

Australian Standard[®]

Fire hydrant installations

**Part 3: Fire brigade booster
connections**

This Australian Standard was prepared by Committee FP/9, Fire Hydrant Installation. It was approved on behalf of the Council of Standards Australia on 9 January 1996 and published on 5 May 1996.

The following interests are represented on Committee FP/9:

Australian Association of Certification Bodies
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Chamber of Manufactures
Australian Fire Authorities Council
Australian Fire Protection Association
Australian Valve Manufacturers Association
Commonwealth Fire Board
Department of Bush Fire Services, N.S.W.
Department of Defence
Fire Protection Industry Association of Australia
Institution of Engineers Australia
Sydney Water Corporation Limited
Water Industry Technical Standards Unit
Western Australian Fire Brigades Board

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AS 2419.3—1996

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PREFACE

This Standard was prepared by the Standards Australia Committee FP/9 on Fire Hydrant Installations and is intended to be complementary to AS 2419.1—1994, *Fire hydrant installations, Part 1: System design, installation and commissioning*.

The objective of this Standard is to provide the fire brigade with specifications for inlet booster connections to charge or augment the water supply to a firefighting system.

This Standard is complimentary to AS 2419.1, and is Part 3 of the following series:

AS

2419 Fire hydrant installations

2419.1 Part 1: System design, installation and commissioning

2419.2 Part 2: Fire hydrant valves

2419.3 Part 3: Fire brigade booster connections

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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STANDARDS AUSTRALIA

Australian Standard
Fire hydrant installations

Part 3: Fire brigade booster connections

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies requirements for design, construction, performance and testing of fire brigade inlet booster connections suitable for installation as part of fire hydrant systems.

1.2 APPLICATION This Standard applies to fire brigade inlet booster connections intended for installation in accordance with AS 2419.1 or AS 2118, which have screwed, flanged, rigid-rolled groove or shouldered outlets. The booster inlets shall have hose connection of 65 mm nominal size, and shall comply with the local fire brigade requirements.

NOTE: Fire brigade inlet booster connections are generally referred to in this Standard as a 'booster' or 'the booster'.

1.3 NEW DESIGNS AND INNOVATIONS Any alternative materials, designs, methods of assembly, procedures, and the like that do not comply with specific requirements of this Standard, or are not mentioned in it, but give equivalent results to those specified, are not necessarily prohibited, but the specified approval remains the prerogative of the regulatory authority.

1.4 REFERENCED DOCUMENTS The following documents are referred to in this Standard.

AS	
1349	Bourdon tube pressure and vacuum gauges
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
1628	Water supply—Copper alloy gate, globe and non-return valves
1683	Methods of test for elastomers
1683.15.2	Method 15.2: Durometer hardness
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
1874	Aluminium ingots and aluminium alloys—Ingots and castings
2118	Automatic fire sprinkler systems (known as the SAA Code for Automatic Fire Sprinkler Systems)
2129	Flanges for pipes, valves and fittings



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