

SAFETY ALERT

Safe transporting of flammable gas cylinders

Transportation

Ventilation is the key to reducing the risk of fire, explosion and/or asphyxiation when transporting gas cylinders. Never carry loose gas cylinders or place gas cylinders in the cabin of the vehicle.

Transporting cylinders in a utility or box trailer:

- Transport cylinders in the upright position.
- Restrain cylinders by lashing them to the vehicle using webbing straps or containing them in a purpose-built frame.
- If transporting cylinders against a headboard:
 - The total weight of the cylinders should not exceed 250kg
 - Apply at least two horizontal webbing straps.
- Webbing straps must be at least 38mm wide with a min lashing capacity of 100kg.
- Do not use the following for restraining cylinders; Elastic straps, rope, duct tape.

Transporting cylinders in a van:

- Flammable gases may be carried in closed compartments separated from the driver provided there is sufficient ventilation to prevent the build-up of a dangerous atmosphere. In Australia, curtain sided vehicle are deemed to be closed compartments.

Checks:

When transporting flammable gas cylinders the following actions are required:

- Cylinder valves are tightly closed;
- The regulator, hoses and torch are disconnected;
- Cylinders are secured in an upright position;
- Cylinders cannot be struck by other object (such as loose tools or other materials) during transport;
- There is no leakage around the main valve area (test with detector or soapy water);
- Carry a dry powder fire extinguisher.



Example of correct positioning and restraining of gas cylinders.



DO NOT carry loose gas cylinders in the rear of vehicles.