

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 Fire
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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First published as AS 2419.2—1991.

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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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 50 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 structural 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 forging
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.