

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 4628—2005
Pressure and temperature limit devices for use with gas burners

REVISED TEXT

The 2005 edition of AS 4628 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 2.1.5, 2.4.1, 2.5.1 and Appendices C and D (new).

Published on 21 December 2016.

AMDT
No. 1
DEC
2016

Clause 2.1.5

Delete ‘(Refer to AS 1056.1.)’ and *replace* with ‘(Refer to AS 2345.)’.

AMDT
No. 1
DEC
2016

Clause 2.4.1

- 1 Item (c), *delete* ‘Month and year’ and *replace* with ‘Date’.
- 2 *Delete* Item (d) and *replace* with the following:
 - (d) Rated working pressure marked in accordance with Appendix D.

AMDT
No. 1
DEC
2016

Clause 2.5.1

Delete Items (b) and (c) and *replace* with the following:

- (b) Rated working pressure as applicable.
- (c) Rated working temperature as applicable.

AMDT
No. 1
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2016

Appendix C

Delete existing text and *replace* with the following:

AS

- | | |
|------|--|
| 2136 | Method for detecting the susceptibility of copper and its alloys to stress corrosion cracking using the mercurous nitrate test |
| 2345 | Dezincification resistance of copper alloys |
| 4632 | Over-pressure and under-pressure cut off devices |

Appendix D (new)

After Appendix C, *add* new Appendix D as follows:

APPENDIX D
UNITS OF PRESSURE MEASUREMENT
(Normative)

The rated working pressure unit of measurement shall be assessed in kilopascals (kPa).

The rated working pressure shall be marked in one of the following units of measurement—

- (a) kilopascals;
- (b) millibars;
- (c) pounds per square inch; or
- (d) inches water gauge.

NOTE: SI prefixes specifying numerical value can be applied as appropriate, e.g. bars or Pascals (pa).

Where possible, the kilopascal (kPa) is the preferred unit of measurement for product marking.

The above units of measurement shall be converted to kilopascals in accordance with Table D1.

All measurements performed during assessment in Appendix B shall be made and reported in kilopascals (kPa). Table D1 gives the conversion factors for those markings requiring conversion to kilopascals.

TABLE D1
CONVERSION FACTORS

Multiply	By	To give
Pressure		
Millibar (mbar)	0.1	Kilopascals (kPa)
Pounds per square inch (lb/in ²) (psi)	6.895	Kilopascals (kPa)
Inches water gauge (in.WG) at 15°C	0.2488	Kilopascals (kPa)