

## 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>• The load comprises an aggregate quantity of dangerous goods of 250kg and/or litres or more and those goods include:               <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>○ The load comprises an aggregate quantity of Dangerous Goods of 1000kg and/or Litres or more</li> </ul> </li> </ul> <p>Placards must be affixed to the exterior of transport units that</p>	<p>Is required when transporting any receptacle with a capacity of more than 500 Litres or which contains more than 500kg 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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STOWAGE	PLACARDING	DG LICENCE
<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>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</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>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