



TITLE

Form

Issue: Original

ID:24-19-A

Application to bring a new
hazardous chemical to site

Prior to bringing any hazardous chemical to a SHL location, check Chemwatch to determine if the chemical has already been assessed for use at that site. (The Site HazChem Coordinator can assist with this if you're unsure).

If it has not been assessed, complete Part 1 of this Application form and email the form to healthandsafety@snowyhydro.com.au. Approval must be obtained prior to procuring the chemical and bringing it to site.

Where a chemical has been assessed and approved, but you are **changing the approved uses**, or changing the **volume or quantity to placard or manifest quantities** (see table in appendix of this form), this form should also be used for **re-assessment**.

Part 1: To be completed by the Applicant (blue section only)

The Applicant completes Part 1 of the Application and sends this form (one for each new or changed hazardous substance) with attached Safety Data Sheet, to the Safety team (healthandsafety@snowyhydro.com.au)

Applicant's Name..... Date.....

Applicant's Phone Number

Applicant's email.....

Region/Site.....Project No. (if applicable).....

Specific location of chemical use?

.....

Proposed timing and duration of use (When & how long) ?

.....

General Information

Chemical Name:.....

SDS attached? Yes / No

Is this chemical currently used at an SHL site? Yes / No

(if not, the SDS will need to be uploaded to Chemwarch once approval has been granted)

State of product? (Solid, liquid, gas, aerosol).....

Quantity or volume to be brought onsite: ([Placard and Manifest Quantities](#))

.....

Bulk or packaged? (e.g One 5000L tank, or 10 x 206L drum)

.....

Information on proposed use (what for, how is it applied (e.g. aerosol, painted etc).....

.....

.....

Will the introduction or change of chemical impact an SHL asset? Yes / No

How will the material be kept/stored (use of bunding or flammable cabinets etc.)

.....

Will the chemical be stored with other chemicals? (Review segregation chart for incompatible goods)? ([Compatibility Chart](#)) Yes/ No

.....

How will surplus chemical be disposed of?.....

How will empty packaging be disposed?.....

Part 2: Functional Teams Assessment

Step 1- Safety Assessment

Once Safety Assessment is complete, send it to the relevant Site Environmental Advisor.

Safety Assessment

Dangerous Goods Yes/No ?

UN:..... PG:..... Subsidiary Risks:.....

Does the proposed volume or quantity being brought to site trigger Comcare Notification or a placard quantity? Yes /No

Storage and handling methods: Comments, or special conditions:.....

PPE Requirements:.....

Occ Hygiene Requirements Assessement.....

Assessed by..... Date

Step 2- Environment Assessment

Once the Environment Assessment is complete, this form will be returned to the Applicant who is to determine whether an Asset Change Mgt Assessment is required (Step 3) and also liaise with the Site Hazchem Coordinator (Step 4).

Note: Environmental Advisor to provide the completed copy of this form to the healthandsafety@snowyhydro.com.au for document control purposes. (SDS to be uploaded with completed form)

Environment Assessment

Storage methods and/or Locations: Comments, or special conditions:.....

Waste handling and disposal methods: Comments, or special conditions:.....

Other Comments/ Conditions/ Requirements:.....

Assessed by..... Date

Step 3- Asset Change Management Assessment

The Applicant is responsible for ensuring the relevant principles of QPog-78 Plant Control Change are applied to ensure the new chemical/s do not adversely impact SHL assets and other potential users are informed.

Step 4- Update Chemwatch (Site Hazchem Coordinator)

Chemicals can now be entered into Chemwatch, the Applicant is responsible for liaising with the Site Hazchem Coordinator including completion of the Chemical Risk Assessment.

Note: if this chemical is a dangerous good please notify the Asset and Dangerous Goods Officer.


























Placard and Manifest requirements under the Work Health and Safety Regulations

Column 1	Column 2	Column 3	Column 4	Column 5	ADG Code Classification
Item	Description of hazardous chemical		Placard quantity	Manifest quantity	
1	Flammable gases	Category 1	200 L	5 000 L	2.1
2	Gases under pressure	Acute toxicity, categories 1, 2, 3 or 4 Note 1—Category 4 only up to LC ₅₀ of 5000 ppmV	50 L	500 L	2.3 - Note 2
3		Skin corrosion categories 1A, 1B or 1C	50 L	500 L	2.3 - Note 2
4		Aerosols (including flammable aerosols)	5000 L	10 000 L	2.1 or 2.2
5		Not specified elsewhere in this table	1000 L	10 000 L	2.2
6	Flammable liquids	Category 1	50 L	500 L	3 (PG I)
7		Category 2	250 L	2500 L	3 (PG II)
8		Category 3	1000 L	10 000 L	3 (PG III)
9		Any mix of chemicals from Items 6 – 8 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 L	10 000 L	
10		Category 4	10 000 L	100 000 L	Note 3
11	Self-reactive substances	Type A	5 kg or L	50 kg or L	GTDTBT – Note 4
12		Type B	50 kg or L	500 kg or L	4.1 (Type B)
13		Type C-F	250 kg or L	2500 kg or L	4.1 (Type C-F)
14	Flammable solids	Category 1	250 kg	2500 kg	4.1 (PG II)
15		Category 2	1000 kg	10 000 kg	4.1 (PG III)
16		Any mix of chemicals from Items 12 - 15 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
17	Pyrophoric liquids and Pyrophoric solids	Category 1	50 kg or L	500 kg or L	4.2 (PG I)
18	Self heating substances and mixtures	Category 1	250 kg or L	2500 kg or L	4.2 (PG II)
19		Category 2	1000 kg or L	10 000 kg or L	4.2 (PG III)
20		Any mix of chemicals from Items 17 - 19 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
21	Substances which in contact with water emit flammable gas	Category 1	50 kg or L	500 kg or L	4.3 (PG I)
22		Category 2	250 kg or L	2500 kg or L	4.3 (PG II)
23		Category 3	1000 kg or L	10 000 kg or L	4.3 (PG III)
24		Any mix of chemicals from Items 21 - 23 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
25	Oxidising liquids and Oxidising solids	Category 1	50 kg or L	500 kg or L	5.1 (PG I)
26		Category 2	250 kg or L	2500 kg or L	5.1 (PG II)
27		Category 3	1000 kg or L	10 000 kg or L	5.1 (PG III)
28		Any mix of chemicals from Items 25 - 27 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
29	Organic peroxides	Type A	5 kg or L	50 kg or L	GTDTBT – Note 4
30		Type B	50 kg or L	500 kg or L	5.2 (Type B)
31		Type C-F	250 kg or L	2500 kg or L	5.2 (Type C-F)
32		Any mix of chemicals from Items 30 and 31 where none of the items exceeds the quantities in columns 4 or 5 on their own	250 kg or L	2500 kg or L	
33	Acute toxicity (Note 5)	Category 1	50 kg or L	500 kg or L	6.1 (PG I)
34		Category 2	250 kg or L	2500 kg or L	6.1 (PG II)
35		Category 3	1000 kg or L	10 000 kg or L	6.1 (PG III)
36		Any mix of chemicals from Items 33 - 35 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
37	Skin corrosion	Category 1A	50 kg or L	500 kg or L	8 (PG I)
38		Category 1B	250 kg or L	2500 kg or L	8 (PG II)
39		Category 1C	1000 kg or L	10 000 kg or L	8 (PG III)
40	Corrosive to metals	Category 1	1000 kg or L	10 000 kg or L	8 (PG III)
41		Any mix of chemicals from Items 37 - 40 where none of the items exceeds the quantities in columns 4 or 5 on their own	1000 kg or L	10 000 kg or L	
42	Unstable explosives		5 kg or L	50 kg or L	GTDTBT – Note 4
43		Any mix of chemicals from items 11, 29 and 42 where none of the items exceed the quantities in columns 4 or 5 on their own	5 kg or L	50 kg or L	GTDTBT – Note 4

NOTES:

- For item 2, gases under pressure with acute toxicity category 4 only applies up to a LC₅₀ of 5000 ppmV, which is equivalent to Div. 2.3 under the ADG code.
- Division 2.3 under the ADG Code includes gases and vapours as acutely toxic (categories 1, 2 and 3) and gases which are corrosive to skin (category 1).
- Only liquids with a flash point of up to 93°C are classified as flammable liquids under the WHS Regulations. C1 combustible liquids with flash points between 93°C and 150°C are not classified as flammable liquids under the GHS or WHS Regulations.
- GTDTBT = Goods too dangerous to be transported.
- For gases classified with Acute Toxicity, the placard and manifest quantities as defined under item 2, rather than items 33-36, should be used.

Dangerous Goods & Combustible Liquids Compatibility Chart

DANGEROUS GOODS & COMBUSTIBLE LIQUIDS STORAGE COMPATIBILITY CHART													
Class or Subsidiary Risk													
FLAMMABLE GASES		OK TO SHARE TOGETHER	OK TO SHARE TOGETHER	SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
NON TOXIC NON FLAMMABLE GASES		OK TO SHARE TOGETHER	OK TO SHARE TOGETHER	OK TO SHARE TOGETHER	OK TO SHARE TOGETHER	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
TOXIC GAS		SEGREGATE At least 3m	OK TO SHARE TOGETHER	MAY NOT BE COMPATIBLE CHECK MSDS AND NOTES	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
OXIDIZING GAS		SEGREGATE At least 3m	OK TO SHARE TOGETHER	SEGREGATE At least 3m	OK TO SHARE TOGETHER	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
FLAMMABLE LIQUIDS + COMBUSTIBLE LIQUIDS		SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	OK TO SHARE TOGETHER	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
FLAMMABLE SOLID		SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 3m	OK TO SHARE TOGETHER	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	MAY NOT BE COMPATIBLE CHECK MSDS AND NOTES
SPONTANEOUSLY COMBUSTIBLE		SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 3m	OK TO SHARE TOGETHER	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
DANGEROUS WHEN WET		SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	OK TO SHARE TOGETHER	SEGREGATE At least 5m	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
OXIDIZING AGENT		SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	MAY NOT BE COMPATIBLE CHECK MSDS AND NOTES	ISOLATE	SEGREGATE At least 3m	SEGREGATE At least 5m
ORGANIC PEROXIDE		ISOLATE	ISOLATE	ISOLATE	ISOLATE	ISOLATE	ISOLATE	ISOLATE	ISOLATE	ISOLATE	OK TO SHARE TOGETHER		SEGREGATE At least 5m
TOXIC SUBSTANCES		SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	ISOLATE	OK TO SHARE TOGETHER	SEGREGATE At least 5m
CORROSIVE		SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 5m	MAY NOT BE COMPATIBLE CHECK MSDS AND NOTES	SEGREGATE At least 3m	SEGREGATE At least 5m	SEGREGATE At least 5m	SEGREGATE At least 3m	SEGREGATE At least 5m	MAY NOT BE COMPATIBLE CHECK MSDS AND NOTES