

Australian/New Zealand Standard™

**Hose and hose assemblies for liquefied
petroleum gases (LP Gas), natural gas
and town gas**



AS/NZS 1869:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee AG-013, Components used for Gas Appliances and Equipment. It was approved on behalf of the Council of Standards Australia on 3 February 2012 and on behalf of the Council of Standards New Zealand on 10 February 2012. This Standard was published on 28 February 2012.

The following are represented on Committee AG-013:

Appliance and Component Testing
Association of Accredited Certification Bodies
Engineers Australia
Gas Appliance Manufacturers Association of Australia
Gas Appliance Manufacturers Association of Australia
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This Standard was issued in draft form for comment as DR AS/NZS 1869.

AS/NZS 1869:2012

Australian/New Zealand Standard™

Hose and hose assemblies for liquefied petroleum gases (LP Gas), natural gas and town gas

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee AG-013, Components used for Gas Appliances and Equipment, to supersede AS 1869—1996, *Hose and hose assemblies for liquefied petroleum gases (LP Gas), natural gas and town gas*.

The objective of this Standard is to ensure performance, safety, durability and fitness for purpose of hose and hose assemblies in the gas industry.

The principal changes from the 1996 edition are as follows:

- (a) Re-assessment of the allowable levels of extractable material in each class of hose.
- (b) The introduction of a new method of test for hose extractables for most of the high pressure hose and hose assemblies.
- (c) A guide on pre-conditioning of hoses to lower the amount of residue that will be extracted in service.
- (d) An increase in the upper temperature for the high temperature Accelerated Ageing method of test.
- (e) The addition of a new class of hose.
- (f) The increase in working pressure limit for low pressure hoses.
- (g) The need for a new very high pressure, high temperature hose for automotive liquid injection systems. Refer to Appendix X.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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