

AS/NZS 1869:1996

Australian/New Zealand Standard®

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

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee RU/1, Industrial Hose. It was approved on behalf of the Council of Standards Australia on 16 September 1996 and on behalf of the Council of Standards New Zealand on 19 August 1996. It was published on 5 December 1996.

The following interests are represented on Committee RU/1:

Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Institute of Petroleum
Department of Mineral Resources, N.S.W.
Gas Association of New Zealand
Industrial Research, New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee RU/1 on Industrial Hose to supersede AS 1869—1991, *Hose and hose assemblies for liquefied petroleum gases (LPG), 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 1991 edition are as follows:

- (a) Table 1.2 includes values for dynamic bend radius.
- (b) Appendix E has been altered to provide for testing of hoses of different materials and construction.
- (c) Adhesion properties are also tested after the same hose is first subjected to the test for permeability in Appendix H.
- (d) The method for determining permeability of hose has been clarified.

A weathering resistance requirement was considered desirable, but in the absence of a suitable method of test, a requirement for weathering resistance has not been included.

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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