

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 2473.2:2015
Valves for compressed gas cylinders
Part 2: Outlet connections (threaded) and stem (inlet) threads

REVISED TEXT

The 2015 edition of AS 2473.2 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Preface, Clause 2.1, Tables 2.1 and 2.2, and Figure 2.12 (new).

Published on 1 October 2020.

Preface

Add the following after the first paragraph:

If a Standard is referenced in legislation, the legislative instrument or regulation specifies when the Standard or Amendment comes into effect. Regulatory Authorities have indicated 6 months, following the date of publication, as an appropriate transition period for this amendment.

The changes in this amendment introduce a Type 27 outlet to replace the Type 21 (POL) outlet for cylinders less than 25 L water capacity as new cylinders are introduced or existing cylinders are retested. The Type 27 outlet includes additional safety features including a right-hand thread, no gas flow possible until a mating fitting is connected and a thermal fuse which shuts off the gas flow in a fire.

Clause 2.1

Sixth paragraph, *delete* “Figures 2.1 to 2.28” and *replace* with “Figures 2.1 to 2.29”.

Table 2.1

Add the following after Connection Type No. 26:

27	1.312-5 ACME-2G-RH-EXT and 0.885-14 UNS-LH-INT (MOD)	3450	34.5
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Table 2.2

1 *Delete* 14th, 15th and 16th rows (Butadiene, Butane and Butylene) and *replace* with the following:

Butadiene	1010	Up to 3 450 kPa (34.5 bar)	20	G5/8 LH INT	41	G3/8 LH EXT (bullnose nipple) (Note 3)	Std
			21	0.885-14 NGO LH INT (Note 9)			
Butane	1011	Up to 3 450 kPa (34.5 bar)	20	G5/8 LH INT	41	G3/8 LH EXT (bullnose nipple) (Note 3)	Std
			21	0.885-14 NGO LH INT (Note 9)			
Butylene	1012	Up to 3 450 kPa (34.5 bar)	20	G5/8 LH INT	41	G3/8 LH EXT (bullnose nipple) (Note 3)	Std
			21	0.885-14 NGO LH INT (Note 9)			

2 *Delete* 79th and 80th rows (Isobutane and Isobutylene) and *replace* with the following:

Isobutane	1969	Up to 3 450 kPa (34.5 bar)	20	G5/8 LH INT	41	G3/8 LH EXT (bullnose nipple) (Note 3)	Std
			21	0.885-14 NGO LH INT (Note 9)			
Isobutylene	1055	Up to 3 450 kPa (34.5 bar)	20	G5/8 LH INT	41	G3/8 LH EXT (bullnose nipple) (Note 3)	Std
			21	0.885-14 NGO LH INT (Note 9)			