

## DANGEROUS GOODS TRANSPORT STOWAGE, PLACARD AND LICENCE REQUIREMENTS

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### 1. PURPOSE

The purpose of this guide is to provide direction and awareness of the requirements that need to be met when transporting Dangerous Goods.

### 2. SCOPE

This Guide applies to all Dangerous Goods transportation, including 'Hot Gas' units and small local deliveries. These requirements are applicable in **all states** under Dangerous Goods Legislation and the ADG Code.

### 3. DEFINITIONS

The ADG Code defines the aggregate quantity of Class 2 Dangerous Goods (except aerosols) as the total **capacity** in Litres of the load, regardless if the receptacles are empty, partially full, or full.

### 4. RESPONSIBILITIES

All persons loading and operating vehicles with Dangerous Goods on board are responsible for adherence with these legal requirements.

### 5. REQUIREMENTS

STOWAGE	PLACARDING	DG LICENCE
<p>When Dangerous Goods are transported in an open transport vehicle:</p> <ul style="list-style-type: none"> <li>• The items must be stowed and restrained within rigid sides or gates</li> <li>• No Dangerous Goods may protrude above the sides or gates by more than 30% of the height of the package</li> <li>• No parts of the package of the packages may protrude horizontally past the sides or gate</li> </ul> <p>The following applies to Class 2 Dangerous Goods secured in gas industry cylinder pallets (stillages):</p> <ul style="list-style-type: none"> <li>• The cylinders must be secured within the frame of the stillage</li> </ul>	<p>Dangerous Goods are considered a Placard Load if it comprises:</p> <ul style="list-style-type: none"> <li>• Dangerous Goods in a receptacle with a capacity of more than 500 Litres</li> <li>• More than 500kg of DG in a receptacle</li> <li>• <b>The load comprises an aggregate quantity of dangerous goods of 250kg and/or litres or more and those goods include:</b> <ul style="list-style-type: none"> <li>○ Dangerous Goods of Div. 2.1 that are not aerosols; or</li> <li>○ Dangerous Goods of Div. 2.3; or</li> <li>○ Dangerous Goods of PG I; or</li> <li>○ <b>The load comprises an aggregate quantity of Dangerous Goods of 1000kg and/or Litres or more</b></li> </ul> </li> </ul>	<p>Is required when transporting <b>any receptacle with a capacity of more than 500 Litres or which contains more than 500kg</b> of Dangerous Goods</p> <p>The exemption is when intermediate bulk containers (IBCs) with a total capacity of 3,000 Litres are being transported, as long as they are not filled or emptied on the vehicle.</p>

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<ul style="list-style-type: none"> <li>• Not more than 45% of the height of the cylinders may protrude above the stillage rail</li> <li>• The stillages must be stowed and restrained according to the load restraint guide</li> </ul> <p>If Dangerous Goods are stowed on a pallet, the pallet must be of sound construction and free from projections</p> <p><b>Dangerous Goods of Div. 2.1 or 2.3 must not be transported unless the unit or compartment in which they are loaded is ventilated to prevent vapours building up</b></p> <p>Dangerous Goods must be stowed and restrained in the transport vehicle in accordance with the Load Restraint Guide, or in a manner which provides at least the equivalent levels of safety and security</p>	<p>Placards must be affixed to the exterior of transport units that contain a placard load and to placardable units to provide a warning of content.</p>	

**6. REFERENCES**

- ADG Code 7<sup>th</sup> edition (2011)
- SA Dangerous Substances (Dangerous Goods Transport) Regulations 2008
- SafeWork SA – Transport of Dangerous Goods by Road
- Victoria Dangerous Goods (Transport by Road or Rail) Regulations 2008
- NSW Dangerous Goods (Road and Rail Transport) Regulations 2009
- WA Dangerous Goods Safety (Road and Rail Transport of Non-Explosives) Regulations 2007
- QLD Transport Operations (Road Use Management – Dangerous Goods) Regulations 2008
- Dangerous Goods Transportation Guide Queensland

**7. REVIEW**

Revision	Page	Description	Authorised Person