STANDARDS AUSTRALIA

# Amendment No. 1
# to
# AS 4620—2004
# Thermoelectric flame safeguards

**REVISED TEXT**

The 2004 edition of AS 4620 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 1.1, 2.4.1, 2.5.1 and Appendices C and D (new).

Published on 21 December 2016.

AMDT No. 1 DEC 2016

## Clause 1.1

*Delete* the fourth paragraph and *replace* with the following:

Requirements for combination controls are published in AS 4624 and for electronic flame safeguards are published in AS 4625.

AMDT No. 1 DEC 2016

## Clause 2.4.1

1 Item (c), *delete* the text '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

Item (b), *delete* 'in kPa'.

AMDT No. 1 DEC 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 |
| 4624 | Combination controls for gas |
| 4625 | Electronic flame safeguards and flame detectors |

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AMDT
No. 1
DEC
2016

**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) |

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