an administrator under section 102(2)(b) of the Act must be in writing and must include the following:
  - (a) the land title reference and street or location address of the dwelling;
  - (b) a description of the nature and extent of the legal interest that may be acquired by the spouse or the domestic partner;
  - (c) the value of such legal interest in the dwelling as at the date of the intestate's death—
    - (i) if a valuation of the dwelling has been obtained for the purposes of section 102(8) of the Act—as determined with respect to that valuation; or
    - (ii) in any other case—as disclosed for the purposes of obtaining the grant of administration;
  - (d) a statement informing the spouse or domestic partner—
    - (i) of their entitlement to elect to acquire that interest under section 102(2)(b) of the Act; and
    - (ii) of the requirement for them make that election within 3 months from the date of service of the notice or within such longer period as the Court may allow.
- (2) A notice of election given by a spouse or domestic partner under section 102(5) of the Act must be in writing and must include the following:
  - (a) information establishing the entitlement of the spouse (by providing details of the lawful marriage to the intestate) or domestic partner (by providing details of the declaration made under the *Family Relationships Act 1975* or by providing a copy of the certificate issued by the Registrar of Births Deaths and Marriages under section 21 of the *Relationships Register Act 2016*);
  - (b) evidence that the spouse or domestic partner was residing in the dwelling at the date of death of the intestate;
  - (c) a statement indicating that they are electing to acquire the interest in the dwelling and specifying the amount to be paid for that acquisition.
- (3) A notice of revocation given under section 102(5) of the Act must be in writing and must include a statement indicating that the spouse or domestic partner is revoking a notice of election given in relation to a specified dwelling.

## **8—Dispute as to division of personal goods (section 106(3))**

A notice given by an administrator under section 106(3) of the Act must be in writing and must include the following:

- (a) details of the personal goods of the intestate that are in dispute between the spouse and the domestic partner and, if known by the administrator, the value of the goods;
- (b) a statement informing the spouse and domestic partner that, unless they agree to the division of the disputed personal goods of the intestate within 3 months from the date of service of the notice, the administrator will sell the disputed goods by way of public auction (at which the spouse or domestic partner may bid on the goods, if they so choose) and divide the net proceeds of sale equally between the spouse and the domestic partner;
- (c) either—
  - (i) details of the date and location of any public auction at which the goods may be offered for sale if no agreement is reached as to the division of the goods; or
  - (ii) an undertaking by the administrator to notify the spouse and domestic partner of such details at a later time if no agreement is reached as to the division of the goods.

## **9—Prescribed agreements (section 115(2))**

For the purposes of section 115(2) of the Act, a valid financial agreement (within the meaning of the *Family Law Act 1975* of the Commonwealth) between the deceased person and the former spouse or former domestic partner entered into on or after 1 January 2025 that, immediately before the death of the deceased person, was binding on the parties is an agreement of a prescribed kind.

### **Editorial note—**

As required by section 10AA(2) of the *Legislative Instruments Act 1978*, the Minister has certified that, in the Minister's opinion, it is necessary or appropriate that these regulations come into operation as set out in these regulations.

## **Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

No 114 of 2024

South Australia

# Retail and Commercial Leases (Prescribed Threshold) Amendment Regulations 2024

under the *Retail and Commercial Leases Act 1995*

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## Contents

### Part 1—Preliminary

- 1 Short title
- 2 Commencement

### Part 2—Amendment of *Retail and Commercial Leases Regulations 2010*

- 3 Insertion of regulation 3A  
3A Prescribed threshold
- 

## Part 1—Preliminary

### 1—Short title

These regulations may be cited as the *Retail and Commercial Leases (Prescribed Threshold) Amendment Regulations 2024*.

### 2—Commencement

These regulations come into operation on 1 July 2025.

## Part 2—Amendment of *Retail and Commercial Leases Regulations 2010*

### 3—Insertion of regulation 3A

After regulation 3 insert:

#### 3A—Prescribed threshold

For the purposes of the definition of *prescribed threshold* in section 3(1a) of the Act, the amount of \$420 000 per annum exclusive of GST is prescribed.

## Made by the Governor

with the advice and consent of the Executive Council  
on 5 December 2024

No 115 of 2024

South Australia

# Gaming Machines (Approved Trading System) Amendment Regulations 2024

under the *Gaming Machines Act 1992*

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## Contents

### Part 1—Preliminary

- 1 Short title
- 2 Commencement

### Part 2—Amendment of *Gaming Machines Regulations 2020*

- 3 Substitution of Part 2
    - Part 2—Approved trading system
      - 6 Interpretation
      - 7 GMEX
      - 8 Approval of registered person
      - 9 Offers for sale and purchase
      - 10 Trade agreements
      - 11 Approval of trade agreement
      - 12 Transfer, vesting and cancellation of gaming machine entitlements
      - 13 GMEX register
      - 14 Fees
  - 4 Insertion of Schedule 1
    - Schedule 1—Approved trading system—requirements for transfer of gaming machine entitlements under trade agreement
- 

## Part 1—Preliminary

### 1—Short title

These regulations may be cited as the *Gaming Machines (Approved Trading System) Amendment Regulations 2024*.

### 2—Commencement

These regulations come into operation on 10 February 2025.

## Part 2—Amendment of *Gaming Machines Regulations 2020*

### 3—Substitution of Part 2

Part 2—delete the Part and substitute:

## Part 2—Approved trading system

### 6—Interpretation

In this Part—

*eligible person* means a person who holds, or is entitled to hold, a gaming machine entitlement;

*GMEX*—see regulation 7;

*GMEX register*—see regulation 13;

*registered person* means a person who is approved by the Commissioner as a registered person under regulation 8;

*registered premises*—see regulation 8(2)(b);

*trade agreement*—see regulation 10.

### 7—GMEX

The Commissioner must establish and maintain an electronic system (to be called *GMEX*) that is accessible at all times by a registered person for the purposes of—

- (a) offering to sell gaming machine entitlements in relation to particular registered premises; or
- (b) expressing an interest in purchasing gaming machine entitlements in respect of particular registered premises; or
- (c) applying to the Commissioner for the approval of a trade agreement for the purchase, sale and transfer of gaming machine entitlements in accordance with this Part.

### 8—Approval of registered person

- (1) The Commissioner may, on application by—
  - (a) an eligible person; or
  - (b) a person authorised by an eligible person to act on behalf of the eligible person in relation to facilitating the sale or purchase of gaming machine entitlements,approve the registration of the person for the purposes of using GMEX.



- (2) An application for approval of a registered person must—
  - (a) be made in a manner and form, and contain the information, required by the Commissioner; and
  - (b) specify the licensed premises to which the registration will relate (the *registered premises*); and
  - (c) if the applicant is not an eligible person—be accompanied by such information as the Commissioner may require for the purposes of subregulation (3); and
  - (d) be accompanied by the prescribed fee (if any).
- (3) The Commissioner must, before approving an application by a person under subregulation (1)(b), be satisfied that the applicant is authorised by an eligible person to act on behalf of the eligible person in relation to facilitating the sale or purchase of gaming machine entitlements.
- (4) The Commissioner must, on revoking an approval given under this regulation, give notice of the revocation to all persons affected by the revocation.

## **9—Offers for sale and purchase**

- (1) An offer for the sale, or an expression of interest for the purchase, of gaming machine entitlements on GMEX must—
  - (a) be made by a registered person in a manner and form, and contain the information, determined by the Commissioner; and
  - (b) be accompanied by the prescribed fee.
- (2) If a registered person makes an offer for the sale, or an expression of interest for the purchase, of gaming machine entitlements on GMEX, the Commissioner must, as soon as reasonably practicable, notify the person—
  - (a) that the offer or expression of interest (as the case may be) will, on the day specified by the Commissioner in the notice, expire and be withdrawn from GMEX; and
  - (b) that they may withdraw the offer or expression of interest on GMEX at any time before it expires in accordance with paragraph (a).
- (3) If an offer for the sale, or an expression of interest for the purchase, of gaming machine entitlements on GMEX is withdrawn, the prescribed fee paid under subregulation (1)(b) will be retained.

## **10—Trade agreements**

- (1) Subject to this regulation, an eligible person who has made an expression of interest for the purchase of gaming machine entitlements on GMEX may enter into an agreement with 1 or more eligible persons who have made an offer for the sale of gaming machine entitlements on GMEX for the purchase of those entitlements (a *trade agreement*).

- (2) Subject to this regulation, a trade agreement must—
  - (a) be made in the manner and form determined by the Commissioner; and
  - (b) set out the following:
    - (i) the names of each vendor and purchaser under the agreement (the *parties to the trade agreement*);
    - (ii) the sale price of each gaming machine entitlement (including any GST applicable to the sale);
    - (iii) the manner in which payment under the trade agreement is to be made (being a manner of payment determined by the Commissioner);
    - (iv) any other information required by the Commissioner; and
  - (c) be accompanied by the prescribed fee (if any) payable by a party to the trade agreement; and
  - (d) comply with any applicable requirements of subregulation (3); and
  - (e) be approved by the Commissioner.
- (3) Subject to subregulation (4)(b), a trade agreement for the purchase of a number of gaming machine entitlements listed in the first column of the table in Schedule 1 must contain an offer for the sale of the number of gaming machine entitlements listed in the same row in the second column of that table.
- (4) The following provisions apply to Club One:
  - (a) Club One must not enter into a trade agreement for the sale of its gaming machine entitlements to an eligible person other than an eligible person who is a non-profit association that holds a gaming machine licence;
  - (b) the requirements of subregulation (3) do not apply to a trade agreement entered into by Club One for the sale of any of its gaming machine entitlements.
- (5) Subject to subregulation (6), an eligible person who holds a general and hotel licence in respect of particular registered premises must not, within 2 years after the day on which that licence is transferred to them, enter into a trade agreement for the sale of 1 or more of the gaming machine entitlements held by the person in relation to those premises.
- (6) The Commissioner may exempt an eligible person from subregulation (5) on application by the person which must—
  - (a) be made in a manner and form determined by the Commissioner; and
  - (b) contain the information required by the Commissioner; and
  - (c) be accompanied by the prescribed fee (if any).

## **11—Approval of trade agreement**

- (1) A trade agreement must be submitted for approval on GMEX by a registered person in the manner and form determined by the Commissioner.
- (2) If the Commissioner refuses an application to approve a trade agreement—
  - (a) the Commissioner must notify the registered person on GMEX; and
  - (b) the prescribed fee (if any) paid under regulation 10(2)(c) is to be refunded.
- (3) A party to a trade agreement may, at any time before the trade agreement is approved by the Commissioner, withdraw from the trade agreement in the manner determined by the Commissioner.
- (4) A party to a trade agreement must not withdraw from an approved trade agreement without the permission of the Commissioner.

## **12—Transfer, vesting and cancellation of gaming machine entitlements**

- (1) The vendor under an approved trade agreement must notify the Commissioner as soon as reasonably practicable after receiving the required payment under the agreement.
- (2) A notification under subregulation (1) must be made on GMEX in a manner and form determined by the Commissioner.
- (3) Once the Commissioner is satisfied that all required payments under an approved trade agreement have been made, the Commissioner must—
  - (a) if 1 of the parties to the trade agreement is Club One—vest the number of gaming machine entitlements specified in the relevant trade agreement in the purchaser under the agreement; and
  - (b) in any other case—
    - (i) vest the number of gaming machine entitlements listed in the first column of the table in Schedule 1 as specified in the relevant trade agreement in the purchaser under that agreement; and
    - (ii) cancel the number of gaming machine entitlements listed in the same row in the third column of the table in Schedule 1 (those entitlements having been surrendered to the Crown).
- (4) A gaming machine entitlement will be taken to have been transferred, vested or cancelled (as the case may be) at a time specified by the Commissioner by written notice given to each party to the relevant approved trade agreement.

### 13—GMEX register

- (1) The Commissioner must maintain a register containing the following information (the *GMEX register*):
  - (a) the details required by the Commissioner in relation to all offers for sale of gaming machine entitlements on GMEX;
  - (b) the details required by the Commissioner relating to all expressions of interest in the purchase of gaming machine entitlements on GMEX;
  - (c) the following details in respect of each approved trade agreement:
    - (i) the day on which the agreement was approved;
    - (ii) the number of gaming machine entitlements offered for sale;
    - (iii) the sale price for each gaming machine entitlement;
    - (iv) the number of gaming machine entitlements vested in the purchaser;
    - (v) the number of gaming machine entitlements cancelled by the Commissioner;
    - (vi) the day on which the gaming machine entitlements under the agreement were transferred, vested or cancelled (as the case may be);
    - (vii) the local government area in which the premises of the purchaser of the gaming machine entitlements is located;
    - (viii) whether or not the purchaser of the gaming machine entitlement is—
      - (A) the holder of the casino licence; or
      - (B) Club One; or
      - (C) a non-profit association that holds a gaming machine licence;
  - (d) any other information that the Commissioner thinks fit.
- (2) The GMEX register must be made publicly available on a website determined by the Commissioner.

### 14—Fees

The Commissioner may, in the Commissioner's absolute discretion, waive, reduce or refund (in whole or in part) a fee payable by a person under this Part.

**4—Insertion of Schedule 1**

Before Schedule 3 insert:

**Schedule 1—Approved trading system—requirements for transfer of gaming machine entitlements under trade agreement**

<b>Gaming machine entitlements to be purchased</b>	<b>Gaming machine entitlements to be offered for sale</b>	<b>Gaming machine entitlements to be cancelled</b>
1	2	1
2	3	1
3	4	1
4	5	1
5	7	2
6	8	2
7	9	2
8	10	2
9	12	3
10	13	3
11	14	3
12	15	3
13	17	4
14	18	4
15	19	4
16	20	4
17	22	5
18	23	5
19	24	5
20	25	5
21	27	6
22	28	6
23	29	6
24	30	6
25	32	7
26	33	7
27	34	7
28	35	7
29	37	8
30	38	8
31	39	8
32	40	8

**Editorial note—**

As required by section 10AA(2) of the *Legislative Instruments Act 1978*, the Minister has certified that, in the Minister's opinion, it is necessary or appropriate that these regulations come into operation as set out in these regulations.

**Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

No 116 of 2024

South Australia

# Public Sector (Ministerial Travel Reports) Amendment Regulations 2024

under the *Public Sector Act 2009*

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## Contents

### Part 1—Preliminary

- 1 Short title
- 2 Commencement

### Part 2—Amendment of *Public Sector Regulations 2010*

- 3 Insertion of Part 2A
    - Part 2A—Reporting on certain official travel
      - 7A Reporting on certain official travel
- 

## Part 1—Preliminary

### 1—Short title

These regulations may be cited as the *Public Sector (Ministerial Travel Reports) Amendment Regulations 2024*.

### 2—Commencement

These regulations come into operation on the day on which the *Public Sector (Ministerial Travel Reports) Amendment Act 2023* comes into operation.

## Part 2—Amendment of *Public Sector Regulations 2010*

### 3—Insertion of Part 2A

After regulation 7 insert:

#### **Part 2A—Reporting on certain official travel**

##### **7A—Reporting on certain official travel**

For the purposes of section 12B(8) of the Act, a report prepared under that section must be in writing.

**Editorial note—**

As required by section 10AA(2) of the *Legislative Instruments Act 1978*, the Minister has certified that, in the Minister's opinion, it is necessary or appropriate that these regulations come into operation as set out in these regulations.

**Made by the Governor**

with the advice and consent of the Executive Council  
on 5 December 2024

No 117 of 2024



# STATE GOVERNMENT INSTRUMENTS

## ASSOCIATIONS INCORPORATION ACT 1985

### SECTION 43A

#### *Deregistration of Associations*

Notice is hereby given that the Corporate Affairs Commission approves the applications for deregistration received from the associations named below pursuant to Section 43A of the *Associations Incorporation Act 1985* (SA). Deregistration takes effect on the date of publication of this notice.

BOAT OPERATORS OF SOUTH AUSTRALIA INCORPORATED (A43019)  
SOUTH AUSTRALIAN VOCAL EISTEDDFOD INCORPORATED (A44027)  
FENRIR DOGSPORT CLUB INCORPORATED (A43143)  
KINDNESS COLLECTIVE BAROSSA VALLEY INCORPORATED (A43103)  
SERVICE VOICES ASSOCIATION INCORPORATED (A41483)  
THE SOUTH AUSTRALIAN POLICE CYCLING CLUB INCORPORATED (A41536)  
CBETTER INCORPORATED (A42362)  
HUNGARIAN KOROSI CSOMA SANDOR CULTURAL CIRCLE, SOUTH AUSTRALIA INCORPORATED (A42057)  
GLENELG SCUBA DIVING CLUB INCORPORATED (A19848)  
DOCUMENTING MY LIFE DECISIONS ASSOCIATION INCORPORATED (A44294)  
CENTRALS MASTERS SOFTBALL CLUB INCORPORATED (A37861)

Given under the seal of the Commission at Adelaide.

Dated: 2 December 2024

KIRSTY LAWRENCE  
Team Leader, Gambling and Associations  
Delegate of the Corporate Affairs Commission

## CONTROLLED SUBSTANCES ACT 1984

### *Approval and Publication of the Vaccine Administration Code*

I, Robyn Lawrence, Chief Executive of the Department for Health and Wellbeing, approved for publication the Vaccine Administration Code (30 January 2025), on the SA Health website.

The Code is available at: [www.sahealth.sa.gov.au/immunisationprovider](http://www.sahealth.sa.gov.au/immunisationprovider).

Dated: 21 November 2024

DR ROBYN LAWRENCE  
Chief Executive  
Department for Health and Wellbeing

## ELECTORAL ACT 1985

### *Results of the By-election for the House of Assembly District of Black*

The Writ for the election of a member of the House of Assembly District of Black was issued on 16 October 2024. Polling took place on Saturday, 16 November 2024, and the Writ was returned on Tuesday, 26 November 2024.

The results of the by-election are as follows:

District: Black  
Elected Candidate: DIGHTON, Alex  
Affiliation: Australian Labor Party

Pursuant to Section 96(11) of the *Electoral Act 1985*, the following are the votes attributed to the two unexcluded candidates in the by-election for the District of Black.

#### DISTRICT OF BLACK: FINAL VOTES AFTER DISTRIBUTION OF PREFERENCES OF EXCLUDED CANDIDATES

Candidate	Number	Percentage	Affiliation
DIGHTON, Alex (elected)	12,820	59.9%	Australian Labor Party
WILSON, Amanda	8,596	40.1%	Liberal Party

Dated: 27 November 2024

M. SHERRY  
Electoral Commissioner

## ELECTRICITY ACT 1996

### COWELL ELECTRIC SUPPLY PTY LTD

#### *Standard Terms and Conditions*

Notice is hereby given that these default terms and conditions governing the sale of electricity by COWELL ELECTRIC SUPPLY PTY LTD (ABN 13 626 950 829) are published in accordance with Section 36(2) of the South Australian *Electricity Act 1996*.

Dated: 5 December 2024

CAMERON THOMPSON  
Chief Executive Officer  
Cowell Electric Supply Pty Ltd

REMOTE AREA ENERGY SUPPLY (RAES)  
STANDARD PRE-PAYMENT AND POST-PAYMENT CONTRACT  
*Electricity Retail Service*

This contract sets out the terms on which we connect and sell electricity to you as a customer at your current supply address.

These standard terms and conditions are published in accordance with Section 36 of the *Electricity Act 1996* (SA) (the Act). These standard terms and conditions will come into force on 5 December 2024 and, when in force, the terms will, by law, be binding on you and us. The document does not have to be signed to be binding.

Version Number	Version Date	Reason
1	4 October 2012	Government Gazette published the default terms and conditions governing the sale of electricity by Department for Manufacturing, Innovation, Trade, Resources and Energy in accordance with Section 36(2) of the South Australian <i>Electricity Act 1996</i> .
2	June 2014	References to Department for Manufacturing, Innovation, Trade, Resources and Energy changed to Department for State Development.
3	April 2016	Adjusted to reflect appointment of Cowell Electric Supply as contracted retail, distribution and generator service provider.
4	August 2018	References to Department for State Development changed to Department for Energy and Mining.
5	December 2021	Adjustment to reflect transfer of Retail Licence from Minister for Energy and Mining to Cowell Electric Supply.
6	December 2024	Revised to reflect introduction of ESCOSA Small-scale Electricity Networks Code and revisions to ESCOSA Prepayment Meter System Code. Published in the <i>South Australian Government Gazette</i> on 5 December 2024.

CONDITIONS OF CONNECTION, SALE AND SUPPLY

*Preamble*

This contract governs the relationship between the supplier of electricity retail services and the customer using the service. However, further obligations regarding the provision of electricity services may be imposed by law (for example, including but not limited to, the *Electricity Act 1996* (SA) and/or Codes created by the Essential Services Commission).

The contract is separated into three sections: general conditions, post-payment meter conditions, and pre-payment meter conditions.

Part A: General conditions (Clauses 1 through to 34 inclusive) apply to both post-payment and pre-payment customers (in addition to the relevant specific conditions in either Part B or Part C dependent on whether you are a post-payment customer or a pre-payment customer).

Part B: Post-payment conditions (Clauses 35 through to 43 inclusive) apply to post-payment customers only.

Part C: Pre-payment conditions (Clauses 44 through to 57 inclusive) apply to pre-payment customers only.

PART A: GENERAL CONDITIONS FOR POST-PAYMENT AND PRE-PAYMENT CUSTOMERS

**1. The Parties**

1.1 This **contract** is between:

Cowell Electric Supply (ABN 13 626 950 829) of 78 Schumann Road, Cowell, South Australia (referred to in this contract as **we, our, or us**); and

**you, the customer** as defined in the **Act** and to whom this **contract** applies (referred to in this **contract** as **you or your**).

**2. Services provided under this contract**

2.1 This **contract** sets out the terms on which **we** connect **your supply address** to **our** electricity distribution network, maintain that connection and sell and supply electricity at that **supply address**.

2.2 The services **we** will provide under this **contract** are:

- (a) connection services
- (b) maintaining **your** connection to **our** distribution network
- (c) the **sale and supply** of electricity, and
- (d) other services as set out in **our fees and charges schedule**.

2.3 In return **you** are required to pay the amounts due to **us**. **You** are also required to perform **your** other obligations under this **contract**.

**3. Definitions**

3.1 Words appearing in bold type like **this** have the following meaning:

**account**

can refer to any of the following:

- (a) a **pre-payment meter** account
- (b) a **post-payment meter** account
- (c) an amount owing on the **pre-payment meter** as a result of **emergency credit** or **friendly credit** being consumed by the **customer** prior to payment.

**Act**

means the *Electricity Act 1996* (SA) as amended from time to time.

**applicable regulatory instruments**

means any Act (including without limitation, the **Act**) or regulatory instrument made under an Act (including without limitation, the **Regulations**), the **Code**, the **Pre-payment Code** or any other industry codes, guideline, or other regulatory instrument issued by the **Commission** which applies to **us**.

<b>best endeavours</b>	means to act in good faith and use all reasonable efforts, skill and resources.
<b>billing cycle</b>	means the period covered by each bill for <b>post-payment meter accounts</b> or <b>prepay recharges</b> .
<b>business day</b>	means any day except a Saturday, Sunday, or public holiday (other than a part day public holiday).
<b>Centrepay</b>	means the free service for <b>customers</b> whereby bills may be paid as regular deductions from the <b>customer's</b> government welfare payments.
<b>Code</b>	means the Small-scale Electricity Networks Code, published by the <b>Commission</b> , as amended from time to time (or any other Code which replaces or supersedes this Code).
<b>Commission</b>	means the Essential Services Commission of South Australia, established by the <i>Essential Services Commission Act 2002</i> (SA).
<b>connection, sale and supply services</b>	means: <ul style="list-style-type: none"><li>(a) either or both of the following:<ul style="list-style-type: none"><li>(i) connecting <b>your supply address</b> to <b>our</b> distribution network; or</li><li>(ii) increasing the maximum capacity of any existing connection between <b>your supply address</b> and <b>our</b> distribution network; and</li></ul></li><li>(b) maintaining <b>our</b> network to ensure that electricity will flow through <b>our</b> network to <b>your supply address</b>; and</li><li>(c) selling electricity to <b>you</b> at <b>your supply address</b>.</li></ul>
<b>contract</b>	means these terms and conditions for sale or supply which <b>we</b> supply energy to the <b>supply address</b> .
<b>credit</b>	means a positive dollar and cent value on <b>your pre-payment meter</b> account balance at any given time.
<b>customer</b>	has the meaning given under Section 4 of the <b>Act</b> (as amended from time to time).
<b>electrical equipment</b>	means wiring systems, switchgear, control gear, accessories, appliances, luminaires and fittings used for such purposes as generation, conversion, storage, transmission, distribution or utilisation of electrical energy.
<b>embedded generation system</b>	means a system that generates electricity and is installed on your electrical installation (for example: solar photovoltaics (PV))
<b>emergency credit</b>	means an amount of \$10 credit that will be available when a <b>customer's pre-payment meter</b> account balance has \$5 or less remaining.
<b>explicit informed consent</b>	means the consent provided by a <b>customer</b> under the <b>Pre-payment Code</b> as amended from time to time (or any other Code which replaces or supersedes this Code)
<b>fees and charges schedule</b>	means <b>our</b> schedule of current <b>tariffs</b> and charges applying to <b>you</b> from time to time that is available on <b>our</b> website.
<b>financial hardship</b>	means a circumstance of experiencing a lack of financial means to pay a particular debt owed to <b>us</b> , which may be either ongoing or temporary, but does not include circumstances where a person chooses not to meet a liability for an unpaid debt or challenges a legal obligation to pay a particular debt.
<b>force majeure event</b>	means an event outside the reasonable control of the <b>parties</b> , the occurrence of which could not be reasonably foreseen by the <b>parties</b> , or if it could be foreseen, could not reasonably have been guarded against.
<b>friendly credit</b>	means credit that is automatically used when a <b>customer's pre-payment meter credit</b> is exhausted during the <b>protected period</b> .
<b>generation levy</b>	means a levy that applies to new connections and applications for increased capacity of supply. The <b>generation levy</b> is based on the connection capacity in kilo volt amps (kVA) as sought by the applicant.
<b>industry Ombudsman</b>	means the current <b>industry Ombudsman</b> responsible for dealing with disputes under the <b>Act</b> .
<b>licence</b>	means the <b>licence</b> issued to <b>us</b> by the <b>Commission</b> under the <b>Act</b> , authorising the operation of electricity retail, generation and distribution services. A copy of <b>our licence</b> may be viewed on the <b>Commission's</b> website at <a href="http://www.escosa.sa.gov.au">www.escosa.sa.gov.au</a> .
<b>licenced electrician</b>	means a current South Australian licensed electrical contractor under the <i>Plumbers, Gas Fitters and Electricians Act 1995</i> (SA), and/or another person legally entitled to perform the particular work under the <i>Plumbers, Gas Fitters and Electricians Act 1995</i> (SA)
<b>life support system</b>	means a <b>life support system</b> as defined in the <b>Code</b> and the <b>Pre-payment Code</b> as amended from time to time (or any other Code(s) which replaces or supersedes this Code).
<b>mains</b>	means the electrical conductors, owned and maintained by the <b>customer</b> , connecting the <b>point of supply</b> and the main switchboard and form part of the <b>customers'</b> installation.
<b>medical confirmation</b>	means the <b>medical confirmation</b> requirements as defined in the <b>Code</b> as amended from time to time (or any other Code which replaces or supersedes this Code).

<b>medical practitioner</b>	has the meaning given in the <b>Pre-payment Code</b> as amended from time to time (or any other Code which replaces or supersedes this Code).
<b>parties</b>	means both the <b>customer</b> and the <b>licensee</b> .
<b>point of supply (AS3000)</b>	means the junction of the consumers mains with conductors of an electricity distribution system.
<b>post-payment meter</b>	means an electricity metering system that requires payment for access to, and use of, electricity after it has been consumed.
<b>pre-payment meter</b>	means a device, componentry, software or other mechanism associated with a metering system at a <b>customer's connection point</b> which operates to permit the flow of electricity through the meter when activated by a card, code or some other method.
<b>prepay recharge</b>	means the dollar and cent value of credit added to <b>your</b> pre-payment account balance at the time of payment.
<b>Pre-payment Code</b>	means the Prepayment Meter System Code published by the <b>Commission</b> , as amended from time to time (or any other Code which replaces or supersedes this Code).
<b>protected period</b>	means the period where a <b>customer</b> cannot experience <b>self-disconnection</b> in accordance with Clause 48 of this <b>contract</b> .
<b>RAES network</b>	means the Remote Area Energy Supply electricity network
<b>RAES Service Rules</b>	The <b>RAES Service Rules</b> provide electricity customers, registered electrical workers and other people in the industry with the technical requirements for electrical installations connected to the RAES Network. A copy is available at <a href="http://www.raes.sa.gov.au">www.raes.sa.gov.au</a> .
<b>Regulations</b>	means the <i>Electricity (General) Regulations 2012</i> (SA), as amended by time to time.
<b>retailer</b>	means Cowell Electric Supply Pty Ltd, the contractor engaged by <b>the Principal</b> that sells electricity at <b>your supply address</b> .
<b>retail licence</b>	means the <b>licence</b> issued to the licensed retailer by the <b>Commission</b> under the <b>Act</b> , authorising the retailing of electricity, as amended from time to time. A copy of the <b>retail licence</b> may be viewed on the <b>Commission's</b> website at <a href="http://www.escosa.sa.gov.au">www.escosa.sa.gov.au</a> .
<b>self-disconnection</b>	means the interruption to supply because a <b>pre-payment meter</b> has no <b>credit</b> available and includes an interruption to supply because the <b>pre-payment meter</b> has no <b>emergency credit</b> available.
<b>service line</b>	means a line constructed or designed, or ordinarily used for the supply of electricity at low voltage; and through which electricity is, or is intended to be supplied by an electricity entity to a <b>customer</b> from the distribution network of the entity.
<b>smart meter</b>	means a meter that allows information to be sent and received through an electronic communications network, including the quality of energy supplied, how much electricity is being used and the cost of supply.
<b>supply address</b>	means the address at which we supply <b>you</b> with electricity under this <b>contract</b> .
<b>supply point</b>	(a) means a point on a domestic property at which <b>your</b> electrical installation is connected to <b>our</b> distribution network or (b) means each point on a commercial property at which <b>your</b> electrical installation is connected to <b>our</b> distribution network.
<b>tariff</b>	means a charge per unit of electricity consumed.
<b>the Principal</b>	means the Minister whose department has the responsibility for administering the Remote Area Energy Supply (RAES) Scheme (as amended from time to time).
<b>we, us or our</b>	means the <b>licensee</b>
<b>you or your</b>	means the <b>customer</b>
<b>your equipment</b>	means the equipment at the <b>customer's</b> premises for the distribution and use of electricity, which is not <b>our</b> equipment.

#### 4. Does this contract apply to you?

- 4.1 This document applies to **you** if **your supply address** is connected or becomes connected to **our** distribution network and, in either case, **you** have not expressly agreed to different terms and conditions with **us**.

#### 5. When does the contract start?

- 5.1 If **your supply address** is already connected to **our** distribution network, this **contract** will start on the day this document comes into force. This **contract** will take over **our** previous arrangement with **you** for **connection, sale and supply services** including and from the date that this document comes into force.
- 5.2 This document comes into force on the day specified by **us** in the notice of the standard terms and conditions published in the *South Australian Government Gazette* in accordance with Section 36 of the Act.
- 5.3 If **your supply address** is not connected to **our** distribution network, this **contract** will start on the earlier of either:
- the day on which **you** start using electricity at that **supply address**, and
  - the day on which **we** advise **you** that **we** have approved **your** application under Clause 7.

**6. When does this contact end?**

- 6.1 This **contract** will come to an end on the day:
- we** disconnect **your supply address** under Clause 27 and **you** are no longer entitled to be reconnected, or
  - we** issue **you** with a final account and **you** have paid that amount.

**7. Notices**

- 7.1 Unless this document or **our licence**, the **Code** for **post-payment meter customers** and the **Pre-payment Code** for **pre-payment meter customers**, says otherwise (for example, where phone calls are allowed), all notices must be sent in writing.
- 7.2 Unless otherwise specified in this **contract**, a reference to writing includes email.
- 7.3 If **we** are required under **our licence**, the **Code** or the **Pre-payment Code** to provide or issue any document, bill, or written notice to **you** and **you** have provided to **us** an electronic mail (email) address and consent for **us** to use that email address to send communications to **you**, **we** may send or issue that document, bill or notice to that email address for that purpose.
- 7.4 **We** will revert to alternative means of communication at **your** request, or where the email address provided by **you** indicates to **us** that the message has failed to deliver to **you** and resend any document, bill or written notice that has failed to deliver by email to your alternative means of communication.
- 7.5 **We** can also send **you** notices at **your supply address** or the most recent address that **we** have for **you**. If a notice is sent by priority post, **we** can assume that **you** have received the notice on the second **business day** after it was sent and if a notice is sent by regular/standard post **we** can assume that **you** have received the notice on the fourth **business day** after it was sent.

**8. What do you have to do to receive a connection?**

- 8.1 When **you** apply for **connection, sale and supply services** or any alteration/s or addition/s at **your supply address**, **we** will require **you** to satisfy some pre-conditions. **We** will explain any pre-conditions that may apply to **you** when **you** apply for connection, or any alteration/s or addition/s.
- 8.2 **Our** obligation to give **you connection, sale and supply services** for **your supply address** does not start until **you** satisfy **us** that **your supply address** and **your** connection to **our** distribution network comply with **our** requirements.
- 8.3 Application and connection fees may apply to **you** for the supply of electricity, **we** may charge **you** a **generation levy**. There may also be a fee payable to connect **your** premises to **our** equipment. The current fee(s), levy or connection fee applicable will be set out in **our fees and charges schedule**.

**9. Will you have to put in extra equipment?**

- 9.1 **We** may require **you** to arrange to have a **licensed electrician** install **electrical equipment** (such as meters, **service lines**, sealing devices, transformers or switch gear), at **your** own cost, to enable **your supply address** to be supplied with electricity safely and efficiently.
- 9.2 Any work undertaken to connect **your** premises to the **RAES network** and/or install **electrical equipment** to connect to the **RAES network**, may only be undertaken by a **licensed electrician**, with **our** prior approval and subject to any reasonable requirements or directions imposed by **us** or imposed by law. **All** electrical work undertaken on **your** property must comply with the **RAES Service Rules**.
- 9.3 **We** may impose these requirements when **you** apply to be connected to **our** distribution network or at any other time, whilst **you** are connected. For example, the requirements might be designed to:
- prevent or minimise adverse effects on the supply of electricity to other **customers**
  - balance the load over the phases of **your** electricity supply
  - help **us** locate and get to **your** metering equipment easily
  - ensure that proper protective equipment is installed and used, or
  - ensure that proper safety standards are observed.
- 9.4 **We** may also decide where and how overhead and underground cables are connected to **your supply address**, as well as how many **supply points** will be needed and where they will be situated.
- 9.5 In deciding whether to impose such requirements, **we** will take into account and comply with the requirements of **our licence**, the **Code** and the **Prepayment Code**.

**10. Quality and reliability of electricity supplied to your supply address**

- 10.1 **We** are required by the conditions of **our licence** to supply electricity to **you** under this **contract** at specified standards of quality and reliability.
- 10.2 **You** should be aware that the quality and reliability of electricity supplied at **your supply address** might be affected by fluctuations and interruptions from time to time for a number of reasons, including:
- the location of your **supply address**
  - whether **your supply address** is served by underground or overhead mains
  - the weather conditions
  - animals, vegetation, the actions of vandals and other people
  - the existence of emergency or dangerous conditions
  - damage to an electricity network
  - the design and technical limitations of **our** network
  - normal maintenance and operational switching by **us**, and
  - the demand for electricity at any point in time.

- 10.3 **You** should understand that unexpected fluctuations or interruptions in the electricity supply might cause damage to **your** equipment or cause it to malfunction. **We** recommend that **you** give careful consideration to taking out insurance or installing devices (at **your** own cost) to protect **your** equipment and property when these fluctuations or interruptions occur.

#### 11. Access to your supply address

- 11.1 **We** may enter and remain in **your** supply address to:
- (a) inspect electrical installations to ensure that it is safe to connect or reconnect electricity supply
  - (b) take action to prevent or minimise an electrical hazard
  - (c) investigate a suspected theft or diversion of electricity
  - (d) read or check the accuracy of the electricity meter
  - (e) examine electrical installations to determine load classifications
  - (f) install, repair, replace or remove electricity meters, control apparatus and other electrical installations
  - (g) disconnect electricity supply for safety or non-payment reasons, or
  - (h) for other purpose(s) as authorised under the **Act**.
- 11.2 Only **our** electricity officers who are appointed in accordance with Part 7 of the **Act** may enter into or remain on **your** supply address for the purposes set out in Clause 11.1.
- 11.3 **You** do not have to give access to someone who does not, when **you** ask:
- (a) identify themselves as one of **our** employees or agents, and
  - (b) identify themselves as **our** electricity officer appointed in accordance with Part 7 of the **Act**, and
  - (c) produce a proper identity card issued by **us**.
- 11.4 **We** must give **you** reasonable notice before coming onto **your** supply address unless:
- (a) it is an emergency, or
  - (b) an occupier of the **supply address** has agreed, or
  - (c) access is otherwise authorised under the **Act** or other legal powers.
- 11.5 Where **your** supply address contains a hazard, **you** must inform the authorised officers of the hazard as soon as reasonably practicable and provide our authorised officers with safe access to **your** supply address including providing any necessary protective clothing or equipment.

#### 12. Privacy and confidentiality

- 12.1 Subject to Clause 12.2 of this **contract** **we** must keep information about **you** confidential.
- 12.2 **We** may, however, disclose information about **you**:
- (a) if required or permitted by law to do so
  - (b) if **we** are required or permitted by **our** licence, the **Code** for post-payment metering system customers and the **Pre-payment Code** for pre-payment metering system customers, to do so, such as to a law enforcement agency or a regulatory agency, and/or
  - (c) where **you** give us written consent to disclose specific information for a particular purpose.
- 12.3 **We** are required to keep records of **our** customers as required by the **Code** and **Pre-payment Code**, and other legal requirements, as well as good business practice. **We** will keep records of the follow information:
- (a) **your** energy usage
  - (b) **your** payment history
  - (c) **your** contact details
  - (d) information about the standard terms and conditions made available to **you**
  - (e) information about and referral to State Government assistance programs made to **you**
  - (f) information on independent financial and other relevant counselling services recommended to **you**, and
  - (g) any general energy efficiency advice or referral to an energy efficiency advice service made to **you**.

#### 13. We can amend this contract

- 13.1 **We** can amend **our** contract with **you** at any time in accordance with Section 36 of the **Act**, provided the amendments satisfy the requirements of **our** licence, the **Code** for post-payment metering system customers and the **Pre-payment Code** for pre-payment metering system customers. Any amendment will take effect from the date referred to in the *South Australian Government Gazette*.

#### 14. Our liability

- 14.1 The *Competition and Consumer Act 2010* (Cth) and other laws imply certain conditions, warranties and rights into contracts that cannot be excluded or limited.
- 14.2 Unless one of these laws requires it, **we** give no condition, warranty or undertaking and **we** make no representation to **you** about the condition or suitability of electricity, its quality, fitness, or safety, other than those set out in this **contract**.
- 14.3 Any liability **we** have to **you** under these laws that cannot be excluded but that can be limited is (at **our** option) limited to:
- (a) providing equivalent goods or services provided under this **contract** to **your** supply address. or
  - (b) paying **you** the cost of replacing the goods or services provided under this **contract** to **your** supply address or acquiring equivalent goods or services.

**15. Force majeure**

- 15.1 If but for this clause, either party would breach these conditions of connection and supply **contract** due to the occurrence of a **force majeure event**:
- (a) The obligations of the party under this **contract**, other than an obligation to pay money, are suspended to the extent to which they are affected by the **force majeure event** for so long as the **force majeure event** continues, and
  - (b) The affected party must use its **best endeavours** to give the other party prompt notice of that fact including full particulars of the **force majeure event**, an estimate of its likely duration, the obligations affected by it and the extent of its effects on those obligations and the steps taken to remove, overcome or minimise those effects.
- 15.2 For the purposes of this clause, if the effects of a **force majeure event** are widespread **we** will be deemed to have given **you** prompt notice if **we** make the necessary information available by way of a 24-hour telephone service within 30 minutes of being advised of the **force majeure event** or otherwise as soon as reasonably practicable.
- 15.3 Either party relying on this clause by claiming a **force majeure event** must use its best endeavours to remove, overcome or minimize the effects of that force majeure event as quickly as reasonably practicable.
- 15.4 Nothing in this clause will require a distributor or a **customer** to settle an industrial dispute which constitutes a **force majeure event** in any manner other than the manner preferred by that distributor or a **customer**.

**16. Applicable law**

- 16.1 The laws of South Australia govern this **contract**.
- 16.2 The courts of the State of South Australia and Federal Courts sitting in South Australia have exclusive jurisdiction in connection with this **contract**.

**17. Queries, complaints and dispute resolution**

- 17.1 If **you** have a query or a complaint relating to the connection or supply of electricity **to your supply address**, or this **contract** generally, **you** may contact **us** as follows (as updated and notified to **you** from time to time):
- Email: [retail@cowellelectric.com.au](mailto:retail@cowellelectric.com.au)
  - Phone: 1800 805 020—Faults, Emergencies, Account Queries
  - Post: Cowell Electric Supply, PO Box 70, Cowell SA 5602
- 17.2 If **you** remain dissatisfied with **our** response, or are unable to reach a satisfactory solution after contacting **us**, **you** may refer the matter to the Energy and Water Ombudsman (SA) (EWOSA) for assistance. EWOSA is a free, independent service that investigates and resolves disputes between customers and electricity retailers when **you** are unable to solve an issue directly.
- The EWOSA contact details are (as updated from time to time):
- Website: [ewosa.com.au](http://ewosa.com.au)
  - Telephone: 1800 665 565
  - Post: GPO Box 2947, Adelaide SA 5001
- 17.3 If **you** have a query or a complaint relating to the RAES scheme more generally, **you** may contact **the Principal** as follows:
- Email: [DEM.RAES@sa.gov.au](mailto:DEM.RAES@sa.gov.au)
  - Phone: (08) 8226 5500
  - Post: Remote Area Energy Supply (RAES)  
Department for Energy and Mining  
GPO Box 618  
Adelaide SA 5001

*Tariffs and Charges***18. Price for services provided**

- 18.1 **Our** current **tariffs** and charges for the **connection, sale and supply services** and other services are set out in the **fees and charges schedule** that is available on the RAES website, [www.raes.sa.gov.au](http://www.raes.sa.gov.au).
- 18.2 **Our fees and charges schedule** explains the conditions that need to be satisfied for each particular **tariff**.
- 18.3 If, at the time this **contract** is published and comes into legal effect, **your supply address** is already connected to **our** distribution network, the **tariff** and other charges currently applying to **you** for **connection, sale and other services** at the **supply address** will continue to apply, until **we** inform **you** in accordance with Clause 7.
- 18.4 If **your supply address** is not already connected to **our** distribution network, or **you** have changed **your supply address** at any time, the **tariff** and other charges applying to **you** will be as set out in **our fees and charges schedule**.
- 18.5 In some cases, **you** will be able to select a **tariff** to apply to **you**. In those cases, if **you** do not choose a **tariff** at the time of applying for connection, **we** will assign one to **you** until **you** notify **us** differently.

**19. Switching tariffs**

- 19.1 **You** must tell **us** within 10 **business days** if **your** circumstances relating to **your tariff** or charge change.
- 19.2 If **you** think **you** satisfy all the conditions applying to another **tariff** or charge, **you** can ask **us** to review **your** current circumstances to see whether that **tariff** or charge can apply to **you**.

**20. Variation of tariffs or charges**

- 20.1 If **your tariff** rate or charge applying to **you** changes, **we** will advise **you** at least 20 **business days** in advance before the variation takes effect.
- (a) **We** will advise **you** by notice in writing to **your** email address or to **your** residential address if an email address has not been provided.

**21. Changes to the tariff rates and charges during a billing cycle**

- 21.1 If a **tariff** or charge applying to **you** changes during a **billing cycle**, **your** charges for that **billing cycle** will be calculated on a pro-rata basis using:
- the old tariff or charge up to and including the date of change, and
  - the new tariff or charge from that date to the end of the billing cycle.

**22. Goods and services tax (GST)**

- 22.1 The amounts specified in the **fees and charges schedule** in effect from time to time are (or will be) stated to be inclusive of GST. Apart from these amounts there may be other amounts paid by **you** or by **us** under this **contract** that are payments for “taxable supplies” as defined for GST purposes. To the extent permitted by law, these other payments will be increased so that the GST payable on the taxable supply is passed on to **you** as the recipient of that taxable supply.
- 22.2 Any adjustments for GST under this clause will be made in accordance with the requirements of the *Competition and Consumer Act 2010* (Cth) and any other applicable legislation.

**23. Consumption information**

- 23.1 On request, **we** will make available to **you** at no charge, such information relating to consumption at **your supply address** as is required by **our licence**, the **Code** and the **Pre-payment Code**.

**24. Payment difficulties and hardship**

- 24.1 If **you** have difficulties paying **your** bill or account, **you** should contact **us** as soon as possible. **We** will provide **you** with information about various payment options and, where applicable, payment assistance, including any provisions in the **Code** and in the **Pre-payment Code**, which address payment difficulties and financial hardship.

**25. Undercharging**

- 25.1 Where **you** have been undercharged **we** will inform **you** and **we** may recover from **you** any amount **you** have been undercharged in accordance with the requirements of the **Code** and the **Pre-payment Code** as amended from time to time.
- 25.2 **We** must offer **you** the opportunity to pay this amount in instalments over the same period of time during which **you** were undercharged.
- 25.3 If **we** have undercharged **you**, within 10 **business days** of becoming aware of the undercharged amount, **we** will contact **you**, advise **you** of the undercharged amount, and indicate whether or not **we** propose to recover the undercharged amount from **you**.
- 25.4 If **we** decide to recover the undercharged amount from **you**, **we** will:
- Limit the amount to be recovered to the amount undercharged in the 9 months prior to informing **you** of the undercharging (or such other period as allowed under the **Code** as amended from time to time),
  - provide details and explanation of the amount to be recovered, and
  - not charge **you** any interest or penalty on the amount being recovered.

**26. Meter review**

- 26.1 If **you** request that the meter reading or metering data be checked, or that the meter be tested, then **we** will arrange for this to occur within a reasonable timeframe. Unless the meter is found to be faulty, **you** will be liable for any reasonable costs incurred by **us** in checking or testing the meter. **We** may request that you pay the amount in advance.

*Disconnection and Reconnection***27. Disconnection of supply**

- 27.1 Subject to the requirements of **our licence**, the **Code** and the **Pre-payment Code**, **we** can arrange for the disconnection of **your supply address** if:
- you** do not pay **your** bill by the last day for payment and, in the case of residential customers, **you** refuse to agree to an instalment plan or payment option offered by **us**
  - you** fail to comply with the terms of an agreed instalment plan or payment option
  - you** use electricity illegally or breach Clause 31.1(a), or
  - we** are entitled or required to do so under the conditions of **our licence** or by law (such as in the case of an emergency and/or for health and safety reasons).
- 27.2 **You** may request **us** to disconnect **your supply address**, provided **you** have given **us** prior notice of at least three **business days**. This request must be made in writing, in person at **our** offices, or by telephone.
- 27.3 **We** must comply with the conditions of **our licence**, the **Code** and the **Pre-payment Code**, (such as giving **you** the required notices and warnings) before arranging for the disconnection of **your supply address**.

**28. Reconnection after disconnection**

- 28.1 **We** will reconnect a disconnected **supply address** provided all connection charges are paid prior to 2:30pm on a **business day** or if due to circumstances beyond **our** reasonable control, as soon as possible on the next **business day**. **We** may choose to refuse to reconnect **you**, if **we** are allowed to do so under **our licence** and any requirements under the **Code** or the **Pre-payment Code** (such as where the circumstance leading to the disconnection has not been fixed).
- 28.2 **We** will arrange a suitable time with **you** for the reconnection of **your supply address**.
- If **you** make a request to be reconnected before 4:00pm on a **business day**, **we** will use **our best endeavours** to arrange for the reconnection of **your supply address** on the day of the request, and in any event, by the next **business day**.
  - If **you** make a request to be reconnected after 4:00pm but before 9:00pm on a **business day**, **we** may charge an after-hours connection fee, and will endeavour to arrange for the reconnection of **your supply address** on the day of the request. If an after-hours reconnection is not possible, **we** will arrange for reconnection of **your supply address** by the end of the next **business day** and the after-hours connection fee will not apply.
  - If **you** make a request to be reconnected after 9:00pm on a **business day**, **we** will arrange for the reconnection of **your supply address** by the end of the next **business day**.



- 28.3 Where a **supply address** has been disconnected for a period of twelve (12) calendar months or longer from the date of disconnection, **we** will require **you** to obtain (and keep) at **your cost** an Electrical Certificate of Compliance (ECC), issued by a current South Australian licensed electrical contractor, and verifying that the electrical installation complies with the requirements of the **Act** for that **supply address** before any reconnection will occur.

## 29. Interruptions to supply

- 29.1 **We** may interrupt or limit the electricity supply to **your supply address** at any time for any of the following purposes:

- (a) inspecting, testing, repairing, adjusting or removing **our** equipment
- (b) inspecting, testing, repairing or adjusting **your** equipment
- (c) inspecting, testing, repairing or adjusting **our** electricity distribution network
- (d) maintaining the safe and efficient operation of **our** electricity distribution network
- (e) complying with the directions of the system controller, or
- (f) to deal with an emergency.

- 29.2 **We** must give **you** reasonable notice before interrupting or limiting the electricity supply to **your supply address** unless:

- (a) the interruption is for less than 15 minutes
- (b) it is an emergency, or
- (c) the occupier of the **supply address** has agreed.

## 30. Illegal or improper use

- 30.1 If **you** have breached Clause 32 of this **contract**, **we** may, in accordance with **our licence**, the **Code** and the **Pre-payment Code**:

- (a) reasonably estimate the amount of electricity so obtained and bill **you** for that amount, and
- (b) recover that amount from **you**, as well as reasonable costs and interest incurred by **us**, and
- (c) disconnect **your supply address** immediately.

### *Your Obligations*

## 31. What you are responsible for

- 31.1 **You** are responsible for:

- (a) maintaining the electrical installation at **your supply address** in a safe condition
- (b) ensuring that any changes or work undertaken on the electrical installation at **your supply address** are only performed by an **licensed electrician** lawfully permitted to do the work and that **you** obtain and keep an Electrical Certificate of Compliance issued in respect of any of the changes
- (c) the protection of **our electrical equipment** located at **your supply address**
- (d) ensuring that any structures and vehicles are kept clear of **our electrical equipment**
- (e) ensuring an Application for an Alteration form is forwarded to **us** by **you** or **your** electrician within **10 business days**, when **you** change **your** electricity supply requirements by installing additional electrical appliances or equipment of capacity 2.5kW or greater
- (f) seeking **our** approval prior to installing any additional appliances or equipment of capacity 5kW or greater, so that **we** can assess the ability of **our** network and **your** connection to the network to meet **your** additional requirements and advise **you** if any additional work is required and the associated costs (if any)
- (g) new installations with a maximum demand in excess of 100kW may require an embedded generation system to be incorporated for the purposes of network maximum demand control configured for automatic connection to the total site electrical load on remote command from the power station. Final system design must be submitted to and approved by **us** and the **Principal** prior to agreement to provide supply
- (h) if **you** have, or intend to have, electricity generating equipment at the **supply address**, this equipment must comply with the **Principal's** Distributed Generation Policy. In particular, no feed in is permitted and no feed in **tariff** is offered, unless explicitly authorised by the **Principal**. This authorisation will provide limits on the amount of exports and the terms applicable
- (i) providing sufficient information to **us**, on request and within a reasonable period of time, so that **we** can calculate the electricity used by any unmetered loads that **you** have
- (j) where information on **your** unmetered load has been provided to **us**, advising **us** as soon as reasonably practicable, whenever there is a change to this unmetered load, and
- (k) ensuring safe and convenient access for **our** electricity officers to **your supply address** for the purposes expressed in Clause 11 and responding promptly to any request made by **us** regarding such access.

## 32. What you must not do

- 32.1 **You** must not:

- (a) allow electricity supplied by **us** to be used other than at the **supply address** and in accordance with this **contract**
- (b) use at the **supply address** electricity supplied for use at another **supply address**
- (c) sell electricity to any other person except in accordance with a licence issued by the **Commission** or with an exemption granted under the **Act**
- (d) tamper with, or permit tampering with, the meter or associated **electrical equipment**
- (e) allow electricity supplied to the **supply address** to bypass the meter.
- (f) damage or interfere in any way with **our electrical equipment**
- (g) make a connection to **our** distribution network or increase the capacity of an existing **supply point**
- (h) allow a person who is not a **licensed electrician** lawfully permitted to do the work, to perform any work on the electrical installation

- (i) use, or cause to be used, electricity in a manner that:
  - (i) interferes with **our** distribution network
  - (ii) interferes with the supply or quality of supply, to other **customers**, or
  - (iii) causes damage or interference to any third party
- (j) give **us** false, incomplete or incorrect information about which **tariff** and charges should apply to **you**
- (k) use electricity supplied under a specific **tariff** for a purpose other than as contemplated by that **tariff**
- (l) install appliances or equipment of capacity 5kW or greater without receiving **our** prior approval, to allow us to determine if additional works are required and the associated costs (if any)
- (m) otherwise use electricity or tamper with **your** electrical installation in a way contemplated as improper or in an illegal manner, or
- (n) Install an **embedded generation system** without prior authorisation from **the Principal**.

### 33. Vacating a supply address

- 33.1 You must give **us** as **your** retailer at least 24 hours' notice, either written or by phone, of **your** intention to vacate **your supply address**, together with a forwarding address for **your** final bill.
- 33.2 When **we** receive the notice, **we** must arrange for **your** meter to be read on the date specified in **your** notice, or if the date specified in **your** notice cannot reasonably be met by **us**, then the **parties** must negotiate reasonably to agree an alternative date for **your** meter to be read by **us** and for a final bill to be sent to **you** at the forwarding address stated in **your** notice.
- 33.3 If you do not give **us** the required notice, or if **you** do not give **us** access to **your** meter on the date specified in **your** notice or an alternative date agreed to by **you** and **us**, **you** will be responsible for all electricity used at the **supply address** until **we** become aware that **you** have vacated **your supply address** and **we** arrange, within a reasonable timeframe, for **your** meter to be read.

### 34. Information we need

- 34.1 **You** must provide **us** with all information **we** reasonably require for the purposes of this **contract**. All information **you** provide must be correct. **You** must tell **us** within a reasonable period of time, if information **you** have provided to **us** changes (for example, if **your** address changes, or the purpose for which **you** are buying electricity changes).
- 34.2 If the **customer**, a **medical practitioner**, a close relative or carer of the **customer**, a person who has a power of attorney or legal guardianship of the **customer**, or an authorised third party acting on behalf of the **customer**, notifies us that a person residing at the supply address requires a **life support system**, then **we** must make immediate arrangements to:
- (a) if required, revert the **customer** from the **pre-payment meter** arrangement to a **post-payment meter** arrangement at no cost to the **customer**
  - (b) register the **supply address** as a **life support system** address and the date from which a **life support system** is required on a life support register developed and maintained by the **licensee**
  - (c) give the **customer** a faults and emergencies telephone contact number, and
  - (d) not arrange for the disconnection of that supply address while a person continues to reside at that address and requires the use of a **life support system**
  - (e) pending receipt of appropriate **medical confirmation** and the determination of the application.
- (f) A **customer** who has been identified to us as requiring a **life support system** must be provided with at least 50 **business days** to provide us with the necessary **medical confirmation**. If the **customer** requests an extension to this time, **we** must give the **customer** at least an additional 25 **business days** to provide the **medical confirmation**.

#### PART B: TERMS AND CONDITIONS EXCLUSIVE TO POST-PAYMENT CUSTOMERS

Clauses 35 to 43 (inclusive) apply only to **post-payment meter customers** and do not affect the rights, obligations and liabilities of **pre-payment meter customers**.

### 35. Billing

- 35.1 **We** will send **you** a bill as soon as reasonably practicable after the end of each **billing cycle**.
- 35.2 The bill will be in a form and contain such information as is required by **our licence** and any applicable requirements of the **Code**, as amended from time to time.
- 35.3 **We** must send a bill:
- (a) to **you** at the email address or the physical address currently nominated by **you**, or
  - (b) to a person authorised in writing by **you** to act on **your** behalf at the email address or the physical address currently specified by **you**.
- 35.4 If **we** fail to issue a bill following the end of a **billing cycle**, **we** will offer **you** the option of paying for any electricity used during the relevant **billing cycle** under an instalment plan. The maximum period of that instalment plan will be the greater of the period during which **we** did not bill **you** or twelve months.

### 36. Calculating the bill

- 36.1 The amounts **you** owe under this **contract** will be calculated based on:
- (a) the application of the prices set out in **our fees and charges schedule**, and
  - (b) information from reading **your** meter or from using an approved estimating system, and
  - (c) the amount for any other services supplied under this **contract**.

### 37. Estimating the electricity usage

- 37.1 If **you** are **post-payment customer** and **your** meter is unable to be read for any reason (for example, access to the meter cannot reasonably be gained, or the meter breaks down or is faulty), **we** can estimate how much electricity was supplied to **your supply address** by using other information (such as **your** previous bills or **your** electricity usage history).

- 37.2 If **you** meter is subsequently able to be read, the bill will be adjusted for the difference between **our** estimate and the actual amount of electricity used, based on the reading of the meter.
- 37.3 If **you** meter was unable to be read due to **your** actions or inaction, **we** may impose the charge in the **fees and charges schedule** for arranging for **your** meter to be read at a subsequent time.

### 38. Paying your bill

- 38.1 The amount **you** must pay, the due date and the method(s) of payment for the services **we** provide under this **contract** will be set out in the bill sent to **you**.
- 38.2 **You** can pay the bill using any of the payment methods listed on the bill. If a payment **you** make is dishonoured (e.g. where a cheque or credit card payment is not honoured), and **we** incur a fee as a result, **you** must reimburse **us** the amount of that fee.

### 39. Late payments

- 39.1 If **you** are a **post-payment customer** and **you** do not pay **your** account on time, **you** may be required to pay **our** reasonable costs of recovering that amount from **you**. **You** may also be required to pay interest on the outstanding amounts at a rate approved by the **Commission** from time to time for a specific group of **customers**, as outlined in the **Code**.

### 40. Undercharging

- 40.1 Further to Clause 25.4, if **we** decide to recover the undercharged amount from **you**, **we** will:
- (a) Offer **you** time to pay the undercharged amount by agreed instalments. The period of time taken to recover any undercharged will not be longer than the period during which the undercharging occurred. For example, if the undercharging has occurred over 9 months, the period of time taken to recover any undercharged amount will be limited to 9 months.
- 40.2 If **we** have undercharged **you**, or not charged **you** at all, for electricity used as a result of **your** fraud, illegal consumption, or illegal connection of electricity, **we** will estimate the consumption for which **you** have not paid and will issue a bill for the unpaid amount.

### 41. Overcharging

- 41.1 Where **you** have been overcharged, **we** will inform **you** and follow the required procedures for repaying the money as outlined in the **Code**.
- 41.2 If the amount cannot be credited to **your** next bill (for example, if **you** will not have another bill from **us**), **we** must repay the amount as directed by **you**, within 10 **business days**.

### 42. Reviewing your bill

- 42.1 If **you** disagree with the amount **you** have been charged, **you** can ask **us** to review **your** bill or account. The review will be undertaken in accordance with the requirements of **our licence** and the **Code**.
- 42.2 If **your** bill or account is being reviewed, **you** are still required to pay the greater of:
- (a) the portion of the bill which **you** do not dispute; or
- (b) an amount equal to the average of **your** bills or account charges in the last twelve months (excluding the bill(s) in dispute).
- 42.3 **You** must also pay any future bills, accounts or prepay recharges.
- 42.4 **We** will inform **you** of the outcome of **your** bill review as soon as reasonably possible, but in any event, within 20 **business days**.
- 42.5 If, after conducting a review, the bill is found to be correct, **you** will be required to pay the outstanding amount of the bill.
- 42.6 If the bill is found to be incorrect, the bill will be adjusted in accordance with Clause 40 or Clause 41, as the case may require.

### 43. Security deposits

- 43.1 If **you** have paid a security deposit, **we** must pay **you** interest on the deposit at a rate and on terms required by **our licence** and the **Code**.
- 43.2 **We** may use **your** security deposit, and any interest earned on the security deposit, to offset any amount **you** owe under this **contract**:
- (a) if **you** fail to pay a bill and, as a result, **we** arrange for the disconnection of **your supply address**, or
- (b) in relation to a final bill (i.e., the bill **we** issue when **you** stop buying electricity from **us** at **your supply address**).
- 43.3 If **you** are purchasing electricity for business or commercial use, **we** may request that **you** increase the amount of **your** security deposit in accordance with **our licence** and the **Code**.

#### PART C: TERMS AND CONDITIONS EXCLUSIVE TO PRE-PAYMENT CUSTOMERS

Clauses 44 to 57 (inclusive) apply only to **pre-payment meter customers** and do not affect the rights, obligations and liabilities of **post-payment meter customers**.

### 44. Eligibility for pre-payment metering

- 44.1 The **supply address** must be fitted with a smart meter by **us** specifically designed to accommodate prepaid arrangements.
- 44.2 **You** may only enter into a **pre-payment meter** arrangement if **explicit informed consent** is provided by **you** to **us**. **Explicit informed consent** can only be provided after timely, accurate, verifiable, and truthful information regarding the pre-payment terms and conditions are provided to **you**.
- (a) This consent can be in the form of a telephone conversation, written correspondence, or electronic communications signed by **you**.
- (b) **We** will not pressure **you** to enter into a **pre-payment meter** arrangement with **us** and all information provided will be in plain language appropriate to **you**.
- 44.3 **We** will not enter into a **pre-payment meter** arrangement if you require a **life support system** or a person who is a registered user of a **life support system** resides at **your supply address**.
- (a) If **you** are on a **pre-payment meter** arrangement, **you**, a **medical practitioner**, or an authorised party acting on **your** behalf must inform **us** as soon as reasonably practicable if **your supply address** maintains a **life support system**.

**45. Credit retrieval**

- 45.1 If **you** decide that **you** no longer want to be on **our** pre-payment system, **your pre-payment meter** arrangements are terminated, or **your pre-payment meter** arrangements otherwise end, **you** are entitled to retrieve any unused credit on **your** account.
- 45.2 On **your** last day under **your pre-payment meter** arrangements, **we** will verify the amount of electricity used, and how much credit **you** have remaining.
- (a) if **you** are reverting to **our** standard **post-payment meter** arrangement, **we** will based on your instructions, either transfer the remaining credit from **your pre-payment meter account** to **your new post-payment meter account**, or alternatively transfer any remaining credit back to **you** through an Electronic Funds Transfer, within three **business days**. If **you** wish for any credit to be returned to **you** through an electronic funds transfer, then **you** must provide **us** with **your** banking and account details and photo identification at this time. Where **you** do not have a bank account, **we** will arrange for any credit to be returned to **you** via an agreed method and within a reasonable timeframe.
- (b) Otherwise, **we** will transfer any remaining credit back to **you** through an Electronic Funds Transfer, within three **business days**. Please provide **us** with **your** banking and account details and photo identification at this time. Please be aware that the transfer may take time for **your** bank to process, which will vary depending on **your** bank. Where **you** do not have a bank account, **we** will arrange for any credit to be returned to **you** via an agreed method and within a reasonable timeframe.

**46. Disclosure statement**

- 46.1 **We** will provide **you** with a written disclosure statement at the time **your explicit informed consent** is obtained which will include:
- (a) the date of commencement of the pre-payment arrangements
- (b) current fees, charges, and **tariffs** that are applicable
- (c) costs associated with entering a pre-payment arrangement
- (d) the method by which **you** will receive any State Government energy concession **you** are entitled to
- (e) methods of payment and the locations of payment centres or recharge facilities (including, any fees or charges associated with particular payment methods)
- (f) the amount of **emergency credit** provided to **you**
- (g) connection and installation costs
- (h) termination and/or reversion charges
- (i) dispute resolution options
- (j) any right to rescind these pre-payment standard terms and conditions, and
- (k) **our** contact details for enquiries, complaints, and emergency service.
- 46.2 If **you** require the written disclosure statement in a language other than English or in a different format suitable for **your** needs, **we** will use **our** best efforts to make a copy available in **your** preferred language or format.

**47. Emergency credit**

- 47.1 **We** will provide **you** with \$10 of **emergency credit**. The **emergency credit** can only be used if **you** run out of credit on **your** account and need to recharge. **Emergency credit** will be offered on the smart meter and **you** do not need to contact **us** to use **emergency credit**.
- 47.2 If **you** are using **emergency credit**, **you** will need to purchase more electricity as soon as reasonably practicable. If **you** do not purchase more electricity and **you** run out of **emergency credit**, **your** electricity may be **self-disconnected**.
- 47.3 If **you** use **emergency credit** and need to repay **us**, **you** can choose to have a portion of **your** future electricity purchases dedicated to repaying the **emergency credit** used. **You** may pay up to 30% of a future **pre-pay recharge** payment, or payments, toward the **emergency credit** repayment.
- 47.4 **You** can also choose to pay the entire **emergency credit** debt amount in a single payment.

**48. Protected period and friendly credit**

- 48.1 Outside the hours of 10:00am and 3:00pm on weekdays (except public holidays) is a **protected period** and **your pre-payment meter** will not **self-disconnect you** if **you** run out of **credit** and/or **emergency credit**, during the **protected period**.
- 48.2 During the **protected period**, if **you** run out of **credit** and/or **emergency credit**, **your** electricity will remain connected and will operate on **friendly credit**. Any **friendly credit** provided to **you** will need to be repaid.
- 48.3 **Friendly credit** will be automatically activated if **your credit** and/or **emergency credit** runs out during the **protected period**. There is no need for **you** to contact **us** to activate the use of **friendly credit**.
- 48.4 If **you** use **friendly credit** and need to repay **us**, **you** can choose to have a portion of **your** future electricity purchases dedicated to repaying the **friendly credit** used. **You** may pay up to 30% of a future **pre-pay recharge** payment, or payments, toward the **friendly credit** repayment.

**You** can also choose to pay the entire **friendly credit** debt amount in a single payment.

**49. System testing**

- 49.1 **You** may request that **we** test and check **your** pre-payment meter if **you** believe it is not accurate. Upon receiving your request, **we** will make immediate arrangements to do one or more of the following as **we** determine is appropriate in the relevant circumstances:
- (a) check the metering data
- (b) check/test the pre-payment meter system, and/or
- (c) check/test the meter installation at **your** connection point.

- 49.2 **We** may charge a fee for the reasonable costs of testing of the meter. **We** will advise **you** what fees **you** will need to pay, and **you** will be required to pay the fees for testing the meter in advance.
- 49.3 If we find that **your** meter is inaccurate or not operating correctly, **we** will:
- correct any overcharging or undercharging
  - refund the testing fee paid in advance
  - make immediate arrangements to replace or repair the pre-payment meter, and
  - advise **you** of the existence of **our** dispute resolution processes available.

#### 50. Reversion and transfer

- 50.1 At any time, **you** may request the cancellation of **your pre-payment meter** arrangement and be reverted to a standard **post-payment meter** arrangement.
- 50.2 Upon receiving this request, **we** will make immediate arrangements to either remove the **pre-payment meter** and install a standard **post-payment meter** or revert the **pre-payment meter** to its standard operating mode so that the meter operates as a standard **post-payment meter**. **You** will not be required to pay to remove the **pre-payment meter**, install a standard **post-payment meter** or revert the **pre-payment meter** to a standard **post-payment meter**.

#### 51. Customer Account

- 51.1 **We** will establish a **pre-payment meter customer** account for **you**, which will be utilised for the charging of supply charges and electricity consumption.
- 51.2 **We** will provide **you** with the following information regarding **your pre-payment meter**:
- instructions on how to operate the **pre-payment meter**
  - instructions on how the **emergency credit** facility operates
  - instructions on how the **friendly credit** facility operates
  - instructions on how to obtain a refund of remaining credit when **your customer contract** is terminated, and
  - instructions on how and where payments to **your pre-payment meter account** can be made.

#### 52. Maintaining your energy supply

- 52.1 The method of payment for the services **we** provide under this **contract** will be set out in the **pre-payment meter** instructions provided to **you** (and available on **our** website).
- 52.2 **We** will ensure that facilities are available to **you** to make the required payments. At a minimum, **we** will ensure at least one of the following methods can be utilised:
- you** can make cash top up purchases at two locations which are readily accessible, one of which being open between 9:00am and 5:00pm every day (including Saturdays, Sundays, and public holidays, except for Christmas day)
  - by a 24-hour phone service that operates every day (including Saturdays, Sundays, and public holidays, except for Christmas day) for top up purchases using credit card, debit card, or electronic funds transfer.
    - we** may accept any other telephone payment method, provided that it is agreed upon by both **you** and **us**.
  - a 24 hour electronic or other payment method which operates everyday (including Saturdays, Sundays, and public holidays, except for Christmas day).
- 52.3 The minimum amount **you** can pay to top up **your** account by cash is \$10.00, or \$5.00 via electronic or telephone payment methods.

#### 53. Financial hardship

- 53.1 **We** are required to identify situations where **you** may be experiencing difficulties in paying **your** bill or **prepay recharge**. This may be if **you**:
- disconnect three times within three months for longer than 240 minutes on each occasion, or
- 53.2 **you** inform **us** by telephone or in writing that **you** are experiencing payment difficulties. In such cases, **we** may offer **you** the opportunity to pay **your** bill or **prepay recharge** under an instalment plan and provide **you** with information about various payments options and, where applicable, payment assistance.
- 53.3 **Our** obligations for **customers** experiencing financial hardship can be found in the **Pre-payment Code**.

#### 54. Undercharging

- 54.1 Further to Clause 25 if **we** decide to recover the undercharged amount from **you**, **we** will:
- Offer **you** time to pay the undercharged amount, either by agreed instalments or by an agreed adjustment to the charges in the **pre-payment meter**. The period of time taken to recover any undercharged amount will not be longer than the period during which the undercharging occurred. For example, if the undercharging has occurred over 9 months, the period of time taken to recover any undercharged amount will be limited to 9 months.
- 54.2 If **we** have undercharged **you**, or not charged **you** at all, for electricity used as a result of **your** fraud, illegal consumption, or illegal connection of electricity, **we** will reasonably estimate the consumption for which **you** have not paid and either (at **our** discretion):
- bill **you** for all of the unpaid amounts, or
  - make a reasonable agreement with **you** to adjust the charges in **your pre-payment meter** to recover the unpaid amount.

**55. Overcharging**

- 55.1 If **you** have been overcharged by **us**, within 10 **business days** of being informed of the overcharge, **we** will ask **you** for instructions regarding whether any overcharged amount should be repaid to **you** or added to the balance of **your pre-payment meter** account.
- 55.2 **You** need to provide **us** with instructions for the overcharged amount within 20 **business days**. If, after 20 **business days**, **you** do not provide **us** with any instructions, **we** must add the overcharged amount to the balance of **your pre-payment meter** account.

**56. Reconnection after self-disconnection**

- 56.1 Further to Clause 28, if **you** are **self-disconnected** due to running out of **credit** (including, but not limited to running out of any **friendly credit** or **emergency credit**), **your pre-payment meter** will recommence supply as soon as information is communicated to the **pre-payment meter** that a payment to **your** account has been made which brings **your** balance into **credit**.

**57. Privacy and confidentiality**

- 57.1 In addition to the information stated in Clause 12, **we** also collect and retain the following information specifically for **pre-payment metering customers**:
- the explicit informed consent provided when **you** enter into a **pre-payment meter** arrangement,
  - information about **self-disconnections** due to running out of **emergency credit**, and
  - information about offers made to **you** to revert the **pre-payment meter** to a standard **post-payment meter** operating mode.

## ENERGY RESOURCES ACT 2000

*Issue of Gas Storage Exploration Licences—GSELS 794, 795, 796, 797, 798, 799, 800 and 801*

Notice is hereby given that the undermentioned Gas Storage Exploration Licences have been issued under the provisions of the *Energy Resources Act 2000*, pursuant to delegated powers dated 19 August 2024.

No of Licence	Licensees	Locality	Area in km <sup>2</sup>	Reference
GSEL 794	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,448	MER-2024/0089
GSEL 795	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,305	MER-2024/0090
GSEL 796	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,435	MER-2024/0091
GSEL 797	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,357	MER-2024/0092
GSEL 798	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,460	MER-2024/0093
GSEL 799	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,119	MER-2024/0094
GSEL 800	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,300	MER-2024/0095
GSEL 801	CCS Arckaringa Pty Ltd	Arckaringa Basin	2,013	MER-2024/0096

*Descriptions of Area**GSEL 794*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°00'00"S GDA1994 and longitude 134°52'00"E GDA1994, thence east to longitude 135°28'00"E GDA2020, south to latitude 28°22'30"S GDA1994, west to longitude 134°52'00"E GDA1994, and north to the point of commencement.

AREA: **2,448** square kilometres approximately.

*GSEL 795*

All that part of the State of South Australia, bounded as follows:

## AREA A

Commencing at a point being the intersection of latitude 27°45'00"S GDA1994 and longitude 135°15'00"E GDA1994, thence east to longitude 135°45'00"E GDA1994, south to latitude 28°00'0"S GDA1994, west to longitude 135°15'00"E GDA1994, and north to the point of commencement.

## AREA B

Commencing at a point being the intersection of latitude 28°10'00"S AGD66 and longitude 133°31'00"E AGD66, thence east to longitude 133°55'00"E GDA1994, south to latitude 28°22'30"S GDA1994, west to longitude 133°31'00"E AGD66, and north to the point of commencement.

AREA: **2,305** square kilometres approximately.

*GSEL 796*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°00'00"S GDA1994 and longitude 135°28'00"E GDA2020, thence east to longitude 135°52'30"E GDA1994, south to latitude 28°32'54"S GDA2020, west to longitude 135°28'00"E GDA2020, and north to the point of commencement.

AREA: **2,435** square kilometres approximately.

*GSEL 797*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°22'30"S GDA1994 and longitude 135°01'54"E GDA1994, thence east to longitude 135°28'00"E GDA2020, south to latitude 28°52'32"S GDA1994, west to longitude 135°01'54"E GDA1994, and north to the point of commencement.

AREA: **2,357** square kilometres approximately.

*GSEL 798*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°22'30"S GDA1994 and longitude 135°52'30"E GDA1994, thence east to longitude 136°00'00"E GDA1994, south to latitude 28°45'00"S GDA1994, east to longitude 136°15'00"E GDA1994, south to latitude 28°52'30"S GDA1994, west to longitude 135°28'00"E GDA2020, north to latitude 28°32'54"S GDA2020, east to longitude 135°52'30"E GDA1994, and north to the point of commencement.

AREA: **2,460** square kilometres approximately.

*GSEL 799*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 29°23'50"S GDA2020 and longitude 135°40'08"E GDA1994, thence east to longitude 136°33'40"E GDA1994, south to latitude 29°37'30"S GDA1994, west to longitude 135°44'45"E GDA1994, north to latitude 29°32'50"S GDA1994, west to longitude 135°40'08"E GDA1994, and north to the point of commencement.

AREA: **2,119** square kilometres approximately.

*GSEL 800*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 29°08'35"S GDA1994 and longitude 135°44'48"E GDA1994, thence east to longitude 136°22'55"E GDA1994, north to latitude 29°08'13"S GDA1994, east to longitude 136°29'26"E GDA1994, south to latitude 29°12'22"S GDA1994, east to longitude 136°33'40"E GDA1994, south to latitude 29°23'50"S GDA2020, west to longitude 135°40'08"E GDA1994, north to latitude 29°16'06"S GDA1994, east to longitude 136°44'48"E GDA1994, and north to the point of commencement.

AREA: **2,300** square kilometres approximately.

*GSEL 801*

All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°52'30"S GDA1994 and longitude 135°40'21"E GDA1994, thence east to longitude 136°08'17"E GDA1994, south to latitude 28°55'42"S GDA1994, east to longitude 136°10'45"E GDA1994, south to latitude 28°57'59"S GDA1994, east to longitude 136°12'29"E GDA1994, south to latitude 29°00'34"S GDA1994, east to longitude 136°15'07"E GDA1994, south to latitude 29°02'42"S GDA1994, east to longitude 136°17'46"E GDA1994, south to latitude 29°05'37"S GDA1994, east to longitude 136°22'55"E GDA1994, south to latitude 29°08'35"S GDA1994, west to longitude 135°29'52"E GDA1994, north to latitude 28°57'17"S GDA1994, east to longitude 135°40'21"E GDA1994, and north to the point of commencement.

AREA: **2,013** square kilometres approximately.

Dated: 26 November 2024

BENJAMIN ZAMMIT  
Executive Director  
Regulation and Compliance Division  
Department for Energy and Mining  
Delegate of the Minister for Energy and Mining

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FISHERIES MANAGEMENT (PRAWN FISHERIES) REGULATIONS 2017

*Variation on Prohibition of Fishing Activities in the Spencer Gulf Prawn Fishery*

Take note that pursuant to Regulation 10 of the *Fisheries Management (Prawn Fisheries) Regulations 2017*, the notice dated 19 September 2024 published on page 3811 of the *South Australian Government Gazette* on 26 September 2024 prohibiting fishing activities in the Spencer Gulf Prawn Fishery, is hereby varied such that it will not be unlawful for a person fishing pursuant to a Spencer Gulf Prawn Fishery licence to use prawn trawl nets in the areas specified in Schedule 1, during the period specified in Schedule 2, and under the conditions specified in Schedule 3.

SCHEDULE 1

The waters of the Spencer Gulf Prawn Fishery:

(a) Except the Northern closure area, which is defined as the area north of the following index points:

1. 33°12.50S 137°50.00E
2. 33°12.50S 137°39.90E
3. 33°17.00S 137°34.97E
4. 33°23.40S 137°32.20E
5. 33°23.40S 137°30.20E
6. 33°29.90S 137°30.00E
7. 33°29.90S 137°17.80E

(b) Except the Wallaroo closure area, as defined by the area within the following index points:

1. 33°22.20S 137°47.60E
2. 33°27.20S 137°42.70E
3. 33°27.20S 137°35.80E
4. 33°37.00S 137°33.00E
5. 33°46.00S 137°44.00E

- (c) Except for the Southern closure area, which is defined as the waters contained within the following index points:
1. 33°41.00S 137°06.00E
  2. 33°55.00S 137°16.00E
  3. 34°14.00S 137°01.00E
  4. 34°14.00S 136°56.00E
  5. 34°25.00S 136°50.00E
  6. 34°31.22S 136°50.00E
  7. 34°31.22S 136°43.00E
  8. 34°33.00S 136°41.50E
  9. 34°33.00S 136°40.00E
  10. 34°07.50S 136°45.50E
  11. 34°02.50S 136°52.50E
  12. 33°57.60S 137°01.00E
  13. 33°52.70S 136°56.30E
  14. 33°51.30S 136°59.00E
  15. 33°46.20S 136°55.25E
- (d) Except the Arno closure area, which is defined as the waters contained within the following index points:
1. 33°57.00S 136°44.80E
  2. 34°01.10S 136°41.10E
  3. 33°59.00S 136°38.60E
  4. 33°55.60S 136°43.00E
  5. 33°57.00S 136°44.80E
- (e) Except the Wardang closure area, which is defined as the waters contained within the following index points:
1. 34°10.00S 137°28.00E
  2. 34°21.00S 137°12.00E
  3. 34°45.00S 137°15.00E
  4. 34°48.53S 137°09.45E
  5. 34°48.53S 137°06.00E
  6. 34°50.75S 137°06.00E
  7. 34°54.00S 137°01.00E
- (f) Except the Corny closure area, which is defined as the waters within and bounded by the following closure index points:
1. 34°27.00S 136°53.00E
  2. 34°27.00S 137°02.00E
  3. 34°35.00S 136°56.00E
  4. 34°48.60S 136°52.00E
  5. 34°54.00S 136°52.00E
  6. 34°54.00S 136°48.50E
  7. 34°49.50S 136°48.50E
  8. 34°49.50S 136°40.50E
  9. 34°39.50S 136°40.50E
- Then back to point 1
- (g) Except the Illusions Park closure area, which is defined as the waters contained within the following closure index points:
1. 33°28.80S 137°32.20E
  2. 33°28.30S 137°33.20E
  3. 33°28.85S 137°33.50E
  4. 33°29.40S 137°32.50E
- Then back to point 1
- (h) Except the Jurassic Park closure area, which is defined as the waters contained within the following closure index points:
1. 33°54.90S 137°17.60E
  2. 33°54.40S 137°19.40E
  3. 33°54.70S 137°19.60E
  4. 33°55.20S 137°17.80E
- Then back to point 1
- (i) Except the Estelle Star closure area, which is defined as the waters contained within the following closure index points:
1. 33°58.80S 136°49.80E
  2. 33°58.20S 136°51.00E
  3. 33°59.10S 136°51.70E
  4. 33°59.80S 136°50.40E
- Then back to point 1



## SCHEDULE 2

Commencing at sunset on 28 November 2024 and ending at sunrise on the 12 December 2024.

## SCHEDULE 3

1. The coordinates in Schedule 1 are defined as degrees decimal minutes and are based on the World Geodetic System 1984 (WGS 84).
2. No fishing activity may be undertaken between the prescribed times of sunrise and sunset for Adelaide (as published in the *South Australian Government Gazette* pursuant to the requirements of the *Proof of Sunrise and Sunset Act 1923*) during the period specified in Schedule 2.
3. Based on the best information available from the fleet, fishing must cease in the Stones/Musgrave area if the fleet average catch falls below 400kg/vessel/night or the Channel and South if the fleet average catch falls below 300kg/vessel/night for two consecutive nights; or the Mid/North Gulf if the average prawn bucket count exceeds 260 prawns per 7kg; or in an area in the Southern Gulf if the average prawn bucket count exceeds 260 prawns/7kg or in the whole area when a total catch of 233 tonnes has been landed.
4. No fishing activity may occur without the authorisation of Coordinator at Sea, Ashley Lukin, or other nominated Coordinator at Sea appointed by the Spencer Gulf and West Coast Prawn Association.
5. The authorisation of the Coordinator at Sea must be in writing, signed and record the day, date, and permitted fishing area within the waters of Schedule 1 in the form of a notice sent to the fishing fleet or vary an earlier authorisation issued by the Coordinator at Sea.
6. The Coordinator at Sea must cause a copy of any authorisation for fishing activity or variation of same, made under this notice to be emailed to the Prawn Fisheries Manager immediately after it is made.
7. The Spencer Gulf & West Coast Prawn Association must keep records of all authorisations issued pursuant to this notice.

Dated: 28 November 2024

ASHLEY LUKIN  
Coordinator at Sea, Spencer Gulf & West Coast Prawn Association Inc.  
Delegate of the Minister for Primary Industries and Regional Development

## HOUSING IMPROVEMENT ACT 2016

*Rent Control*

In the exercise of the powers conferred by the *Housing Improvement Act 2016*, the Delegate of the Minister for Housing and Urban Development hereby fixes the maximum rental amount per week that shall be payable subject to Section 55 of the *Residential Tenancies Act 1995*, in respect of each premises described in the following table. The amount shown in the said table shall come into force on the date of this publication in the Gazette.

Address of Premises	Allotment Section	Certificate of Title Volume/Folio	Maximum Rental per week payable
5 12-14 Fooks Terrace, St Kilda SA 5110	Lot 5 Community Strata plan 22107 Hundred of Port Adelaide	CT5909/864	\$240.00

Dated: 5 December 2024

CRAIG THOMPSON  
Housing Regulator and Registrar  
Housing Safety Authority  
Delegate of the Minister for Housing and Urban Development

## LOCAL GOVERNMENT (ELECTIONS) ACT 1999

## CITY OF WEST TORRENS

*Supplementary Election of Councillor for Hilton Ward—Election Results*

Conducted on Tuesday, 26 November 2024

Formal Ballot Papers—1,407

Informal Ballot Papers—8

Quota—704

Candidates	First Preference Votes	Elected/Excluded
WOGHIREN, Samuel	171	Excluded
MARCINIAK, Christopher	22	Excluded
HUANG, Sunny	102	Excluded
SINGH, Rajinder	24	Excluded
YOUNG, Joe	255	
VLAHOS, George	471	Elected
MORFIDIS, Paul	85	Excluded
VERMA, Kirti	135	Excluded
CAIRE, Jason	66	Excluded
LETTON, Scott	76	Excluded

Dated: 5 December 2024

MICK SHERRY  
Returning Officer

## LOCAL GOVERNMENT (ELECTIONS) ACT 1999

## BARUNGA WEST COUNCIL

*Supplementary Election of 2 Area Councillors—Election Results*

Conducted on Tuesday, 26 November 2024

Formal Ballot Papers—884

Informal Ballot Papers—11

Quota—295

Candidates	First Preference Votes	Elected/Excluded
SCHKABARYN, Tony	61	
LOCKE, Rob	104	
TOD, Sophie	452	Elected 1
DOULT, Timothy	46	
EASON, Jo-Anne	221	Elected 2

Dated: 5 December 2024

MICK SHERRY  
Returning Officer

## LOCAL GOVERNMENT (ELECTIONS) ACT 1999

## MID MURRAY COUNCIL

*Close of Roll for Supplementary Election*

A supplementary election will be necessary to fill the vacant position of Councillor for Shearer ward.

The voters roll for this supplementary election will close at 5pm on Friday, 20 December 2024.

You are entitled to vote in the election if you are enrolled on the State electoral roll for the council ward. If you have recently turned 18 or changed your residential or postal address, you must complete an electoral enrolment form available online at [www.ecsa.sa.gov.au](http://www.ecsa.sa.gov.au).

If you are not eligible to enrol on the State electoral roll you may still be entitled to enrol to vote if you own or occupy a property in the council ward. Contact the council to find out how.

Nominations to fill the vacancy will open on Thursday, 16 January 2025 and will be received until 12 noon on Thursday, 30 January 2025.

The election will be conducted by post with the return of ballot material to reach the Returning Officer no later than 12 noon on polling day, Tuesday, 18 March 2025.

Dated: 5 December 2024

MICK SHERRY  
Returning Officer

## LOCAL GOVERNMENT (ELECTIONS) ACT 1999

## MOUNT BARKER DISTRICT COUNCIL

*Close of Roll for Supplementary Election*

A supplementary election will be necessary to fill the vacant position of Councillor for Central ward.

The voters roll for this supplementary election will close at 5pm on Friday, 20 December 2024.

You are entitled to vote in the election if you are enrolled on the State electoral roll for the council ward. If you have recently turned 18 or changed your residential or postal address, you must complete an electoral enrolment form available online at [www.ecsa.sa.gov.au](http://www.ecsa.sa.gov.au).

If you are not eligible to enrol on the State electoral roll you may still be entitled to enrol to vote if you own or occupy a property in the council ward. Contact the council to find out how.

Nominations to fill the vacancy will open on Thursday, 16 January 2025 and will be received until 12 noon on Thursday, 30 January 2025.

The election will be conducted by post with the return of ballot material to reach the Returning Officer no later than 12 noon on polling day, Tuesday, 18 March 2025.

Dated: 5 December 2024

MICK SHERRY  
Returning Officer

## MINING ACT 1971

*Application for a Mining Lease*Notice is hereby given in accordance with Section 56H of the *Mining Act 1971*, that an application for a Mining Lease over the undermentioned mineral claim has been received:

Applicant: Futuretop Developments Pty Ltd (ACN 082 988 396)  
 Claim Number: 4577  
 Location: CT5896/647, Hartley area, approximately 12km east-northeast of Strathalbyn.  
 Area: 97.15 hectares approximately  
 Purpose: Extractive Minerals (Sand and Limestone)  
 Industrial Minerals (Limestone)  
 Reference: 2024/000125

To arrange an inspection of the proposal at the Department for Energy and Mining, please call the Department on (08) 8463 3103.

An electronic copy of the proposal can be found on the Department for Energy and Mining website:

<https://www.energymining.sa.gov.au/industry/minerals-and-mining/mining/community-engagement-opportunities>

Written submissions in relation to this application are invited to be received at the Department for Energy and Mining, Mining Regulation, Attn: Business Support Officer, GPO Box 618, Adelaide SA 5001 or <mailto:dem.miningregrehab@sa.gov.au> by no later than **14 January 2025**.

The delegate of the Minister for Energy and Mining is required to have regard to these submissions in determining whether to grant or refuse the application and, if granted, the terms and conditions on which it should be granted.

When you make a written submission, that submission becomes a public record. Your submission will be provided to the applicant and may be made available for public inspection.

Dated: 5 December 2024

C. ANDREWS  
Mining Registrar  
Delegate for the Minister for Energy and Mining  
Department for Energy and Mining

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#### MINING ACT 1971

##### *Application for a Mining Lease*

Notice is hereby given in accordance with Section 56H of the *Mining Act 1971*, that an application for a Mining Lease over the undermentioned mineral claim has been received:

Applicant: MA Skinner Contracting Pty Ltd (ACN 113 238 225)  
Claim Number: 4566  
Location: CT5535/762, Ninnes area, approximately 25km east of Kadina.  
Area: 87.93 hectares approximately  
Purpose: Extractive Minerals (Sand)  
Reference: 2023/000241

To arrange an inspection of the proposal at the Department for Energy and Mining, please call the Department on (08) 8463 3103.

An electronic copy of the proposal can be found on the Department for Energy and Mining website:

<https://www.energymining.sa.gov.au/industry/minerals-and-mining/mining/community-engagement-opportunities>

Written submissions in relation to this application are invited to be received at the Department for Energy and Mining, Mining Regulation, Attn: Business Support Officer, GPO Box 618, Adelaide SA 5001 or [dem.miningregrehab@sa.gov.au](mailto:dem.miningregrehab@sa.gov.au) by no later than **16 December 2024**.

The delegate of the Minister for Energy and Mining is required to have regard to these submissions in determining whether to grant or refuse the application and, if granted, the terms and conditions on which it should be granted.

When you make a written submission, that submission becomes a public record. Your submission will be provided to the applicant and may be made available for public inspection.

Dated: 5 December 2024

C. ANDREWS  
Mining Registrar  
Delegate for the Minister for Energy and Mining  
Department for Energy and Mining

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#### PASTORAL LAND MANAGEMENT AND CONSERVATION ACT 1989

##### PUBLIC ACCESS ROUTE CLOSURE 2024/2025 SUMMER

##### *Notice of Intent to Temporarily Close Public Access Route Number 13, Named Halligan Point*

Notice is hereby given of the intent to temporarily close the Halligan Point Public Access Route from the Oodnadatta Track to Lake Eyre National Park, from 1 December 2024 to and including 16 March 2025 until further notice, pursuant to Section 45(7) of the *Pastoral Land Management and Conservation Act 1989*. Notification of the re-opening of the Public Access Route will be provided on the Department for Infrastructure and Transport's Outback Road Warnings website at [https://www.dit.sa.gov.au/OutbackRoads/outback\\_road\\_warnings/special\\_notices](https://www.dit.sa.gov.au/OutbackRoads/outback_road_warnings/special_notices).

##### *Notice of Intent to Temporarily Close Public Access Route Number 15, named K1 Warburton Crossing*

Notice is hereby given of the intent to temporarily close the K1 Warburton Crossing Public Access Route from the Birdsville Track to the Simpson Desert Regional Reserve, from 1 December 2024 to and including 16 March 2025 until further notice, pursuant to Section 45(7) of the *Pastoral Land Management and Conservation Act 1989*. Notification of the re-opening of the Public Access Route will be provided on the Department for Infrastructure and Transport's Outback Road Warnings website at [https://www.dit.sa.gov.au/OutbackRoads/outback\\_road\\_warnings/special\\_notices](https://www.dit.sa.gov.au/OutbackRoads/outback_road_warnings/special_notices).

##### *Notice of Intent to Temporarily Close Public Access Route Number 16, named Walkers Crossing*

Notice is hereby given of the intent to temporarily close the Walkers Crossing Public Access Route from the Birdsville Track to the Innamincka Regional Reserve, from 1 December 2024 to and including 16 March 2025 until further notice, pursuant to Section 45(7) of the *Pastoral Land Management and Conservation Act 1989*. Notification of the re-opening of the Public Access Route will be provided on the Department for Infrastructure and Transport's Outback Road Warnings website at [https://www.dit.sa.gov.au/OutbackRoads/outback\\_road\\_warnings/special\\_notices](https://www.dit.sa.gov.au/OutbackRoads/outback_road_warnings/special_notices).

Dated: 1 December 2024

MARK MAY  
Pastoral Board Delegate  
Program Leader, Pastoral Operations  
Department for Environment and Water

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## PLANNING, DEVELOPMENT AND INFRASTRUCTURE ACT 2016

## SECTION 76

*Amendment to the Planning and Design Code**Preamble*

It is necessary to amend the Planning and Design Code (the Code) in operation at 21 November 2024 (Version 2024.21) in order to make changes of form relating to the Code's spatial layers and their relationship with land parcels. NOTE: There are no changes to the application of zone, subzone or overlay boundaries and their relationship with affected parcels or the intent of policy application as a result of this amendment.

1. Pursuant to Section 76 of the Planning, *Development and Infrastructure Act 2016* (the Act), I hereby amend the Code in order to make changes of form (without altering the effect of underlying policy), correct errors and make operational amendments as follows:
  - (a) Undertake minor alterations to the geometry of the spatial layers and data in the Code to maintain the current relationship between the parcel boundaries and Code data as a result of the following:
    - A. Zones and subzones
    - B. Technical and Numeric Variations
      - Building Heights (Levels)
      - Building Heights (Metres)
      - Minimum Frontage
      - Minimum Site Area
      - Minimum Primary Street Setback
      - Minimum Side Boundary Setback
      - Future Local Road Widening Setback
    - C. Overlays
      - Affordable Housing
      - Airport Building Heights (Regulated)
      - Character Area
      - Defence Aviation Area
      - Future Local Road Widening
      - Future Road Widening
      - Hazards (Bushfire—High Risk)
      - Hazards (Bushfire—Medium Risk)
      - Hazards (Bushfire—General Risk)
      - Hazards (Bushfire—Urban Interface)
      - Hazards (Bushfire—Regional)
      - Hazards (Bushfire—Outback)
      - Heritage Adjacency
      - Local Heritage Place
      - Noise and Air Emissions
      - State Heritage Place
      - Stormwater Management
      - Urban Tree Canopy
  - (b) In Part 13 of the Code—Table of Amendments, update the publication date, Code version number, amendment type and summary of amendments within the 'Table of Planning and Design Code Amendments' to reflect the amendments to the Code as described in this Notice.
2. Pursuant to Section 76(5)(a) of the Act, I further specify that the amendments to the Code as described in this Notice will take effect upon the date those amendments are published on the SA planning portal.

Dated: 5 December 2024

GREG VAN GAANS  
Director, Geospatial, Data Science and Analytics  
Department for Housing and Urban Development  
Delegate of the Minister for Planning

## THE REMUNERATION TRIBUNAL

REPORT NO. 8 OF 2024

*2024 Review of Accommodation and Meal Allowances  
for Ministers of the Crown and the Leader and Deputy Leader of the Opposition***INTRODUCTION**

1. The Remuneration Tribunal (**Tribunal**) has conducted a review of Determination 7 of 2023 which sets accommodation and meal allowances payable to Ministers of the Crown and the Leader and Deputy Leader of the Opposition.
2. As explained in this report, the Tribunal has determined to increase the rate of the allowances by 2.4%. The Tribunal has issued an accompanying determination, which applies from 1 January 2025.

**THE REVIEW PROCESS**

3. On 22 October 2024, in accordance with Sections 10(2) and 10(4) of the *Remuneration Act 1990* (SA) (**Act**), the Tribunal wrote to and invited submissions by 5 November 2024 in respect of this review from:
  - (a) the Honourable Premier of South Australia—as the Minister responsible for the Act who may make submissions or introduce evidence in the public interest
  - (b) members of Parliament
  - (c) the Treasurer
  - (d) the Independent Commissioner Against Corruption (**ICAC**)
4. The Tribunal also advertised its intention to review this, and other determinations applicable to Members of Parliament, on its website from 22 October 2024. Submissions were also invited by 5 November 2024.
5. On 1 November 2024, the Premier's representative confirmed that no submission would be made.
6. On 4 November 2024, the Acting Independent Commissioner Against Corruption confirmed that no submission would be made. No other submissions were received in respect of this review.

**CONSIDERATIONS**

7. The determination under review sets allowances to cover the costs of commercial accommodation and meals associated with official travel by Ministers, the Leader of the Opposition and Deputy Leader of the Opposition.
8. In considering this matter, the Tribunal has had regard to the following economic data relevant to the costs of commercial accommodation and meals:
  - (a) The Consumer Price Index (All groups Adelaide) shows the following percentage changes from the corresponding quarters of previous years:
    - (i) 4.8% for December 2023
    - (ii) 4.3% for March 2024
    - (iii) 4.5% for June 2024
    - (iv) 3.2% for September 2024
  - (b) As at November 2024 the Reserve Bank of Australia forecast of the Consumer Price Index was as follows:
    - (i) 3.8% for June 2024
    - (ii) 2.6% for December 2024
    - (iii) 2.5% for June 2025
    - (iv) 3.7% for December 2025
  - (c) The Australian Taxation Office Taxation Determinations TD 2024/3, which respectively set for taxation purposes reasonable accommodation, meal, and incidental expenses for the 2024-25 income years. The Tribunal has noted the following percentage changes between those respective Taxation Determinations, for the highest earners:
    - (i) 0% increase to accommodation costs for Adelaide, Brisbane, Canberra, Darwin, Hobart, Melbourne, Perth, Sydney
    - (ii) 5.65% increase to breakfast costs
    - (iii) 5.64% increase to lunch costs
    - (iv) 5.58% increase to dinner costs
    - (v) 4.10% increase to incidentals
    - (vi) Overall, 2.20% to 2.63% increase for daily total (which includes accommodation, meals and incidentals)
9. The Tribunal continues to adopt a cautionary approach to inflationary movements.
10. Having regard to these factors, the Tribunal has decided that these allowances should be increased by 2.4%, with effect from 1 January 2025. The exception to this general increase relates to Sydney travel. In this regard, the Tribunal has noted the Australian Taxation Office Determination TD2024/3 but has also noted a significant discrepancy between the current rate and those which are applicable to Ministers of the Crown and the Leader and Deputy Leader of the Opposition.
11. Having regard to these factors, the Tribunal has decided to increase the rate of the allowances by 2.4% with effect from 1 January 2025.

Dated: 29 November 2024

MATTHEW O'CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

## THE REMUNERATION TRIBUNAL

DETERMINATION NO. 8 OF 2024

*Accommodation and Meal Allowances for  
Ministers of the Crown and the Leader and Deputy Leader of the Opposition***SCOPE OF DETERMINATION**

1. This Determination applies to Ministers of the Crown, and to the Leader and Deputy Leader of the Opposition.

**INTERPRETATION**

2. In this Determination, unless the contrary appears:

“**Commercial Accommodation**” means short term (not permanent) accommodation in a commercial establishment such as a hotel, motel or serviced apartment, Airbnb or similar platform and must be a genuine arms-length commercial transaction.

“**Incurs Actual Expenditure**” means an amount of money spent by a Minister, Member or Officer of the Parliament.

“**Metropolitan Adelaide**” bears the same meaning as defined in the *Development Act 1993* (SA).

“**Meals**” means food or drink purchased by a Minister, Member or Officer of the Parliament in connection with an allowance payable under this Determination.

“**Minister**” means a Minister of the Crown in the right of the State of South Australia.

“**Official Duties**” means activities undertaken by a Member of Parliament in relation to their role as a Minister, or their role as the Leader or acting Leader of the Opposition.

“**Sydney**” means locations which are less than 10km by road from the Sydney General Post Office (by the most direct route), or less than 5km by road from Sydney’s principal airport (by the most direct route).

**ACCOMMODATION AND MEAL ALLOWANCES**

3. A Minister who incurs actual expenditure for both commercial accommodation and meals when travelling as part of their official duties and which necessitates absence from home overnight shall be entitled to be paid a per day accommodation and meal allowance, as follows:
  - 3.1. Outside Metropolitan Adelaide, but within South Australia:
    - 3.1.1. An allowance at the rate of \$325 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.2. Outside South Australia, but within Australia (other than Sydney):
    - 3.2.1. An allowance at the rate of \$483 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.3. Sydney:
    - 3.3.1. An allowance at the rate of \$533 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.4. Provided that, where it is necessary and appropriate, reasonable additional expenditure to that prescribed by the allowances in 3.1, 3.2 and 3.3 for the purposes of commercial accommodation and meals may be reimbursed on the basis of evidence being produced of that additional expenditure.
4. The allowances provided by this Determination shall also be payable to the Leader of the Opposition, and to the Deputy Leader of the Opposition when he or she deputises, at the Leader's request, for the Leader of the Opposition in his or her official capacity.

**DATE OF OPERATION**

5. This Determination operates from 1 January 2025. It supersedes Determination 7 of 2023.

Dated: 29 November 2024

MATTHEW O’CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

## THE REMUNERATION TRIBUNAL

REPORT NO. 9 OF 2024

*2024 Review of Accommodation and Meal Allowances—Judges, Court Officers and Statutory Officers***INTRODUCTION**

1. The Remuneration Tribunal (**Tribunal**) has conducted a review of Determination 13 of 2023 which sets accommodation and meal allowances payable to the members of the judiciary and office holders listed in Section 13 of the *Remuneration Act 1990* (SA) (**Act**), and certain other office holders as conferred under Section 14 of the Act.
2. As explained in this report, the Tribunal has decided to increase the rate of the allowances by 2.4%. The increased allowances apply from 1 January 2025.

**THE REVIEW PROCESS**

3. On 19 September 2024, in accordance with Sections 10(2) and 10(4) of the Act, the Tribunal wrote to and invited submissions by 3 October 2024 in respect of this review from:
  - (a) the Honourable Premier of South Australia—as the Minister responsible for the Act who may make submissions or introduce evidence in the public interest
  - (b) the Judicial Remuneration Coordinating Committee (JRCC)
  - (c) members of the judiciary and relevant office holders
4. The Tribunal also placed a notice on its website from 19 September 2024 inviting submissions from affected persons by 3 October 2024.
5. On 23 September 2024, the Electoral Commissioner confirmed that he would not be making a submission on this occasion.
6. On 3 October 2024, the Premier’s representative confirmed that the Premier did not intend to make a submission.
7. The JRCC provided a written submission on 3 October 2024, on behalf of:
  - (a) the Chief Justice, Judges and Associate Judges of the Supreme Court;
  - (b) the Chief Judge, Judges and Associate Judges of the District Court;
  - (c) the Judges and Magistrates of the South Australian Employment Tribunal;
  - (d) the Chief Magistrate and the Magistrates of the Magistrates Court;
  - (e) the State Coroner and Deputy State Coroners;
  - (f) the Commissioners of the Environment, Resources and Development Court; and
  - (g) the President and Deputy Presidents of the South Australian Employment Tribunal.
8. The JRCC submitted that the Tribunal should review the determination of the accommodation and meal allowances arrangements in the usual way and otherwise make a determination that reflects the terms of Determination 13 of 2023.
9. No other submissions were received.

**CONSIDERATION AND CONCLUSION**

10. The determination under review sets allowances to cover the costs of commercial accommodation and meals associated with official travel by members of the judiciary and other relevant office holders.
11. In considering this matter, the Tribunal has had regard to the following economic data relevant to the costs of commercial accommodation and meals:
  - (a) The Consumer Price Index (All groups Adelaide) shows the following percentage changes from the corresponding quarters of previous years:
    - (i) 4.8% for December 2023
    - (ii) 4.3% for March 2024
    - (iii) 4.5% for June 2024
    - (iv) 3.2% for September 2024
  - (b) As at November 2024 the Reserve Bank of Australia forecast of the Consumer Price Index was as follows:
    - (i) 3.8 % for June 2024
    - (ii) 2.6 % for December 2024
    - (iii) 2.5 % for June 2025
    - (iv) 3.7 % for December 2025
  - (c) The Australian Taxation Office Taxation Determinations TD 2024/3, which respectively set for taxation purposes reasonable accommodation, meal and incidental expenses for the 2024-25 income years. The Tribunal has noted the following percentage changes from the previous financial year, for the highest earners:
    - (i) 0% increase to accommodation costs for Adelaide, Brisbane, Canberra, Darwin, Hobart, Melbourne, Perth, Sydney
    - (ii) 5.65% increase to breakfast costs
    - (iii) 5.64% increase to lunch costs
    - (iv) 5.58% increase to dinner costs
    - (v) 4.10% increase to incidentals
    - (vi) overall 2.20% to 2.63% increase for daily total (which includes accommodation, meals and incidentals)
12. Having regard to these factors, the Tribunal has decided that these allowances should be increased by 2.4%, with effect from 1 January 2025. The exception to this general increase relates to Sydney travel. In this regard, the Tribunal has noted the Australian Taxation Office Determination TD2024/3 but has also noted a significant discrepancy between the current rate and those which are generally applicable to members of the judiciary and other relevant office holders.
13. The Tribunal has also considered the recent amendments to various pieces of legislation as a result of the *Statutes Amendment (Attorney-General’s Portfolio) Act 2024* (SA). References to Masters in the *Supreme Court Act 1935* (SA) have been amended to Associate Justices and references to Masters in the *District Court Act 1991* (SA) have been amended to Associate Judges in the accompanying determination.

Dated: 29 November 2024

MATTHEW O’CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

## THE REMUNERATION TRIBUNAL

DETERMINATION NO. 9 OF 2024

*Accommodation and Meal Allowances—Judges, Court Officers and Statutory Officers***SCOPE OF DETERMINATION**

1. This Determination applies to Judges, Court Officers, and Statutory Officers.

**INTERPRETATION**

2. In this Determination, unless the contrary appears:

“**Commercial Accommodation**” means short term (not permanent) accommodation in a commercial establishment such as a hotel, motel or serviced apartment and must be a genuine arms-length commercial transaction. Commercial Accommodation does not include Airbnb or other “sharing economy” type accommodation.

“**Court Officer**” means a Commissioner of the Environment, Resources and Development Court.

“**Incurs Actual Expenditure**” means an amount of money spent by a Judge, Court Officer or Statutory Officer.

“**Judge**” means any of the following members of the judiciary:

The Chief Justice of the Supreme Court;  
The President of the Court of Appeal;  
The Judges of the Court of Appeal;  
The Puisne Judges of the Supreme Court;  
The Associate Justices of the Supreme Court;  
The Chief Judge of the District Court;  
The Judges of the Environment, Resources and Development Court;  
The Associate Judges of the District Court;  
The Other District Court Judges;  
The Judges of the South Australian Employment Tribunal;  
The Chief Magistrate;  
The Magistrates;  
The Magistrates of the South Australian Employment Tribunal;  
The State Coroner; and  
The Deputy State Coroner.

“**Meals**” means food or drink purchased by a Judge, Court Officer or Statutory Officer in connection with an allowance payable under this Determination.

“**Metropolitan Adelaide**” bears the same meaning as defined in the *Development Act 1993*.

“**Official Duties**” means activities undertaken by a Judge, Court Officer or Statutory Officer in relation to their duties as either a Judge, Court Officer or Statutory Officer.

“**Statutory Officer**” means any of the following statutory office holders:

The Auditor General;  
The Electoral Commissioner;  
The Deputy Electoral Commissioner;  
The Health and Community Services Complaints Commissioner;  
The Deputy President of the South Australian Civil and Administrative Tribunal.

“**Sydney**” means locations which are less than 10km by road from the Sydney General Post Office (by the most direct route), or less than 5km by road from Sydney’s principal airport (by the most direct route).

**ACCOMMODATION AND MEAL ALLOWANCES**

3. A Judge, Court Officer or Statutory Officer who incurs actual expenditure for both commercial accommodation and meals when travelling for the purpose of performing their official duties and which necessitates absence from home overnight shall be entitled to be paid a per day accommodation and meal allowance, as follows
  - 3.1. Within Metropolitan Adelaide:
    - 3.1.1. An allowance at the rate of \$364,00 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.2. Outside Metropolitan Adelaide, but within South Australia:
    - 3.2.1. An allowance at the rate of \$334,00 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.3. Outside South Australia, but within Australia (other than Sydney):
    - 3.3.1. An allowance at the rate of \$509,00 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.4. Sydney:
    - 3.4.1. An allowance at the rate of \$566,00 per day for the purpose of meeting expenditure in relation to commercial accommodation and meals.
  - 3.5. Office holders who travel interstate and return on the same day may be reimbursed for lunch only on the basis of actual expenditure up to \$26.82. Reimbursement is not to be made for lunch during single day absences within South Australia.
  - 3.6. When an additional period of less than 24 hours absence occurs without overnight accommodation consecutive with and immediately following a period of absence in paragraph 3.1, 3.2, 3.3, or 3.4, then a further payment calculated at the rate of one half of the allowance shall be paid with respect to the excess hours.



**DATE OF OPERATION**

4. This Determination operates from 1 January 2025. It supersedes Determination 13 of 2023.

Dated: 29 November 2024

MATTHEW O'CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

**THE REMUNERATION TRIBUNAL**

REPORT NO. 10 OF 2024

*2024 Review of Electorate Allowances for Members of the Parliament of South Australia*

**INTRODUCTION**

1. The Remuneration Tribunal (**Tribunal**) has reviewed Determination 17 of 2022 which sets electorate allowances for members of Parliament.
2. As explained in this report, the Tribunal has determined that no increase will be awarded and therefore Determination 17 of 2022 will continue to apply.

**BACKGROUND**

3. The Tribunal conducted an extensive review of electorate allowance issues in 2023.
4. The Tribunal noted that, while the cost of motor vehicles now provided to Members of Parliament on a fixed cost basis were met from the electorate allowances, these costs had not been reviewed and were not matters within the Tribunal's jurisdiction.
5. In terms of the residual amounts, the Tribunal noted that information to clarify the continuing relevance of the categories of accommodation and travel, donations, subscriptions, telephone, stationery, and postage, which had been considered in the last substantive consideration of this allowance were not available.
6. The Tribunal's survey of Members of Parliament, which sought information about how these allowances were expended did not provide reliable information in this regard.
7. Consequently, in its Report 16 of 2023, the Tribunal confirmed its position that the absence of appropriate information about how these allowances were used meant that no basis for an increase to this allowance had been established.

**THE REVIEW**

8. In accordance with Sections 10(2) and 10(4) of the *Remuneration Act 1990* (SA) (**Act**), on 22 October 2024 the Tribunal invited submissions in respect of this review from:
  - (a) The Honourable Premier of South Australia—as the Minister responsible for the Act who may make submissions or introduce evidence on any question relevant to the public interest;
  - (b) Members of Parliament;
  - (c) The Treasurer; and
  - (d) The Independent Commissioner Against Corruption.
9. Submissions were due by 5 November 2024.
10. The Tribunal also advertised its intention to review this, and other determinations applicable to Members of Parliament, on its website from 22 October 2024. Submissions were also invited by 5 November 2024.
11. On 1 November 2024, the Premier's representative confirmed that no submission would be made.
12. On 4 November 2024, the Acting Independent Commissioner Against Corruption confirmed that no submission would be made. No other submissions were received in respect of this review.

**CONSIDERATION AND CONCLUSION**

13. Section 4(2) of the Act provides as follows:

“The Remuneration Tribunal must, in determining electorate allowances and other remuneration for members of Parliament:

  - (a) have regard not only to their parliamentary duties but also to:
    - (i) their duty to be actively involved in community affairs; and
    - (ii) their duty to represent and assist their constituents in dealings with governmental and other public agencies and authorities; and
  - (b) must not reduce an amount payable merely because there has been a change in basic salary.”
14. There is no information available to the Tribunal to warrant a change to the existing electorate allowance amounts. If Members of Parliament consider that there is a sustainable basis for the Tribunal to revise this allowance, the Tribunal is prepared to review this conclusion.
15. For these reasons, the Tribunal finds that there is no justification for awarding an increase to the electorate allowances.
16. Accordingly, Determination 17 of 2022 will continue in operation.

Dated: 3 December 2024

MATTHEW O'CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

## THE REMUNERATION TRIBUNAL

## REPORT NO. 11 OF 2024

*2024 Review of Reimbursement of Expenses Applicable to the Electorate of Mawson  
Travel to and from Kangaroo Island by Ferry and Aircraft***INTRODUCTION**

1. The Remuneration Tribunal (**Tribunal**) has conducted a review of Determination 6 of 2023, which allows the member for the Electorate of Mawson to claim reimbursements up to \$4,100 per annum in respect of expenses necessarily incurred travelling by ferry or aircraft between Kangaroo Island and the Fleurieu Peninsula for electoral purposes.
2. As explained in this report, the Tribunal has reviewed Determination 6 of 2023 and based on the information available to it, the Tribunal considers it unnecessary to make amendments to the determination.

**THE REVIEW PROCESS**

3. On 22 October 2024, and in accordance with Sections 10(2) and 10(4) of the *Remuneration Act 1990 (Act)*, the Tribunal wrote to and invited submissions by 5 November 2024 in respect of this review from:
  - (a) The Honourable Premier of South Australia—as the Minister responsible for the Act who may make submissions or introduce evidence in the public interest
  - (b) Members of Parliament
  - (c) The Treasurer
  - (d) The Independent Commissioner Against Corruption
4. The Tribunal also advertised its intention to review this, and other determinations applicable to Members of Parliament, on its website from 22 October 2024. Submissions were also invited by 5 November 2024.
5. On 1 November 2024, the Premier’s representative confirmed that no submission would be made.
6. On 4 November 2024, the Acting Independent Commissioner Against Corruption confirmed that no submission would be made. No other submissions were received in respect of this review.

**CONSIDERATION AND CONCLUSION**

7. In reviewing this entitlement, the Tribunal has had due regard to the necessary statutory considerations under Section 4(2)(a) of the *Parliamentary Remuneration Act 1990 (PR Act)*. That Section of the PR Act provides that the Tribunal must, in determining electorate allowances and other remuneration for Members of Parliament, have regard not only to their parliamentary duties, but also to:
  - (a) Their duty to be actively involved in community affairs; and
  - (b) Their duty to represent and assist their constituents in dealings with governmental and other public agencies and authorities.
8. The Tribunal has considered the cost of journeys between the Fleurieu Peninsula and Kangaroo Island. From information available to the Tribunal, the cost of travel on the SeaLink Kangaroo Island Ferry Service appears to have been stable from 2015-21. The Tribunal notes that the ferry fares increased in 2022 by 12.24% and by a further 7.27% from 1 September 2023. The ferry fares did not increase further in 2024.
9. As a result, the Tribunal considers it unnecessary to increase the reimbursable allowance amount for the Member for Mawson as part of this review.
10. The Tribunal recognises that the Member for Mawson is in a unique situation, which warrants a separate allowance to be payable for travel to and from Kangaroo Island. While the Member for Mawson may also, at their own discretion, use their electorate allowance for the same purpose, the Tribunal is open to the provision of any further information over the coming year, that the Member for Mawson considers relevant to the operation of this allowance.
11. The Tribunal notes that the allowance is paid upon the provision of a receipt, evidencing the travel expenses being claimed. This process will continue to apply.
12. Accordingly, Determination 6 of 2023 will continue to apply.

Dated: 3 December 2024

MATTHEW O’CALLAGHAN  
President  
DONNY WALFORD  
Member  
MARK YOUNG  
Member

## RETIREMENT VILLAGES ACT 2016

## SECTION 5

*Exemption*

Take Notice that I, Chris Picton, Minister for Health and Wellbeing, pursuant to Section 5(2) of the *Retirement Villages Act 2016* (“the Act”), **hereby exempt** the operator specified in Schedule 1 (“the Authority”) from Sections 22(c), 33(1)(b), 33(6)(a), 33(7)(a), 34(8), 38(1), 39(1) and 40(4) of the Act in relation to the retirement villages specified in Schedule 2.

## SCHEDULE 1

Karidis Villages Pty Ltd

## SCHEDULE 2

(a) Acacia on Marshall

(b) Acacia on Lipsett

This exemption is subject to the following conditions:

1. The Authority must, at least 10 business days before a person enters into a residence contract, give the person a copy of the financial statement presented at the last annual meeting of each of the retirement villages specified in Schedule 2 and a copy of the meeting minutes of the last two annual meetings of residents at each of the retirement villages specified in Schedule 2. This condition will cease to have effect if and once the Authority can provide the person consolidated information of both retirement villages specified in Schedule 2.
2. An annual meeting must be held at which the residents of the retirement villages specified in Schedule 2 will be able to attend.
3. The annual meeting required in condition 2 must be held and run as if it were a meeting held in accordance with Section 33 of the Act.
4. The exemption from Sections 33(7)(a) and 40(4) of the Act applies only to the standard of information (“Information”) as prescribed by Regulation 10 of the *Retirement Villages Regulations 2017* that is required to be provided to residents pursuant to Sections 33(6)(a) and 40(1) of the Act.
5. Information may be prepared in a consolidated format for the retirement villages specified in Schedule 2 operated by the Authority and need not specifically relate to the site at which the relevant resident or residents reside.
6. The Authority shall not impose a special levy on residents unless authorised by special resolution passed at a consolidated meeting at which all residents will be able to attend.
7. A residents’ committee elected will be taken to be the residents’ committee for the purposes of Section 38(1) of the Act and Section 39(1)(a) of the Act.

Dated: 30 November 2024

HON CHRIS PICTON MP  
Minister for Health and Wellbeing

## ROAD TRAFFIC ACT 1961

*Approved Courier*

I, Grantley John Stevens, Commissioner of Police, pursuant to Schedule 1, Part 1A(a) of the *Road Traffic Act 1961*, approve the following persons as couriers for the purposes of Schedule 1 of the *Road Traffic Act 1961*:

Carolyn ALLEN

Dated: 28 November 2024

G. J. STEVENS  
Commissioner of Police

## ROAD TRAFFIC ACT 1961

*Authorisation to Operate Breath Analysing Instruments*

I, Grant Stevens, Commissioner of Police, do hereby notify that on and from 22 November 2024, the following persons were authorised by the Commissioner of Police to operate breath analysing instruments as defined in and for the purposes of the:

- *Road Traffic Act 1961*;
- *Harbors and Navigation Act 1993*;
- *Security and Investigation Industry Act 1995*; and
- *Rail Safety National Law (South Australia) Act 2012*.

PD Number	Officer Name
14935	CRABB, Declan Jaxon
13883	DOECKE, Keon James
11118	ELLIS, Ashlee Jade
14351	GRAHAM, Tiffani Faith
12229	HOLLANDS, Andrew William
10444	KATIANOS, Georgia
13289	LUKE, Liam Matthew
14673	MOORE, Jayde Brooklyn
13878	PALUMBO, Cody Luke

Dated: 5 December 2024

GRANT STEVENS  
Commissioner of Police

Reference: 2024-0207

## ROAD TRAFFIC ACT 1961

South Australia

## Road Traffic (Electric Personal Transporters) Notice No 3 of 2024

under Section 161A of the *Road Traffic Act 1961*

### 1. Operation and Revocation

This Notice comes into operation on the day on which it is made and will cease operation on 30 April 2025. This Notice revokes the *Road Traffic (Electric Personal Transporters) Notice No 3 of 2023* of 6 July 2023.

### 2. Interpretation

In this Notice—

*Act* means the *Road Traffic Act 1961*;

*Council* means the Corporation of the City of Norwood Payneham & St Peters ABN 11 390 194 824;

*electric personal transporter* has the same meaning as in the *Road Traffic (Miscellaneous) Regulations 2014*;

*Minister* means the Minister to whom the administration of the Act is committed;

*path* means a bicycle path, footpath, separated footpath or shared path.

### 3. Approval

In accordance with the power under Section 161A of the Act, I hereby APPROVE an electric personal transporter to be driven on or over a road.

### 4. Conditions

An electric personal transporter may only be driven:

1. within the Council area designated in the Schedule to this Notice;
2. on roads and paths not prohibited for use by Council;
3. if supplied by an operator permitted by Council, or otherwise authorised or accredited;
4. by a driver aged 18 years old or older;
5. if the electric personal transporter meets the criteria in paragraphs (a) to (d) of the definition of *scooter* in Rule 244A(1) of the Australian Road Rules;
6. if the maximum speed of the electric personal transporter cannot exceed 15km/h;
7. if the maximum speed of the electric personal transporter cannot exceed 10km/h on roads under the care, control and management of the Commissioner of Highways;
8. if the unladen mass of the electric personal transporter does not exceed 25kg.

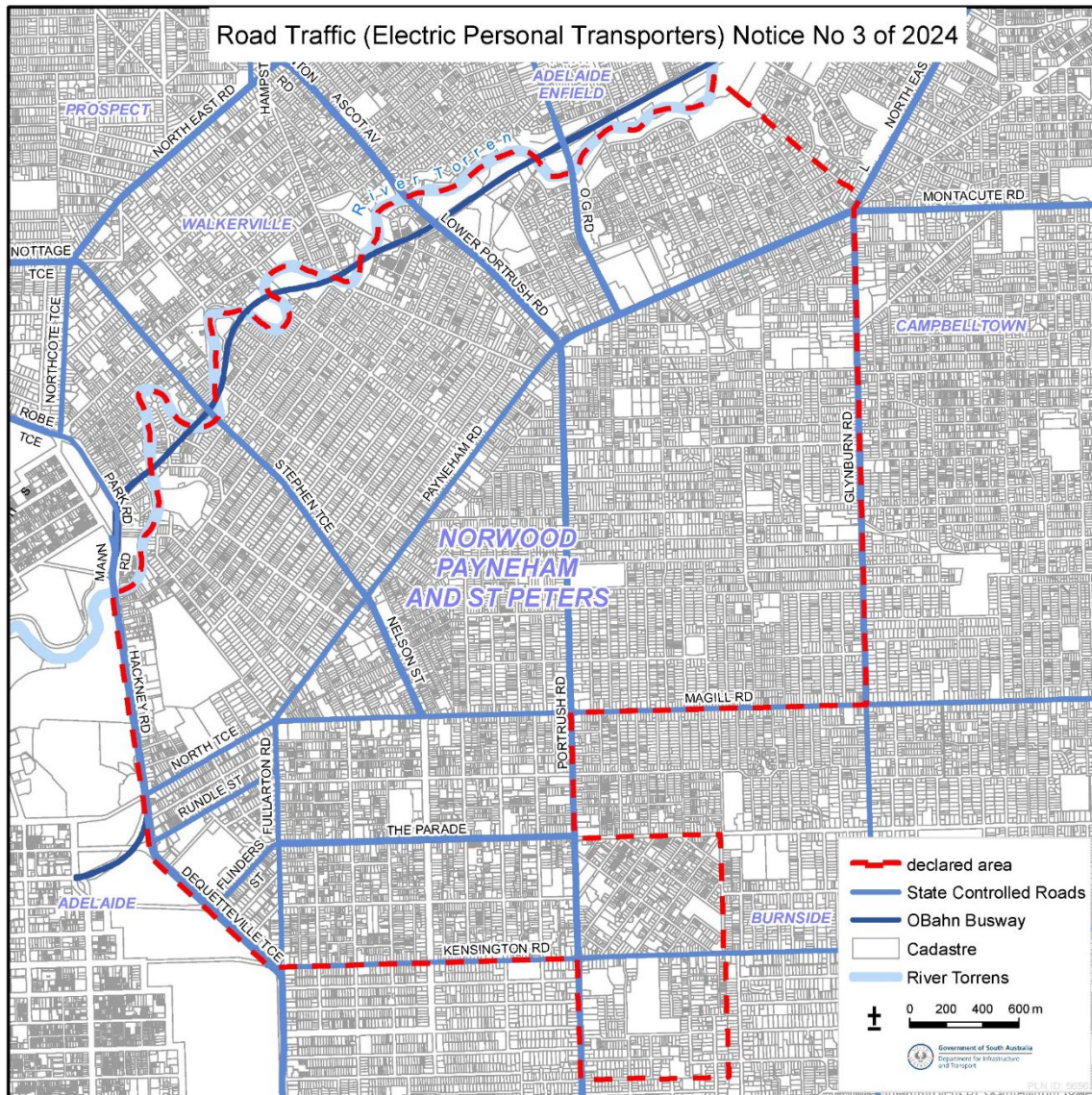
**5. Revocation**

This Notice may be revoked by the Minister or his delegate at any time.

**6. Execution**

Dated: 28 November 2024

HON TOM KOUTSANTONIS MP  
Minister for Infrastructure and Transport



## ROADS (OPENING AND CLOSING) ACT 1991

## SECTION 24

**NOTICE OF CONFIRMATION OF  
ROAD PROCESS ORDER***Road Closure—Unmade Public Road (portion), Mount Torrens*

By Road Process Order made on 2 September 2024, the Adelaide Hills Council ordered that:

1. Portion of Unmade Public Road, Mount Torrens, situated adjoining Allotment 24 in Deposited Plan 62438, Hundred of Talunga, more particularly delineated and lettered 'B' in Preliminary Plan 22/0032 be closed.
2. Transfer the whole of the land subject to closure to Bradley William Lisk and Janine Maree Self in accordance with the Agreement for Transfer dated 13 August 2024 entered into between the Adelaide Hills Council and Bradley William Lisk and Janine Maree Self.
3. The following easements are to be granted over portion of the land subject to closure:

Grant to Telstra Corporation Ltd. an easement for the transmission of telecommunication signals by underground cable over the land marked 'D' in Deposited Plan 135266.

Grant a Right of Way on foot in favour of Allotment 12 in Deposited Plan 135266 over the land marked 'D' in Deposited Plan 135266.

On 1 November 2024 that order was confirmed by the Minister for Planning conditionally upon the deposit by the Registrar-General of Deposited Plan 135266 being the authority for the new boundaries.

Pursuant to Section 24 of the *Roads (Opening and Closing) Act 1991*, notice of the order referred to above and its confirmation is hereby given.

Dated: 5 December 2024

B. J. SLAPE  
Surveyor-General

2022/07104/01

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## LOCAL GOVERNMENT INSTRUMENTS

CITY OF PLAYFORD

*Change of Road Name*

Notice is hereby given, pursuant to Section 219(1) of the *Local Government Act 1999*, that under delegated authority, the naming of a portion of a road within the Brookmont Estate Stage 9 has been altered as follows:

• **Stage 9**

The portion of Harrow Avenue (road segment 2051), affecting Lot 927 will now be renamed Linum Avenue (road segment 2050)

• **Stage 7**

The portion of Harrow Avenue (future road segment 2051) adjacent to **Lot 719** and connecting with Paperbark Way, will be renamed Linum Avenue (road segment 2050)

This renaming is in accordance with the approved plan of division, **DA 292/D093/2014** and will take effect immediately.

Dated: 5 December 2024

MATT DINEEN  
Senior Manager, Development Services

CITY OF PLAYFORD

*Change of Road Name*

Pursuant to Section 219 of the *Local Government Act 1999* and under delegation, notice is hereby given to correct a junction description in the Roberts Farm Estate Stage 2 in Deposited Plan 135248. Lot 153 is currently recorded as being accessed via Hastwell Drive. This is hereby amended to reflect that Lot 153 is accessed via Barritt Road, as detailed in Plan SA Application Number 23023085.

This amendment takes effect immediately.

Dated: 5 December 2024

MATT DINEEN  
Senior Manager, Development Services

CITY OF PORT ADELAIDE ENFIELD

LIQUOR LICENSING ACT 1997—SECTION 131(1AB)

*Liquor Licensing (Dry Areas) Notice 2024*

**1. Short Title**

This notice may be cited as the *Liquor Licensing (Dry Areas) Notice 2024*.

**2. Commencement**

This notice comes into operation on 31 December 2024

**3. Interpretation**

(1) In this notice:

*principal notice* means the *Liquor Licensing (Dry Areas) Notice 2015* published in the Gazette on 5 January 2015, as in force from time to time.

(2) Clause 3 of the principal notice applies to this notice as if it were the principal notice.

**4. Consumption etc of Liquor Prohibited in Dry Areas**

(1) Pursuant to Section 131 of the Act, the consumption and possession of liquor in the area described in the Schedule is prohibited in accordance with the provisions of the Schedule.

(2) The prohibition has effect during the periods specified in the Schedule.

(3) The prohibition does not extend to private land in the area described in the Schedule.

(4) Unless the contrary intention appears, the prohibition of the possession of liquor in the area does not extend to:

(a) a person who is genuinely passing through the place if:

(i) the liquor is in the original container in which it was purchased from licensed premises; and

(ii) the container has not been opened; or

(b) a person who has possession of the liquor in the course of carrying on a business or in the course of their employment by another person in the course of carrying on a business; or

(c) a person who is permanently or temporarily residing at premises near the public place and who enters the public place solely for the purpose of passing through it to enter those premises or who enters the public place from those premises for the purpose of leaving the place; or



SCHEDULE—SEMAPHORE AREA 4

**1. Extent of Prohibition**

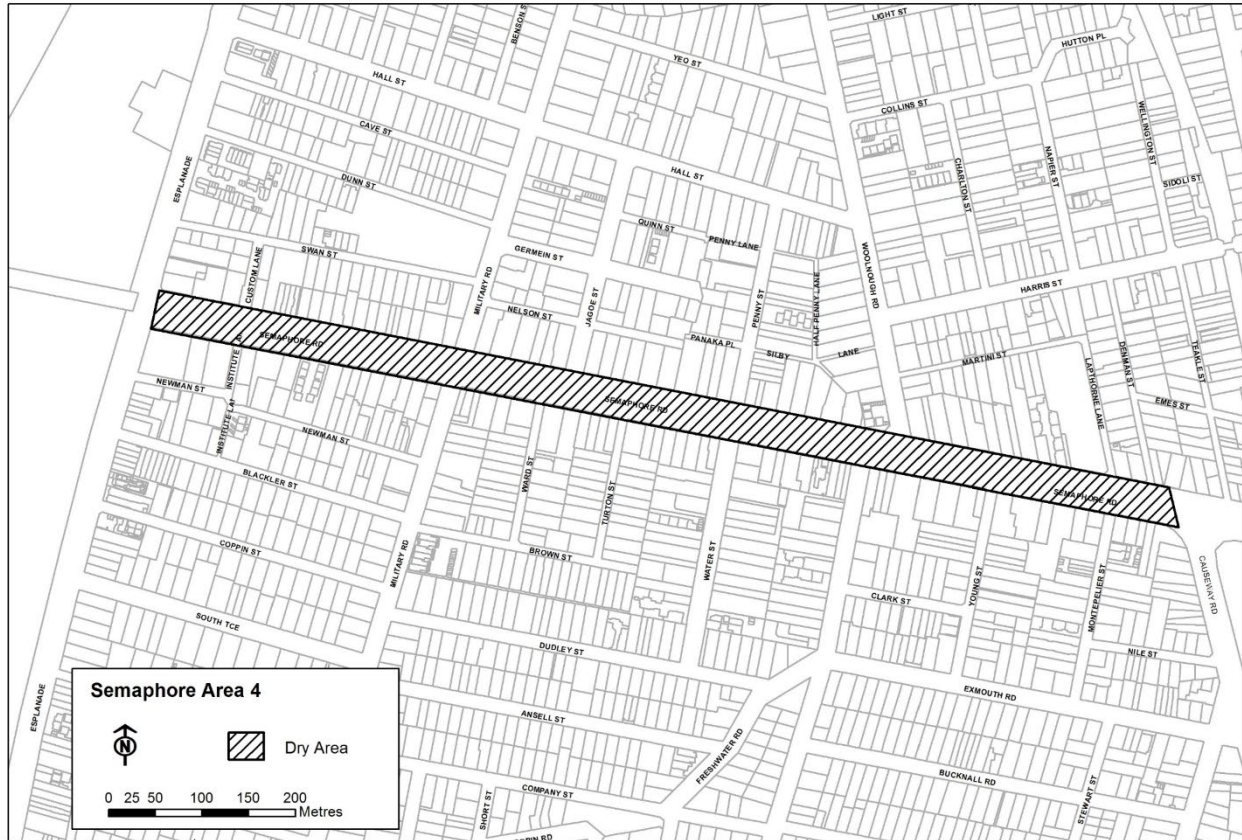
The consumption of liquor is prohibited, and the possession of liquor is prohibited.

**2. Period of Prohibition**

From 12 noon on 31 December 2024 to 12 noon on 1 January 2025.

**3. Description of Area**

The area in Semaphore and Exeter comprising Semaphore Road between the eastern boundary of the Esplanade and the prolongation in a straight line of the marked centre line of Causeway Road.



Dated: 18 November 2024

MARK WITHERS  
Chief Executive Officer

DISTRICT COUNCIL OF CEDUNA

*Change of Road Name*

Notice is hereby given that the District Council of Ceduna at its meeting held 20 November 2024 resolved, pursuant to Section 219(1) of the *Local Government Act 1999*, to change the name of the road previously known as Mickey Free Lawrie Drive, Koonibba to Three Mile Gate Road, Koonibba.

This road name will come into effect from 1 February 2025.

Dated: 2 December 2024

TIM COOTE  
Chief Executive Officer



## KANGAROO ISLAND COUNCIL

## LOCAL GOVERNMENT ACT 1999

*Adoption of Amended Community Land Management Plan*

Notice is hereby given pursuant to Section 198(4) of the *Local Government Act 1999*, that the Kangaroo Island Council at its ordinary council meetings held on the dates as identified in the tables below, resolved to adopt the corresponding proposals for amendment of its community land management plan entitled Council Lands Management Plan:

TABLE 1: SUBSTITUTION OF COMMUNITY LAND DATA SHEETS

Meeting Date	Name of Substituted Community Land Data Sheet
8 October 2024	Dudley District Hall and Penneshaw Community Business Centre Management Plan
12 November 2024	Middle River (including Snelling Beach) Coastal Reserves Management Plan
12 November 2024	Kangaroo Island Yacht Club Reserve and Adjacent Public Recreation and Foreshore Reserves Management Plan
12 November 2024	Hanson Bay (Mouth of the South-West River) Reserve Management Plan
12 November 2024	Stokes Bay Pebble Beach and Headland Reserves Management Plan
12 November 2024	Sapphire town and Strawbridge Point Reserves Management Plan

TABLE 2: INSERTION OF COMMUNITY LAND DATA SHEETS

Meeting Date	Name of Inserted Community Land Data Sheet
12 November 2024	Baudin Beach Reserves (including Sabel Reserve) Management Plan
12 November 2024	Nepean Bay (Western Cove Coastal Settlement) Foreshore Reserve Management Plan
12 November 2024	Nepean Bay (Western Cove—Min Oil Road) Foreshore Reserves Management Plan
12 November 2024	Emu Bay Beach and Foreshore Reserves Management Plan
12 November 2024	Island Beach Foreshore and Beach Reserves Management Plan

TABLE 3: AMENDMENT OF COMMUNITY LAND DATA SHEETS

Meeting Date	Land Reference/Amendment of Community Land Data Sheet	Amended Page No.
12 November 2024	Lot 201 Nepean Drive, Island Beach	184, 185
12 November 2024	Lot 147 The Esplanade, Baudin Beach	196, 197

A copy of the Council Lands Management Plan incorporating all the above amendments may now be viewed by visiting Council's website [www.kangarooisland.sa.gov.au](http://www.kangarooisland.sa.gov.au).

Dated: 27 November 2024

D. BUCKINGHAM  
Chief Executive Officer

## PUBLIC NOTICES

### NATIONAL ELECTRICITY LAW

#### *Notice of Draft Determination*

The Australian Energy Market Commission (AEMC) gives notice under the National Electricity Law as follows:

Under s 99, the making of a draft determination and related draft rule on the *Improving the NEM access standards - Package 1* proposal (Ref. ERC0393). Written requests for a pre-determination hearing must be received by **12 December 2024**. Submissions must be received by **30 January 2025**.

Submissions can be made via the [AEMC's website](#). Before making a submission, please review the AEMC's [privacy statement](#) on its website, and consider the AEMC's [Tips for making a submission](#). The AEMC publishes all submissions on its website, subject to confidentiality.

Written requests should be sent to [submissions@aemc.gov.au](mailto:submissions@aemc.gov.au) and cite the reference in the title. Before sending a request, please review the AEMC's privacy statement on its website.

Documents referred to above are available on the AEMC's website and are available for inspection at the AEMC's office.

Australian Energy Market Commission  
Level 15, 60 Castlereagh St  
Sydney NSW 2000  
Telephone: (02) 8296 7800  
[www.aemc.gov.au](http://www.aemc.gov.au)

Dated: 5 December 2024

### TRUSTEE ACT 1936

#### PUBLIC TRUSTEE

#### *Estates of Deceased Persons*

In the matter of the estates of the undermentioned deceased persons:

ANDERSON Donald late of 17 Morrow Avenue Evanston Park Retired Engineer who died 13 July 2024  
CHURCHETT Edwin James late of 43 Fisher Street Magill Retired painter decorator/ machine operator who died 26 April 2024  
FORD Clive Escott late of 20-36 Gardenia Drive Parafield Gardens Retired Truck Driver who died 29 July 2024  
KORMENDY Tibor Ervin late of 8 Flower Street Elizabeth Downs of no occupation who died 18 August 2023  
LOGEMAN Andre Julius Johan late of 71 The Esplanade Thompsons Beach of no occupation who died 13 July 2018  
MITCHELL Laurel Ruby late of 9 Thule Drive Murray Bridge East of no occupation who died 2 September 2024  
PETERSON Beverley Dawn late of 77 Seaview Road Port Augusta of no occupation who died 9 July 2024  
ROWNEY Nobue late of 9 Happy Valley Drive Happy Valley of no occupation who died 13 July 2024  
SCHOCKAERT Mariette Francois late of 8 Elmgrove Road Salisbury North of no occupation who died 2 March 2022  
SCOTT Freda Anne late of 8 Elmgrove Road Salisbury North Retired Cleaner who died 30 January 2024  
SMITH Gillian late of 15 North Street Henley Beach Retired Supervisor who died 25 June 2024  
THOMAS Rodney Alexander Wilhelm late of 9 St Margarets Crescent Felixstow Welder/Carer who died 24 March 2024

Notice is hereby given pursuant to the *Trustee Act 1936*, the *Inheritance (Family Provision) Act 1972* and the *Family Relationships Act 1975* that all creditors, beneficiaries, and other persons having claims against the said estates are required to send, in writing, to the office of Public Trustee at GPO Box 1338, Adelaide 5001, full particulars and proof of such claims, on or before the 3 January 2025 otherwise they will be excluded from the distribution of the said estate; and notice is also hereby given that all persons indebted to the said estates are required to pay the amount of their debts to the Public Trustee or proceedings will be taken for the recovery thereof; and all persons having any property belonging to the said estates are forthwith to deliver same to the Public Trustee.

Dated: 5 December 2024

T BRUMFIELD  
Public Trustee

# NOTICE SUBMISSION

The South Australian Government Gazette is published each Thursday afternoon.

Notices must be emailed by 4 p.m. Tuesday, the week of publication.

Submissions are formatted per the gazette style and a proof will be supplied prior to publication, along with a quote if applicable. Please allow one day for processing notices.

Alterations to the proof must be returned by 4 p.m. Wednesday.

## **Gazette notices must be submitted as Word files, in the following format:**

- Title—the governing legislation
- Subtitle—a summary of the notice content
- Body—structured text, which can include numbered lists, tables, and images
- Date—day, month, and year of authorisation
- Signature block—name, role, and department/organisation authorising the notice

## **Please provide the following information in your email:**

- Date of intended publication
- Contact details of the person responsible for the notice content
- Name and organisation to be charged for the publication—Local Council and Public notices only
- Purchase order, if required—Local Council and Public notices only

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WEBSITE: [www.governmentgazette.sa.gov.au](http://www.governmentgazette.sa.gov.au)

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**All instruments appearing in this gazette are to be considered official, and obeyed as such**