Australian/New Zealand Standard™

Gas welding equipment — Rubber hoses for welding, cutting and allied processes





AS/NZS 1335:2020

WorkSafe Victoria

This Joint Australian/New Zealand Standard[™] was prepared by Joint Technical Committee ME-002, Gas Cylinders. It was approved on behalf of the Council of Standards Australia on 22 April 2020 and by the New Zealand Standards Approval Board on 6 May 2020.

This Standard was published on 15 May 2020.

The following are represented on Committee ME-002:

Australasian Fire and Emergency Service Authorities Council Australia New Zealand Industrial Gas Association Australian Chamber of Commerce and Industry Engineers Australia Environmental Protection Authority (New Zealand) Fire Protection Association Australia Gas Energy Australia Gas Technical Regulators Committee International Accreditation New Zealand National Association of Testing Authorities, Australia SafeWork SA Australian Gas Association Weld Australia WorkSafe New Zealand

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Originated as AS 1335—1974. Previous edition 1995. Jointly revised and redesignated as AS/NZS 1335:2020.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-002, Gas Cylinders to supersede AS 1335—1995 Hose and hose assemblies for welding, cutting and allied processes.

The objective of this Standard is to specify requirements for rubber hoses (including twin hoses) for welding, cutting and allied processes.

This document specifies requirements for rubber hoses for normal duty of 2 MPa (20 bar) and light duty [limited to hoses for maximum working pressure of 1 MPa (10 bar) and with bore up to and including 6.3 mm].

This document applies to hoses operated at temperatures –20 °C to +60 °C and used in the following:

- (a) Gas welding and cutting.
- (b) Arc welding under the protection of an inert or active gas.
- (c) Processes allied to welding and cutting, in particular, heating, brazing, and metallization.

This document does not specify requirements for hose assemblies.

This document applies neither to thermoplastics hoses nor to hoses used for high pressure [>0.15 MPa (>1.5 bar)] acetylene.

This Standard is identical with, and has been reproduced from, ISO 3821:2019, *Gas welding equipment* — *Rubber hoses for welding, cutting and allied processes*.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

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The terms "normative" and "informative" are used in Standards to define the application of the appendices or annexes to which they apply. A "normative" appendix or annex is an integral part of a Standard, whereas an "informative" appendix or annex is only for information and guidance.

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