

SYDNEY STREET PROJECTS

SWMS – ADG CODE COMPLIANT TRANSPORT OF DANGEROUS GOODS

Doc Ref: SSP-SWMS-012
Version: 1.0 | 14/05/2026

SWMS: ADG CODE COMPLIANT TRANSPORT OF DANGEROUS GOODS

This Safe Work Method Statement must be read, understood, and signed by all workers before work commences. It must remain on site and accessible at all times.

1.0 PROJECT & TASK DETAILS

Task / Activity	ADG Code Compliant Transport of Dangerous Goods	SWMS Reference	SSP-SWMS-012
Site Address		Date of Works	___ / ___ / ___
Supervisor on Site		Workers Consulted?	☐ Yes ☐ No – cannot proceed

2.0 HIGH-RISK WORK DECLARATION

☐ Transport of flammable liquids or gases (DG Class 2, 3)	☐ Transport of toxic substances (DG Class 6)
☐ Transport of batteries (DG Class 9)	☐ Work near traffic / road transport operations
☐ Transport of corrosive substances (DG Class 8)	☐ None of the above applicable

3.0 TASK CONTEXT & SCOPE

i About this SWMS: ADG Code Compliant Transport of Dangerous Goods

The Australian Dangerous Goods (ADG) Code sets legally binding requirements for the packaging, labelling, placarding, loading, and transport of dangerous goods by road. Non-compliance exposes the driver, vehicle operator, and SSP to significant penalties.

This SWMS applies to any SSP vehicle transporting items classified as dangerous goods, including: lithium batteries (Class 9), LPG cylinders (Class 2.1), oxidising pool chemicals (Class 5.1), corrosive cleaners and acids (Class 8), and flammable liquids including fuel and solvents (Class 3).

Not all DG transport requires accreditation – quantity thresholds and placard requirements vary by class. However, best practice is to treat all DG loads as requiring segregation, containment, and appropriate documentation regardless of quantity.

Key risks: fire or explosion from incompatible items, toxic fume release in enclosed vehicle, spill or leak in transit, vehicle accident involving DG load.

4.0 PERSONAL PROTECTIVE EQUIPMENT

i Minimum PPE for all SSP tasks

High-visibility vest/shirt, steel-capped safety boots, and disposable gloves are mandatory for ALL SSP field activities regardless of task type.

- ☐ High-visibility vest (mandatory)
- ☐ Steel-capped safety boots (mandatory)

- ☐ P2 respirator (if fume risk during loading)

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☐ Chemical-resistant gloves
(loading/unloading)

☐ Safety glasses

☐ Fire-resistant gloves (for hot or
damaged items)

☐ Emergency response guide carried
in vehicle cab

5.0 PLANT, EQUIPMENT & MATERIALS

Item / Equipment	Pre-Use Check Required	Condition Notes
ADG placard kit (vehicle placards if required)	☐ Yes ☐ No	
Dangerous goods transport documentation	☐ Yes ☐ No	
Spill kit (carried in vehicle at all times)	☐ Yes ☐ No	
Fire extinguisher – CO2 or dry chemical (vehicle mounted)	☐ Yes ☐ No	
Secondary containment trays / bunding for liquids	☐ Yes ☐ No	
Load securing straps / ratchet ties	☐ Yes ☐ No	
Cylinder securing cradles	☐ Yes ☐ No	
Emergency Response Guide (ERG) in vehicle	☐ Yes ☐ No	

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6.0 RISK RATING REFERENCE

Risk Rating Reference

Consequence ↓ Likelihood →	Rare (1)	Unlikely (2)	Possible (3)	Likely (4)	Almost Certain (5)
Catastrophic (5)	5 MED	10 HIGH	15 HIGH	20 EXT	25 EXT
Major (4)	4 LOW	8 MED	12 HIGH	16 EXT	20 EXT
Moderate (3)	3 LOW	6 MED	9 MED	12 HIGH	15 HIGH
Minor (2)	2 LOW	4 LOW	6 MED	8 MED	10 HIGH
Insignificant (1)	1 LOW	2 LOW	3 LOW	4 LOW	5 MED

EXT Stop & escalate **HIGH** Senior review before proceeding **MED** Monitor **LOW** Routine controls

7.0 TASK STEPS, HAZARDS & CONTROL MEASURES

i Hierarchy of Controls – apply in order

1. ELIMINATE
2. SUBSTITUTE
3. ISOLATE

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4. ENGINEERING CONTROLS

5. ADMINISTRATIVE CONTROLS

6. PPE (last resort)

Think: Identify DG items → Confirm packaging integrity → Segregate incompatible classes → Secure load → Check placard requirements → Complete transport documentation → Safe delivery to licensed facility.

#	Task Step	Hazards & Risks	Control Measures (Hierarchy of Controls)	Initial Risk	Residual Risk	Person Responsible

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#	Task Step	Hazards & Risks	Control Measures (Hierarchy of Controls)	Initial Risk	Residual Risk	Person Responsible

(Add continuation sheets as required – reference this SWMS number on all sheets)

8.0 ENVIRONMENTAL CONTROLS

- | | |
|--|--|
| <ul style="list-style-type: none">☐ Incompatible DG classes segregated per ADG Code Table☐ All containers sealed and packaging integrity confirmed before loading☐ Liquid DG in secondary containment to prevent spill contamination☐ Vehicle ventilated during transport of flammable or toxic gases | <ul style="list-style-type: none">☐ Spill kit immediately accessible from outside vehicle☐ Transport documentation completed and carried in vehicle☐ Route planned to avoid tunnels or restricted roads if required☐ Delivery receipts obtained from licensed facility☐ Any spill in transit reported to EPA hotline: 131 555 |
|--|--|

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- ☐ Vehicle not left unattended with DG load in high-traffic or public areas

9.0 EMERGENCY PROCEDURES

First Aid Officer

Name:

Phone:

Nearest Hospital

EMERGENCY: 000

FIRE	Evacuate. Call 000. Muster at: _____. Do not re-enter.
INJURY	Administer first aid. Call 000 if required. Do not move injured person unless in immediate danger. Complete incident report.
CHEMICAL SPILL	Contain if safe. Prevent drain entry. Reference SDS. Do not wash to drain. Call 000 if required.
VEHICLE ACCIDENT WITH DG LOAD	Ensure personal safety first. Call 000. Warn other road users. Provide emergency services with transport documentation. Do not attempt to unload DG without specialist direction. Notify SSP manager immediately.

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DG SPILL IN TRANSIT

Pull over safely. Assess safety. Contain spill if safe using spill kit. Prevent runoff to stormwater. Call 000 if required. Call EPA hotline: 131 555. Do not wash spill to drain.

FIRE IN VEHICLE (DG LOAD)

Exit vehicle immediately. Call 000. Move at least 300m away. Do not attempt to retrieve DG load. Provide emergency services with manifest / transport documents.

10.0 MONITORING & REVIEW

i When must this SWMS be reviewed?

Stop work and review immediately if:

1. An incident or near-miss occurs
2. Site conditions change
3. New hazards are identified
4. A worker requests a review
5. Work methods change from what is described here.

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11.0 WORKER SIGN-ON

i All workers must sign before starting

By signing, each worker confirms they have READ this SWMS in full, UNDERSTOOD all hazards and controls and AGREE to work in accordance with it. Workers who have not signed may not commence work.

Full Name (print)	Signature	Role	Date

This document is the property of Sydney Street Projects.

Reference: SSP-SWMS-012 | Retain for minimum 5 years.

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