

SCHEDULE DG1

Permit, licence or approval taken to have been issued	Import, store, use and transport dangerous goods
Act pursuant to which the permit, licence or other approval is taken to have been issued in relation to the conditions contained in this schedule	<i>Dangerous Goods Act 1998</i> <i>Dangerous Goods (General) Regulations 1998</i>
Person, body or State Service Agency responsible for the enforcement of the conditions contained in this schedule	Secretary, Department of Justice

Part 1 – Definitions

“**Class**” means the relevant Class assigned by the *Australian Dangerous Goods Code*;

“**Dangerous goods**” means any substance that is classified or referred to as dangerous goods in accordance with the current Australian Dangerous Goods Code.;

“**Dangerous goods licence**” means a licence issued by the Secretary under the *Dangerous Goods Act 1998*;

“**Packing or packaging group**” means the relevant packing or packaging group assigned by the *Australian Dangerous Goods Code*;

“**Secretary**” means Secretary, Department of Justice.

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Part 2 - Conditions

The person responsible is to import, store, use and transport dangerous goods related to the project only in accordance with the following:

- 1 The person responsible must provide the Secretary with any information related to the importation, storage, use and transport of dangerous goods, as the Secretary requires.
- 2 The person responsible must satisfy the Secretary that it meets the requirements that normally apply to a person to be licensed to import, store, use and transport dangerous goods.

Importation

- 3 The person responsible must notify the Secretary of its intention to import dangerous goods into Tasmania two weeks prior to that intended importation.
- 4 The person responsible must not import into Tasmania dangerous goods unless the importation is approved by and in accordance with any requirement specified by the Secretary.

Storage

- 5 The person responsible must not store dangerous goods at, adjacent to or in conjunction with any work associated with the project, unless the Secretary is satisfied that the storage complies with following conditions -
 - a the dangerous goods do not exceed the quantity specified in Annex 1 of this Schedule, or the Secretary has authorised the storage of amounts exceeding these quantities;
 - b the storage requirements comply with the provisions of the Australian Standards specified in Annex 2 of this Schedule and any other conditions required by the Secretary;
 - c there is placarding of dangerous goods storage locations in accordance with the requirements specified in the document *How to Hazchem Placard Premises Storing Dangerous Goods* available from Workplace Standards Tasmania;
 - d different classes of dangerous goods are not stored together unless the requirements of Annex 3 and Annex 4 of this Schedule have been complied with; and
 - e class 1 explosives are not stored with any other class of dangerous goods.

Use

- 6 The person responsible must only allow a person to use explosives if:
 - a the blasting complies with the requirements of the *Dangerous Goods Act 1998*;
 - b persons transporting, storing and firing explosives hold the appropriate authorities under the *Dangerous Goods Act 1998* and the *Security-Sensitive Dangerous Substances Act 2005*; and
 - c any other requirements specified in writing by the Secretary are met.

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- 7 The person responsible must only allow a person to use radioactive substances, as may be required to facilitate non-destructive testing if the transport, storage and use complies with the *Code of Practice for the Safe Use of Radiography Equipment 1989*.

Transport

- 8 The person responsible must only transport dangerous goods if the transportation is undertaken in accordance with the *Australian Dangerous Goods Code* and that vehicles used for that transportation are licensed for the transport of dangerous goods under the *Dangerous Goods Act 1998* and drivers hold a current Dangerous Goods Drivers Licence.

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ANNEX 1

LICENSING EXEMPTION LIMITS

PART 1 - CLASS 1 – EXPLOSIVES

1.	Combined amounts of blasting explosives and propellant powders	5kg
2.	Detonators	125 items
3.	Detonating cord	500 metres
4.	Fireworks - Type 2 and 3	25kg gross

PART 2 - CLASS 2 – COMPRESSED GASES AND CRYOGENIC LIQUIDS

1.	Class 2.1 flammable gases	0.50 kilolitres
2.	LPG for liquid decanting	0.08 kilolitres
3.	Class 2.2 non-flammable, non-toxic gases	2.00 kilolitres
4.	Class 2.3 poison gases	0.05 kilolitres

PART 3 - CLASS 3 – FLAMMABLE LIQUIDS

1.	Aggregate quantities of flammable liquids (including manufactured products) and diesel fuel, except for premises listed under item 2 or 3 below	1.00 kilolitres
2.	Manufactured products stored in shops, factories, warehouses, service stations, construction sites or on open land provided that storage is in closed packages	10.00 kilolitres
3.	Aggregate quantities of flammable liquids and diesel fuel stored outdoors on open land either above ground or in underground tanks being tanks that –	20.00 kilolitres
	(a) have not less than half their capacity below the surface of the ground; and	
	(b) are completely covered with not less than 600 millimetres of earth or approved material	
	Note 1: Definitions for "open land" and "manufactured product" are as in AS 1940.	
	Note 2: Measurements are in kilolitres of water capacity of tanks and packages.	

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LICENSING EXEMPTION LIMITS

PART 4 - OTHER DANGEROUS GOODS

1.	Class 4 – Flammable solids, substances liable to spontaneous combustion and substances which in contact with water emit flammable gases.	
	Packing or Packaging Group I substances	0.10 units
	Aggregate quantity of all Class 4 substances	1.00 units
2.	Class 5.1 – Oxidising Agents	
	Packing or Packaging Group I substances	0.10 units
	Aggregate quantity of all Class 5.1 substances (excluding ammonium nitrate)	1.00 units
	Ammonium nitrate	5.00 units
3.	Class 5.2 – Organic Peroxides	
	Aggregate quantity of all Class 5.2 substances	0.25 units
4.	Class 6.1 – Poisonous Substances	
	Packing or Packaging Group I substances	0.10 units
	Aggregate quantity of all Class 6.1 substances	1.00 units
5.	Class 8 – Corrosive Substances	
	Packing or Packaging Group I substances	0.10 units
	Aggregate quantity of all Class 8 substances	1.00 units
6.	Class 9 – Miscellaneous Dangerous Goods Aggregate quantity of all Class 9 substances	5.00 units
	Note: Units are in tonnes for solids and kilolitres for liquids and gases.	

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ANNEX 2

STORAGE STANDARDS

	Column 1	Column 2	Column 3
	Dangerous Goods	SAA Number	Title of Standard
1.	Explosives	AS 2187.1	SAA Explosives Code – Storage and Land Transport
2.	Explosives	AS 2188	Explosives – Relocatable Magazines for Storage
3.	Anhydrous ammonia	AS 2022	Anhydrous Ammonia Code
4.	Chlorine	AS 2927	Storage and Handling of Liquefied Chlorine Gas
5.	Class 3	AS 1940	The Storage and Handling of Flammable and Combustible Liquids
6.	Class 5.1	AS 4326	The Storage and Handling of Oxidising Agents
7.	Class 5.2	AS 2714	Storage and Handling of Hazardous Chemical Materials - Class 5.2 Substances
8.	Class 6.1	AS 4452	Storage and Handling of Toxic Substances
9.	Class 8	AS 3780	The Storage and Handling of Corrosive Substances
10.	Laboratory reagents	AS 2243.10	Safety in Laboratories – Storage of Chemicals
11.	Pesticides	AS 2507	Storage and Handling of Pesticides
12.	Polyfunctional Isocyanates	AS 4081	Storage, Handling and Transport of Liquid and Liquefied Polyfunctional Isocyanates

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ANNEX 3

TYPES OF ISOLATION REQUIRED FOR STORAGE OF MIXED CLASSES OF DANGEROUS GOODS

CLASS	2.1	2.2	3 PGI & PGII	3 PGIII	4.1	4.2	4.3	5.1	5.2	6.1	8	9
Class 2.1 flammable gas	NA	NA	FS	FS	FS	PR	FS	PR	PR	FS	FS	SG
Class 2.2 non-flammable compressed gas	NA	NA	SG	SG	SG	FS	SG	SG	FS	SG	SG	SG
Class 3 flammable liquid PGI & PGII	FS	SG	NA	NA	FS	FS	FS	PR	PR	FS	SG	SG
Class 3 flammable liquid PGIII	FS	SG	NA	NA	SG	FS	FS	PR	PR	FS	SG	SG
Class 4.1 flammable solid	FS	SG	FS	SG	NA	FS	FS	PR	PR	FS	SG	SG
Class 4.2 spontaneously combustible	PR	FS	FS	FS	FS	NA	FS	PR	PR	FS	SG	SG
Class 4.3 dangerous when wet	FS	SG	FS	FS	FS	FS	NA	PR	PR	FS	FS	SG
Class 5.1 oxidising agent	PR	SG	PR	PR	PR	PR	PR	NA	FS	FS	FS	FS
Class 5.2 organic peroxide	PR	FS	PR	PR	PR	PR	PR	FS	NA	PR	FS	FS
Class 6.1 poison	FS	SG	FS	FS	FS	FS	FS	FS	PR	NA	SG	SG
Class 8 corrosive	FS	SG	SG	SG	SG	SG	FS	FS	FS	SG	NA	SG
Class 9	SG	SG	SG	SG	SG	SG	SG	FS	FS	SG	SG	NA
NOTES: PG – Packing Group or Packaging Group; NA – Not applicable; SG – Segregation; FS – Fire Separation; PR – Prohibited												

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ANNEX 4

MINIMUM SEPARATION DISTANCES BETWEEN A ROOM OR SPACE WHERE MORE THAN ONE CLASS OF DANGEROUS GOODS IS KEPT AND OTHER OCCUPANCIES (METRES)

Aggregate quantity of dangerous goods (kilograms)	Buildings in which other dangerous goods are stored	Protected works	Boundary of adjoining property	Places of public assembly	Public street
1. Not more than 10 000	5	8	8	15	3
2. More than 10 000 but not more than 100 000	8	12	12	20	5
3. More than 100 000	15	15	15	30	8

SCHEDULE EI1

Permit, licence or approval taken to have been issued	A permit to commission or operate electrical generation equipment
Act pursuant to which the permit, licence or other approval is taken to have been issued in relation to the conditions contained in this schedule	<i>Electricity Industry Safety and Administration Act 1997</i>
Person, body or State Service Agency responsible for the enforcement of the conditions contained in this schedule	Regulator

Part 1 – Definitions

“**AS/NZS 3000**” means the *Australian/New Zealand Standard for electrical installations* (also known as the *Australian/New Zealand Wiring Rules*);

“**AS/NZS 4801**” means AS/NZS 4801:2001, *Occupational Health and Safety Management Systems – Specification and Guidance for Use*;

“**Electrical infrastructure**” means equipment, lines and wires for the generation, transmission or distribution of electricity and includes supporting and protective structures relating to such equipment, lines or wires;

“**Electrical installation**” means a set of wires and associated fittings, equipment and accessories that is, or is to be, connected to a system for the transmission or distribution of electricity;

“**Electrical Safety Management Scheme (ESMS)**” means an Electrical Safety Management Scheme prepared to a standard no less than AS/NZS 4801 and verified by an independent assessor. An ESMS must document to the satisfaction of the Regulator the following:

- a induction, information, supervision, education and training;
- b systematic risk assessment;
- c emergency plans and procedures;
- d safety management system;
- e consultation and giving of information; and
- f such other obligations as may be required by the Regulator.

“**Independent assessor**” means a person who has not participated in the preparation of the ESMS, has relevant qualifications and expertise and is approved by the Regulator;

“**Regulator**” means the Commissioner, within the meaning of the *Government Prices Oversight Act 1995*.

All other words have the same meaning as defined in the *Electricity Industry Safety and Administration Act 1997*.

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Part 2 – Condition

The person responsible is to commission or operate electrical generation equipment only in accordance with the following:

- 1 The person responsible must prepare an Electrical Safety Management Scheme (ESMS) that documents a comprehensive integrated system for managing safety of the electrical infrastructure and electrical installation and contains details of –
 - a the system's safety objectives; and
 - b the procedures by which the safety objectives are to be achieved; and
 - c the performance criteria that are to be met; and
 - d the way in which adherence to the performance criteria is to be maintained; and
 - e such other matters as may be required by the Regulator.
- 2 In preparing the ESMS, the person responsible must undertake a systematic risk assessment which must address the provisions contained in AS/NZS 4801 and in particular:
 - a as far as practicable, minimise the risk associated with the electrical infrastructure and electrical installation associated with the Pulp Mill by –
 - i eliminating or minimising hazards at the facility or location; and
 - ii implementing measures to minimise the likelihood of an incident or dangerous electrical related situation at the facility or location; and
 - b ensure the safety of the person responsible and other persons while the Pulp Mill is generating electricity, including, for example, by providing and maintaining a safe place of work including safe electrical distribution systems;
 - c document or be able to demonstrate the way the person responsible has complied with the obligations under paragraphs (a) and (b);
 - d provide appropriate induction, information, supervision, education and training to persons at the facility or location so that they may carry out their roles and duties safely.
- 3 An independent assessor has verified the ESMS prepared by the person responsible.
- 4 In identifying a hazard and assessing and controlling a risk, the person responsible must comply with the requirements of AS/NZS 3000 and consider any other relevant standard, rule, code or specification relating to the hazard.
- 5 The Regulator has approved the ESMS.
- 6 The ESMS in relation to the electrical generation equipment is implemented and maintained to the satisfaction of the Regulator.
- 7 The person responsible must review and update the ESMS before any modification is carried out on the generating or distribution infrastructure that would significantly alter the risk associated with the facility.

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- 8 The person responsible must, at appropriate times, in consultation with relevant employees, review and update the systematic risk assessment to, as far as practicable –
- a identify all hazards that may cause a dangerous electrical related situation at the facility; and
 - b assess the likelihood of a dangerous electrical related situation occurring at the facility and its effects if it does occur; and
- the Regulator is satisfied that the person responsible is updating the information in the risk assessment as often as necessary to keep persons informed about the hazards and the way to respond to a generating or distribution infrastructure emergency at the facility.

SCHEDULE GA1

Permit, licence or approval taken to have been issued	Permits and approvals to construct, commission, operate or use any complex gas installations and type B gas appliances
Act pursuant to which the permit, licence or other approval is taken to have been issued in relation to the conditions contained in this schedule	<i>Gas Act 2000</i>
Person, body or State Service Agency responsible for the enforcement of the conditions contained in this schedule	Director of Gas Safety.

Part 1 – Definitions

“Complex gas installation” means

- a any pipe or system of pipes for, or incidental to, the conveyance of gas and components or fittings associated with the pipe or pipes which are downstream from the gas supply point;
- b any appliance and associated components or fittings which are downstream from the gas supply point;
- c any means of ventilation or system for the removal of combustion products which is downstream from the supply point;

“Director” means the Director of Gas Safety, within the meaning of section 9 of the *Gas Act 2000*;

“Gas Safety Document” means any of the following documents;

- a A comprehensive integrated system for managing safety of the gas installation; or
- b A report concerning whether design, installation, testing and commissioning of a type B appliance meets the requirements of the *Gas Act 2000* and any relevant standard or code determined by the Director.

“Independent Certifier” of a Gas Safety Document means a person with relevant qualifications and expertise to assess gas safety installations and documents who has been approved by the Director but who has not been involved in the preparation of the Gas Safety Document or installation;

“Type B gas appliance” means any appliance that -

- a is not an appliance with safety certification; and
- b has a gas consumption rating in excess of 10 mega joules an hour; and

includes any components and fittings of an appliance that are down stream from, and including, the appliances manual shut off valve.

All other words have the same meaning as defined in the *Gas Act 2000*.

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Part 2 – Conditions

The person responsible is to construct, commission, operate or use any complex gas installations or type B gas appliances as part of the project only in accordance with the following:

Complex Gas Installation

- 1 If the person responsible intends to construct, commission, operate or use any complex gas installation associated with the project, the person responsible must provide the Director with a comprehensive integrated system for managing safety of the gas installation that contains details of:
 - a the system's safety objectives;
 - b the procedures by which the safety objectives are to be achieved;
 - c the performance criteria that are to be met;
 - d the way in which adherence to the performance criteria is to be maintained; and
 - e such other matters as may be required by the Director.
- 2 An independent certifier has certified the complex gas installation meets the requirements of the *Gas Act 2000*.
- 3 The Director has approved the complex gas installation.
- 4 The complex gas installation's safety management system must be implemented and maintained to the satisfaction of the Director.

Type B gas appliances

- 5 If the person responsible intends to install, commission or operate or use any type B gas appliance the person responsible must seek the approval of the Director in a manner determined by the Director.
- 6 An independent certifier has certified the installation, commissioning and maintenance of the type B gas appliance meets the requirements of the *Gas Act 2000* and any relevant standard or code determined by the Director.
- 7 The installation, commissioning and maintenance of the type B gas appliance must be to the satisfaction of the Director.