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AS ISO 16003—2010
ISO 16003:2008
Reconfirmed 2023

AS ISO 16003—2010

Australian Standard®

Components for fire extinguishing systems using gas—Requirements and test methods—Container valve assemblies and their actuators; selector valves and their actuators; nozzles; flexible and rigid connectors; and check valves and non-return valves

STANDARDS
Australia

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This Australian Standard® was prepared by Committee FP-011, Special Hazards Fire Protection Systems. It was approved on behalf of the Council of Standards Australia on 24 February 2010..
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- Australian Industry Group
- Australian Museum
- Commerce Queensland
- Department of Defence (Australia)
- Engineers Australia
- Fire Protection Association Australia
- Institute of Security Executives
- National Fire Industry Association
- National Measurement Institute
- Society of Fire Protection Engineers Australasian Chapter

This Standard was issued in draft form for comment as DR 08131.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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RECONFIRMATION

OF

AS ISO 16003—2010

Components for fire extinguishing systems using gas—Requirements and test methods—Container valve assemblies and their actuators; selector valves and their actuators; nozzles; flexible and rigid connectors; and check valves and non-return valves

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 08 August 2023.

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PREFACE

This Standard was prepared by the Standards Australia Committee FP-011, Special Hazards Fire Protection Systems.

The objective of this Standard is to assist in preventing the loss of life due to fire by providing requirements to ensure the performance/operation of container valve assemblies, flexible connectors, check valves and non-return valves, selector valves and associated actuators and discharge nozzles for use in gaseous fire extinguishing systems.

This Standard is technically identical with, and has been reproduced from ISO 16003:2008, *Components for fire extinguishing systems using gas—Requirements and test methods—Container valve assemblies and their actuators; selector valves and their actuators; nozzles; flexible and rigid connectors; and check valves and non-return valves*. Editorial corrections have been made as follows:

(a) Clause 5.7.2 The reference in the first sentence to Clause 4.8 is *deleted* and *replaced* with '4.9'.

(b) Clause 5.15 The reference in the first sentence to Clause 4.8 is *deleted* and *replaced* with '4.17'.

(c) Clause 5.16 The reference in the first sentence to Clause 4.8 is *deleted* and *replaced* with '4.8'.

These editorial corrections are planned for incorporation into an ISO corrigendum to ISO 16003:2008.

As this Standard is reproduced from an international standard, the following applies:

(i) its number appears on the cover and title page while the international standard number appears only on the cover.

(ii) In the source text 'International Standard' should read 'Australian Standard'.

(iii) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian Standard*	
EN		AS	
60529	Specification for degrees of protection provided by enclosures (P-Codes)	60529	Degrees of protection provided by enclosures (IP Code)
ISO		AS ISO	
7	Pipe threads where pressure-tight joints are made on the threads	7	Pipe threads where pressure-tight joints are made on the threads
7-1:	Part 7-1: Dimensions, tolerances and designation	7.1:	Part 7-1: Dimensions, tolerances and designation
		AS	
7005	Metallic flanges	4331	Metallic flanges
		4331.1	Part 1: Steel flanges
		4331.2	Part 2: Composite flanges
		4331.3	Part 3: Copper alloy and composite flanges

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