



Gaseous hydrogen — Fuelling stations

Part 3: Valves (ISO 19880-3:2018, MOD)



AS 19880.3:2020

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- Australia New Zealand Industrial Gas Association
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- Australian Gas Association
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Preface

This Standard was prepared by the Standards Australia Committee ME-093, Hydrogen Technologies.

The objective of this document is to provide the requirements and test methods for the safety performance of high pressure gas valves that are used in gaseous hydrogen stations of up to the H70 designation.

This document covers the following gas valves:

- (a) Check valve.
- (b) Excess flow valve.
- (c) Flow control valve.
- (d) Hose breakaway device.
- (e) Manual valve.
- (f) Pressure safety valve.
- (g) Shut-off valve.

This document is an adoption with national modifications, and has been reproduced from ISO 19880-3:2018, *Gaseous hydrogen — Fuelling stations — Part 3: Valves*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to ISO 19880-3:2018 for the application of this document in Australia.

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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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