

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 2613—2005
Safety devices for gas cylinders

REVISED TEXT

The 2005 edition of AS 2613 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to Clauses 1.2, 3.2.8, 4.2 (d) and (e), and Appendix E.

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Page 4 Clause 1.2

Add the following to the referenced documents list:

- | | |
|--------|--|
| 2337 | Gas cylinder test stations |
| 2337.1 | Part 1: General requirements, inspection and tests—Gas cylinders |
| ISO | |
| 13341 | Transportable gas cylinders—Fitting of valves to gas cylinders |

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Page 11 New Clause 3.2.8

Add a new Clause as follows:

3.2.8 Fitting of safety devices to cylinders

Design and construction of safety devices shall ensure that fitting of a device to the cylinder in normal condition and in accordance with the instructions of the manufacturer does not affect its performance.

The installation conditions shall be nominated by the manufacturer (e.g. sealing method, insertion torque or length of thread engagement). Pressure relief valves for LP Gas service fitted with taper threads shall be type tested according to the conditions in Paragraph E2(b).

When a safety device is integral with a cylinder valve, it shall be ensured that fitting of the valve to the cylinder in accordance with the instructions of the cylinder valve manufacturer does not affect the performance of the safety device.

NOTES:

- 1 AS 2337.1 and ISO 13341 provide guidance for the insertion of valves and fittings to gas cylinders.
- 2 Care should be taken in interpreting taper thread specifications as these may differ significantly, e.g. in taper angle, pitch, reference plane location, gauging tolerances, total number of threads including permissible runout or imperfect threads at the large end of the male threads.

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Page 12 Clause 4.2 (d)

Delete '(LP Gas only)'.

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Page 12 Clause 4.2 (e)

Delete the existing item.

Page 22 Appendix E, Paragraph E2

Add the following to Item (b):

For pressure relief valves for LP Gas service that are fitted with taper threaded connections, the device shall be inserted into the test fixture either with a torque 50% in excess of that nominated by the manufacturer, or so as to obtain a minimum of three full threads engagement beyond hand tight insertion, whichever is the most stringent condition.
