

Hazardous Substances Register Index

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Useful Links

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[Hazardous Substances \(Classes 1 to 5 Controls\) Regulations 2001](#)

[Hazardous Substances \(Classes 1 to 5 Controls\) Regulations 2001 - Schedule 3](#)

Section 2 - Quantities of flammable substance that activate Approved Handler requirements

Section 4 - Quantities of class 2, 3, and 4 substances that activate Location Certificate requirements

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General Data					
Name of Inspector:	Tayla Garriock	Site Name:	EDG	Edgecumbe	RSC2
Date of inspection:	5/08/2025	Emergency Response Plan Flip Chart Available and Current (yes/no)?:			Yes
Time of inspection:	12:00	MSDS Available and Current (yes/no)?: (In Site Register)			Yes
This site requires a Location Certificate?					No
					Click here for info.

A= Asbestos; BR= Battery Acid (replenishment); BS= Battery Acid (sealed); BV= Battery Acid (vented); C = Cobalt Chloride; D= Diesel; H= Hydrogen; G=Gas; K= Cleaning Solutions; L= Lubricating Oils; M= Mercury; N= Ammonia; O=Oil; P= Polychlorinated Biphenyls; S = Sulphur hexafluoride; V= Solvents (general); X= Miscellaneous

Product Code	Product Name - if not described in Code	Manufacturer or Supplier Name	UN Class number on container	Material Safety Data Sheet available? For new HS identified	Location on Site	Quantity (Kg/Lts)	Container Type	Open container inside? Closed Occasional Open	Bundled Y/N/NA	Comments
BS - Battery Acid - Sealed		Absloyte GNB 90G13			125VDC Protection Battery Bank 1 (54)	297	Sealed Cell Batteries	Closed	N/A	5.5lrs Electrolyte per cell 54x5.5
BS - Battery Acid - Sealed		Energys - Supersafe 12TM-600			125VDC Protection Battery Bank 2 (54)	189	Sealed Cell Batteries	Closed	N/A	3.5Ltrs Electrolyte per cell 54x3.5
BS - Battery Acid - Sealed		Genesis - 12TD150F			Comms Room - 48V Bank 1 (4x12V)	37	Sealed Cell Batteries	Closed	N/A	9.2Ltrs Electrolyte per cell @ 20% of c
BS - Battery Acid - Sealed		Genesis - 12TD150F			Comms Room - 48V Bank 2 (4x12V)	37	Sealed Cell Batteries	Closed	N/A	9.2Ltrs Electrolyte per cell @ 20% of c
X1 - Miscellaneous	Silica Gel	Redox			T4 Breathers	16			N/A	
O - Insulating Oil		ABB			LS/ET 4	1542			Yes	Ltrs oil
O - Insulating Oil		Hyosung			T4	36400			Yes	Kg's oil
O - Insulating Oil		WESTINGHOUSE			T5 - RED	35778			Yes	7870 Imp Gal
O - Insulating Oil		WESTINGHOUSE			T5 - YELLOW	35778			Yes	7870 Imp Gal
O - Insulating Oil		WESTINGHOUSE			T5 - BLUE	35778			Yes	7870 Imp Gal
O - Insulating Oil		WESTINGHOUSE			T5 - SPARE	35778			Yes	7870 Imp Gal
X1 - Miscellaneous	Silica Gel	Redox			T5 Breathers	20			Yes	5Kg per Transformer
O - Insulating Oil					ET5	434			N/A	
O - Insulating Oil		OSAKA			T7 - RED	11350			Yes	
O - Insulating Oil		OSAKA			T7 - YELLOW	11350			Yes	
O - Insulating Oil		OSAKA			T7 - BLUE	11350			Yes	
X1 - Miscellaneous	Silica Gel	Redox			T7 Breathers	12			Yes	4Kg per Transformer
O - Insulating Oil		INDUSTRIE ELETTRICHE			T8 - SPARE	9300			Yes	
O - Insulating Oil		INDUSTRIE ELETTRICHE			T8 - SPARE	9300			Yes	
O - Insulating Oil		CGE			T8 - SPARE	14960			Yes	3290 Imp Gal
O - Insulating Oil		CGE			T8 - SPARE	14960			Yes	3290 Imp Gal
X1 - Miscellaneous	Silica Gel	Redox			T8 Breathers	12			Yes	3Kg per Transformer
O - Insulating Oil		KONCAR VCU-245			CVT 462 40X3=120	222	40KGS PER PHASE		N/A	66Kg each/0.89x3
O - Insulating Oil		ABB CPDE 245			CVT 482	243			N/A	Oil is in Litres, divide Kg by 0.89
O - Insulating Oil		ABB CPDE 245			CVT 3	243			N/A	72Kg each/0.89X3
O - Insulating Oil		RITZ OTEF 110			VT207	246			N/A	73kg each/0.89x3
O - Insulating Oil		ABB EMFC 145			VT237	287			N/A	85Kg each/0.89x3
S - Sulphur Hexafluoride		AEG-S1-145-F1			CB252	9			N/A	
O - Insulating Oil		2001 ABB IMB 123 A5			CT252	236			N/A	70Kg each/0.89x3
S - Sulphur Hexafluoride		AEG-S1-145-F1			CB272	9			N/A	
O - Insulating Oil		2001 ABB IMB 123 A5			CT272	236			N/A	70Kg each/0.89x3
S - Sulphur Hexafluoride		AEG-S1-145-F1			CB292	9			N/A	
O - Insulating Oil		2004 ABB IMB 123 A5			CT292	250			N/A	74Kg each/0.89x3
S - Sulphur Hexafluoride		AEG DT1-145-F1			CB222	38			N/A	
S - Sulphur Hexafluoride		ALSTOM HYPACT 145			CB322	43.1			N/A	
O - Insulating Oil		ABB			LST Outside 80T Cranerom	408		Closed	Yes	HRZ owned
O - Insulating Oil					45T Cranerom - Drying shed	50	NO OIL IN ROOM	Closed	N/A	Spare Oil
S - Sulphur Hexafluoride		SIEMENS 3AQ1			CB442	15.5			N/A	
O - Insulating Oil		2000 ABB IMB 245			CT442	303			N/A	90Kg each/0.89x3
S - Sulphur Hexafluoride		SIEMENS 3AQ1			CB422	15.5			N/A	
O - Insulating Oil		NISSAN FGCH 200			CT422	280			N/A	
S - Sulphur Hexafluoride		SIEMENS 3AQ1			CB412	15.5			N/A	
O - Insulating Oil		NISSAN FGCH 200			CT412	280			N/A	
S - Sulphur Hexafluoride		SPRECHER ENERGIE HGF 114/1A			CB462	10.5			N/A	
O - Insulating Oil		NISSAN FGCH 200			CT462	280			N/A	
S - Sulphur Hexafluoride		ABB LTB 245 E1			CB482	33			N/A	
O - Insulating Oil		NISSAN FGCH 200			CT482	280			N/A	
S - Sulphur Hexafluoride		SIEMENS 3AQ1			CB502	15.5			N/A	
O - Insulating Oil		NISSAN FGCH 200			CT502	280			N/A	
S - Sulphur Hexafluoride		SCHNEIDER 33kV Switchgear			33kV Switch Room	78.5	Sealed CB's	Closed	N/A	Total of all CB's
O - Insulating Oil		ABB			LS7	697			N/A	
X1 - Miscellaneous	Silica Gel	Redox			45T Cranerom - Drying shed				N/A	Spare Silica
O - Insulating Oil		ASEA			SPARE PAD	8865			Yes	
O - Insulating Oil		PAUWELS			SPARE PAD	7840			Yes	15350LB
X1 - Miscellaneous	Silica Gel	Redox			SPARE PAD - Breathers	6			Yes	3 kg per Transformer

HSNO Responsibilities		Name	Company	Function/Role	Approved Handler Certificate No.	Certificate Expiry Date
1	Person in Charge	Jimmy Schedel	Northpower	Manager	NA	
2	Approved Handler 1	Matt Wood	Northpower	Supervisor		7/11/2026
3	Approved Handler 2	Des Ngawhika	Northpower	Supervisor		18/11/2026

HSNO Certification Details

Required?	Certification Type?	Site	Certificate No.	Expiry date
No	Location Certificate	EDG - Edgecumbe - RSC2		
No	Stationary Container Certificate/s			

Stationary Container Certification (if required)		HS Type	Capacity	Certificate No.	Expiry date	Bunded OK?
Item	Type	Description				
1	Stationary Container 1					
2	Stationary Container 2					
3	Stationary Container 3					
4	Stationary Container 4					
5	Stationary Container 5					
6	Stationary Container 6					
7	Stationary Container 7					
8	Stationary Container 8					
9	Stationary Container 9					
10	Stationary Container 10					

Hazardous Substances Register - Summary Sheet										Quantity Values		2, 2, 3, 6, 8, 9,				DoubleClick to update Sign Type & Quantity Values												
	Site Name:	Edgecumbe	EDG	RSC2	Date of Inspection:	5/08/25	Surveyed by				Previous	Current																
	MSDS Available:	Yes	Emergency Response Plan on site:				Yes	Tayla Garriock																				
Product Code	Product Name	Other Names	UN No.	UN Class.	Hazard Classification.	Quantity (Litres or Kgs)	Lts or Kgs	Comment				24/08/2023	5/08/2025	2	2	3	4	5	6	8	9							
S	Sulphur Hexafluoride	SF ₆ ; Sulphur fluoride	1080	2.2	Non Hazardous	292.1	Kgs	CAS 2551-62-4; Liquefied, non-flammable, odourless gas. Much denser than air (5.1). Ozone depleting chemical.				292.1	292.1		X													
M	Mercury		2809	8	6.1B; 6.5B; 6.8A; 6.9A; 8.1A; 9.1A; 9.2B; 9.3A		Ltrs	CAS 7439-97-6; Silvery corrosive and harmful liquid. Evolves toxic vapours. Forms explosive compounds with amonia, amines and acetylene. Amalgamates with some metals.																				
H	Hydrogen		1049	2.1	2.1.1A		Kgs	CAS 1333-74-0; Flammable odourless gas. Significantly less dense than air (0.07). If a leak occurs, high pressure jet of gas may catch fire and burn with a colourless flame. Identify if only in existing sealed equipment.																				
P	Polychlorinated Biphenyls	PCB's	2315	9	6.8A, 6.9A and 9.1A		Ltrs	CAS 11097-69-1; Harmful by ingestion and skin contact. Possible carcinogen, environmental pollutant. Identify if only in existing sealed equipment.																				
A	Asbestos		2212	9	9			CAS 1332-21-4; Mineral fibres of varying length. Non combustible. Inhalation of the dust of asbestos fibres is dangerous (carcinogen) and therfore exposure to the dust should be avoided at all times. Always preevent the generation of asbestos dust Crocidolite (blue asbestos) should be regarded as the most hazardous type of asbestos.																				
BR	Battery Acid (replenishment)	Sulphuric Acid	1830	8	6.1D; 6.7A; 6.9A; 8.1A; 8.2B; 8.3A; 9.1D		Ltrs	CAS 7664-93-9; Colourless, oily liquid, density up to 1.840 kg/L. In the presence of moisture highly corrosive to most metals. Include the quantity of acid used for battery 'top-up'.																				
BS	Battery Acid (sealed units)	Sulphuric Acid	1830	8	6.1D; 6.7A; 6.9A; 8.1A; 8.2B; 8.3A; 9.1D	560	Ltrs	CAS 7664-93-9; Colourless, oily liquid, density up to 1.840 kg/L. In the presence of moisture highly corrosive to most metals.				560	560						X	X	X							
BV	Battery Acid (vented units)	Sulphuric Acid	1830	8	6.1D; 6.7A; 6.9A; 8.1A; 8.2B; 8.3A; 9.1D		Ltrs	CAS 7664-93-9; Colourless, oily liquid, density up to 1.840 kg/L. In the presence of moisture highly corrosive to most metals.																				
N	Ammonia Solution		2672	8	8		Ltrs	CAS 7664-41-7; Flammable; Corrosive																				
O	Insulating Oil	Naphthenic Oil; Crude Oil - Low Flammability			3.1D; 6.1E; 6.3B; 6.7B; 9.1C	285584	Ltrs	CAS 8002-05-9; Identify if only in existing sealed equipment.				285584	285584			X			X		X							
D	Diesel Oil	Automotive gas oil ADO	1202		3.1D; 6.1E; 6.3B; 6.7B; 9.1B		Ltrs	Detail storage quantity and container type (tank or drum)																				
Ke/T	Kerosine Turpentine		1223 1299	3	3.1C; 6.1E; 6.3B; 9.1B		Ltrs	Identify if only in closed containers. CAS 9005-90-7; Mixture of resin and volatile oil. Immiscible with water.																				
Su	Sulphur		1350	4.1	4.1.1B; 6.4A		Kgs	CAS 7704-34-9; Dry powdered form of solid; Flammable																				
C	Cobalt Chloride	CoCl ₂ ; Cobalt	3089	4.1	4.1.1B; 6.4A; 6.5A ;6.5B; 6.7B; 6.8B; 6.9A		Kgs	CAS 7440-48-4; Metal powder, flammable, N.O.S.																				
K	Cleaning Solutions						Ltrs																					
L	Lubricating Oils						Ltrs	General lubricating oils used in miscellaneous equipment on site.																				
V	Solvents (General)	Flammable Solvents, not otherwise stated (N.O.S)		3	3.1B; 6.4A; 9.1D		Ltrs																					
G	Gas General (not listed below)						Ltrs																					
Ga	Oxygen Bottle(s)		1072	2.2; 5.1	5.1.2A		Kgs	CAS 7782-44-7; Non-flammable, odourless gas. Strong supporter of combustion. Slightly denser than air (1.1). Combustible materials impregnated with oxygen may ignite readily.																				
Gb	Acetylene Bottle(s)		1001	2.1	2.1.1A		Kgs	CAS 74-86-2; Flammable, dissolved gas with slight odour. Less dense than air (0.907). Contained in cylinders containing a solvent, usually acetone, and a porous mass. Rough handling and exposure to local heating should be avoided. Results of such rough handling or heating may be delayed explosion. Empty cylinders must be treated the same as full cylinders.																				
Gc	Nitrogen Bottle(s)		1066	2.2	2.2		Kgs	CAS 7727-37-9; Non-flammable, non toxic and odourless gas. It is a simply asphixiant and in sufficient quantities can displace the oxygen levels to below those necessary to sustain life.																				
Gd	Carbon Dioxide	Carbonic acid anhydride; Carbonic anhydride; Dry ice	1013	2.2	2.2		Ltrs	CAS 124-38-9; Compressed, liquified, non-flammable gas. Denser than air (1.5).																				
Other chemical products on-site > 5 litres: (List hazardous chemical name below and add quantities and container types only as above)																												
X1	X1 - Miscellaneous	Silica Gel	...	...	...	66	Kgs					56	86												
X2	X2 - Miscellaneous		...	...	...																				
X3	X3 - Miscellaneous		...	...	...																				

HSNO Responsibilities

Item	Type	Name	Role	Certificate No.	Expiry Date
1	Person in Charge	Jimmy Schedel	Manager	NA	
2	Approved Handler 1	Matt Wood	Supervisor		7/11/2026
3	Approved Handler 2	Des Ngawhika	Supervisor		18/11/2026

Location Certification

If required

Required	Site	Certificate No.	Expiry Date
No	EDG - Edgumbe - RSC2		

Stationary Container Certification

			Required?	No	
Item	Type	Description	Certificate No.	Expiry	Bund OK?
1	Stationary Container 1				
2	Stationary Container 2				
3	Stationary Container 3				
4	Stationary Container 4				
5	Stationary Container 5				
6	Stationary Container 6				
7	Stationary Container 7				
8	Stationary Container 8				
9	Stationary Container 9				
10	Stationary Container 10				

Note 0
Note 1
Note 2

Used at HVDC sites for cleaning Mercury Arc Valves
Items identified by this colour shouldn't be kept on an unmanned site!
Items identified by this colour should be removed and replaced with an alternative product.

Sign F, HS Classes 2.2, 3, 6, 8, 9,



Hazardous Substances Register - Summary Sheet

Site name
Edgumbe
Code
EDG
Group
RSC2
Surveyed on
5/08/25

HSR Revision
HSNO-EDG-Rev AUG 24.xlsm