



Share your feedback
about this standard.
Scan the QR code on your
phone or click/ enter the
link to take the survey
feedback.standards.org.au/2419.2-2009

AS 2419.2—2009

AS 2419.2—2009

Australian Standard[®]

Fire hydrant installations

Part 2: Fire hydrant valves



This Australian Standard® was prepared by Committee FP-009, Fire Hydrant Installations. It was approved on behalf of the Council of Standards Australia on 16 September 2009. This Standard was published on 15 December 2009.

The following are represented on Committee FP-009:

- Association of Accredited Certification Bodies
 - Association of Hydraulic Services Consultants Australia
 - Australasian Fire and Emergency Service Authorities Council
 - Australian Building Codes Board
 - Australian Fire Safety Practitioner's Accreditation Board
 - Australian Industry Group
 - Australian Institute of Building Surveyors
 - Australian Stainless Steel Development Association
 - Australian Steel Institute
 - Department of Defence (Australia)
 - Engineers Australia
 - Fire Protection Association Australia
 - Plastics Industry Pipe Association of Australia
 - Property Council of Australia
 - Water Services Association of Australia
-

This Standard was issued in draft form for comment as DR 08024.

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.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting **www.standards.org.au**

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at **mail@standards.org.au**, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

AS 2419.2—2009

Australian Standard[®]

Fire hydrant installations

Part 2: Fire hydrant valves

First published as AS 2419.2—1991.
Third edition 2009.

COPYRIGHT

© Standards Australia

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia
ISBN 0 7337 9338 X

PREFACE

This Standard was prepared by the Standards Australia Committee FP-009, Fire Hydrant Installations, to supersede AS 2419.2—1994.

The objective of this Standard is to provide manufacturers with requirements for the design, performance and testing of valves suitable for installation as fire hydrant valves.

The objective of this revision is to—

- (a) clarify the intent of the Standard and make it easier to use;
- (b) align the Standard with current fire hydrant valve manufacturing practices and performance requirements of AS 2419.1;
- (c) review component materials considered fit for purpose;
- (d) align the Standard with Australian best practice for water conservation and protection of drinking water;
- (e) align the Standard with international Standards for construction and materials; and
- (f) introduce new provisions for product certification to promote quality and reliability of product.

This Standard complements AS 2419.1—2005, *Fire hydrant installations*, Part 1: *System design, installations and commissioning*.

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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	4
1.2 APPLICATION	4
1.3 NEW DESIGNS AND INNOVATIONS	4
1.4 NORMATIVE REFERENCES	4
1.5 DEFINITIONS	5
1.6 ALLOWABLE PRESSURES	6
SECTION 2 MATERIALS	
2.1 MATERIALS	7
2.2 DEZINCIFICATION RESISTANCE	7
2.3 CONTAMINATION OF WATER	7
2.4 ELASTOMERIC COMPONENTS	7
SECTION 3 DESIGN AND MANUFACTURE	
3.1 GENERAL	9
3.2 VALVE BODY	10
3.3 VALVE INLETS CONNECTIONS	10
3.4 VALVE OUTLET CONNECTIONS	11
3.5 VALVE BONNETS	11
3.6 STEMS	12
3.7 STEM SEALING	12
3.8 DISC AND FACING	13
3.9 HANDWHEELS	13
3.10 BLANK CAPS OR PLUGS	14
3.11 MARKING	14
SECTION 4 PERFORMANCE REQUIREMENTS	
4.1 GENERAL	15
4.2 PRODUCTION TESTS	15
4.3 TYPE TESTS	15
APPENDICES	
A MEANS FOR DEMONSTRATING COMPLIANCE WITH THIS STANDARD	16
B FIRE HOSE COUPLING TYPES	19
C PURCHASING INFORMATION	20
D TYPE TESTS	21
E PRODUCTION TESTS—PRESSURE	23

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-