

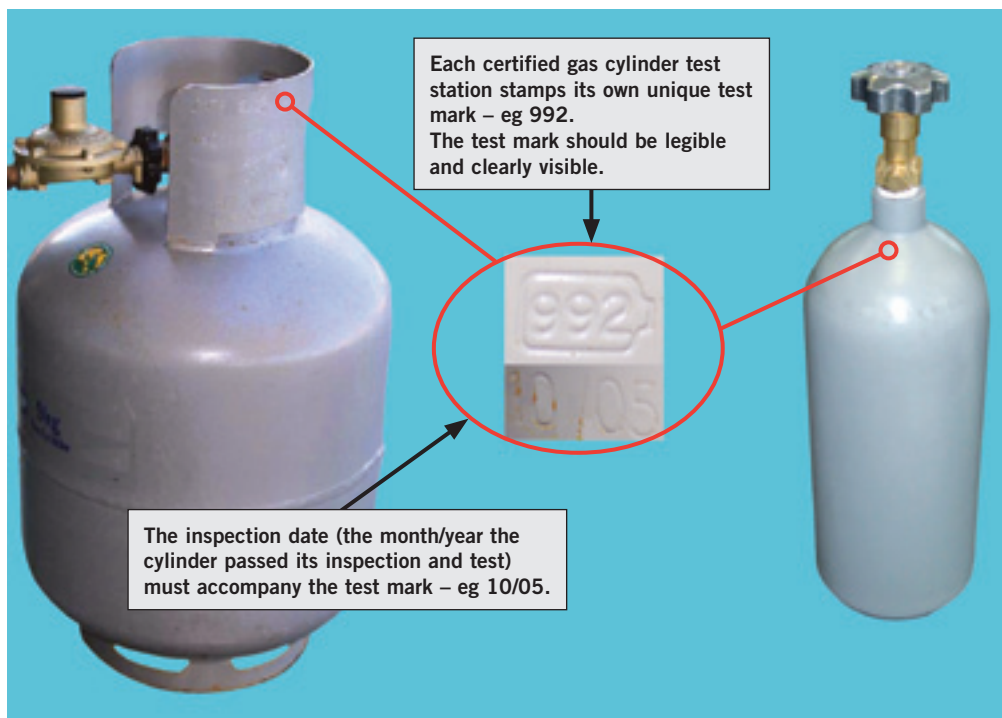
FACT SHEET

FILLING OF REFILLABLE GAS CYLINDERS

Refillable gas cylinders, such as liquid petroleum gas (LPG) cylinders for barbecues or carbon dioxide (CO₂) cylinders for home brewing, must only be filled if they have a current, legible test mark of a certified gas cylinder test station.

The test mark indicates that the cylinder has been designed, design-registered, inspected, tested and can be legally filled or refilled in accordance with Australian Standard (AS) 2030.

GAS CYLINDER TEST STATION MARK



The test mark is only current if the periodic inspection interval since the most recent inspection date has not been exceeded. Periodic inspection intervals for retesting different cylinder types are listed in AS 2030.5. Examples of periodic inspection intervals are:

- SCUBA cylinders – one year
- steel cylinders without residual pressure valves, filled with CO₂ – five years
- aluminium cylinders filled with CO₂ – 10 years
- welded cylinders less than 100 kg water capacity filled with LPG (typically connected to barbecues) – 10 years.

WHAT GAS FILLING STATIONS SHOULD DO

As a gas cylinder filling station is a place of work under the *Occupational Health and Safety Act 2000*, employers must comply with certain requirements.

Gas cylinder filling stations must only fill gas cylinders that have a current, legible test mark of a certified gas cylinder test station. They must also ensure that the cylinder complies with AS 2030 requirements prior to each filling. If a gas filling station, as part of a cylinder exchange, accepts any cylinder that is not appropriately marked, they will have to either:

- ensure the cylinder is inspected and test station-marked in accordance with AS 2030 before filling or refilling, or
- dispose of the cylinder in accordance with AS 2337.1.

WHAT YOU SHOULD DO WHEN PURCHASING A NEW OR USED REFILLABLE CYLINDER

Ask the retailer to show you the current, legible test mark and confirm that the cylinder they are selling can be legally filled in NSW.

If there is no current legible test mark, the cylinder may not be safe to fill and without the test mark cannot be legally filled in NSW.

If you decide to purchase a cylinder without a current, legible test mark, the cylinder will need to be inspected by a certified gas cylinder test station and stamped with a test mark prior to filling. As part of the inspection process the test station will require a statutory (WorkCover) design registration number and a copy of the cylinder's documentation as specified in AS 2337.1. The test station may charge a fee for inspection and stamping.

WHAT CYLINDER OWNERS SHOULD DO

If you already own a cylinder that does not bear a current, legible test mark, the cylinder will need to be inspected by a certified gas cylinder test station and stamped with a test mark prior to filling. As part of the inspection process the test station will require a statutory (WorkCover) design registration number and a copy of the cylinder's documentation as specified in AS 2337.1. The test station may charge a fee for inspection and stamping.

Until the cylinder is inspected and stamped, do not fill or refill it.

CYLINDER STANDARDS

AS 2030.1 – which is mandated in the *Occupational Health and Safety Regulation 2001* – specifies that gas cylinders must be designed and manufactured to either:

- Australian Standards (AS)
- national and supranational standards issued by ISO, CEN, TC or DOT, or
- national standards that apply to the manufacture of cylinders in the country of origin and contain equivalent requirements to AS, ISO, CEN, TC or DOT standards.

FURTHER INFORMATION

For specific advice, contact WorkCover on **13 10 50**.

For general information, refer to:

- *Occupational Health and Safety Regulation 2001* clauses 83, 94 and 140(2)
- Standards Australia *MP48 Certificated gas cylinder test stations*, which provides a list of certified gas cylinder test stations
- Australian Standard AS 2030 – *Gas cylinders*:
 - Part 1: *General requirements*
 - Part 2: *Cylinders for dissolved acetylene*
 - Part 4: *Welded cylinders – insulated*
 - Part 5: *Filling, inspection, and testing of refillable cylinders*
- Australian Standard AS 2337 – *Gas cylinder test stations*:
 - Part 1: *General requirements, inspection and tests – Gas cylinders*.

Disclaimer

This publication may contain occupational health and safety and workers compensation information. It may include some of your obligations under the various legislations that WorkCover NSW administers. To ensure you comply with your legal obligations you must refer to the appropriate legislation.

Information on the latest laws can be checked by visiting the NSW legislation website (www.legislation.nsw.gov.au) or by contacting the free hotline service on 02 9321 3333.

This publication does not represent a comprehensive statement of the law as it applies to particular problems or to individuals or as a substitute for legal advice. You should seek independent legal advice if you need assistance on the application of the law to your situation.

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WorkCover NSW 92-100 Donnison Street Gosford NSW 2250
Locked Bag 2906 Lisarow NSW 2252 WorkCover Assistance Service **13 10 50**
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