

AS 2419.2—1991

Australian Standard®

Fire hydrant installations

Part 2: Fire hydrant valves



STANDARDS AUSTRALIA 

This Australian Standard was prepared by Committee FP/9, Fire Hydrant Installations. It was approved on behalf of the Council of Standards Australia on 8 October 1991 and published on 16 December 1991.

The following interests are represented on Committee FP/9:

Australian Fire Protection Association
Australian Uniform Building Regulations Coordinating Council
Building Owners and Managers Association of Australia
Bush Fire Council of New South Wales
Commonwealth Fire Board
Confederation of Australian Industry
Department of Administrative Services
Department of Defence
Department of Transport and Communications
Fire Protection Industry Association of Australia
Institution of Engineers, Australia
Insurance Council of Australia
Melbourne and Metropolitan Board of Works
Metropolitan Fire Brigades Board, Melbourne
NSW Fire Brigade
Water Board, Sydney, Illawarra, Blue Mountains
Western Australian Fire Brigades Board

Additional interests participating in preparation of Standard:

Australian Assembly of Fire Authorities

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PREFACE

This draft Standard was prepared by the Standards Australia Committee on Fire Hydrant Installations in response to a request by the manufacturers of fire hydrant valves.
The Standard is intended to complement AS 2419.1—1991, *Fire hydrant installations, Part 1: System design, installation, and commissioning*.

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STANDARDS AUSTRALIA

Australian Standard Fire hydrant installations

Part 2: Fire hydrant valves

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for the design, construction, performance, and testing of valves suitable for installation as fire hydrant valves.

1.2 APPLICATION This Standard applies to fire hydrant valves intended for installation in accordance with AS 2419.1, and having screwed or flanged inlets with a bore of 38 mm or 65 mm nominal diameter. Hydrant valve outlets shall have hose connections not less than 65 mm nominal diameter, and shall comply with the local fire brigade requirements.

NOTE: Guidance on types, and the locations where used, of fire hose couplings is given in Appendix A.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- 1231 Aluminium and aluminium alloys—Anodized coatings for architectural applications
- 1565 Copper and copper alloys—Ingots and castings
- 1567 Copper and copper alloys—Wrought rods, bars and sections
- 1568 Copper and copper alloys—Forging stock and forgings
- 1683 Methods of test for elastomers
- 1683.15.2 Part 15:2: Indentation hardness of rubber and plastics by means of a durometer
- 1722 Pipe threads of Whitworth form
- 1722.1 Part 1: Sealing pipe threads
- 1830 Iron castings—Grey cast iron
- 1831 Iron castings—Spheroidal or nodular graphite cast iron
- 1832 Iron castings—Malleable cast iron
- 1874 Aluminium ingots and aluminium alloys—Ingots and castings
- 2129 Flanges for pipes, valves, and fittings
- 2345 An accelerated laboratory test method for assessment of the susceptibility of brass to dezincification
- 2419 Fire hydrant installations
- 2419.1 Part 1: System design, installation, and commissioning
- 2484 Fire—Glossary of terms
- 2484.2 Part 2: Fire protection and firefighting equipment
- 2845 Water supply—Mechanical backflow prevention devices
- 3855 Suitability of plumbing products for contact with potable water

BS

- 336 Specification for fire hose couplings and ancillary equipment

DN

- 14303 Aluminium alloy delivery coupling

1.4 DEFINITIONS For the purposes of this Standard, the definitions given in AS 2484.2 apply.