

SECTION 8 CYLINDER FILLING INSTALLATIONS — AUSTRALIA

8.1 SCOPE OF SECTION

This Section provides requirements for the filling of cylinders of LP Gas within Australia.

Excluded from this Section are in situ filling installations (see Section 4) and on-vehicle automotive refuelling (see Section 10).

8.2 GENERAL REQUIREMENTS

8.2.1 Filling by mass

Where cylinders are to be filled by mass, this shall be by pumping at a cylinder filling area in accordance with Clause 8.3, except as permitted by Clauses 8.2.2 and 11.12.

When filling by pumping, the pumping rate shall be appropriate to the cylinder size, in order to minimize the risk of overfilling.

NOTE: In situ cylinders are not to be filled by mass.

8.2.2 Filling by volume

Where cylinders are to be filled by volume, the appropriate method shall be used, as set out below:

- (a) Decanting shall be limited to cylinders that are fitted with an appropriate fixed liquid level gauge, incorporating a vapour release mechanism.
- (b) Pump filling is limited to—
 - (i) cylinders that are fitted with an appropriate automatic fill limiting device; or
 - (ii) cylinders that are for automotive purposes (e.g. fork-lift trucks); or
 - (iii) cylinders that have a water capacity greater than 100 L and are fitted with a fixed liquid level gauge.
- (c) Where in situ cylinders are being initially filled prior to installation, care shall be taken to fill to less than the ullage limit.

When filling by pumping, the pumping rate shall be appropriate to the cylinder size, in order to reduce the risk of overfilling.

8.2.3 Suitability of gas supply

A tank or cylinder that supplies propane/butane blends as fuel for an engine or liquid phase burner shall not be used to fill cylinders for other applications.

8.3 CYLINDER FILLING AREA

8.3.1 Location of filling point

Where cylinders are filled by a means other than decanting, the cylinder filling point and the edge of the cylinder filling area shall be at least—

- (a) 6 m from any protected place; and
- (b) 3 m from any public place, boundary, drain, pit, basement or above-ground LP Gas storage tank.