

AS 2845.3—2010
(Incorporating Amendment No. 1)

AS 2845.3—2010

Australian Standard[®]

**Water supply—Backflow prevention
devices**

**Part 3: Field testing and maintenance of
testable devices**



This Australian Standard® was prepared by Committee WS-023, Backflow Prevention Devices for Water Supply. It was approved on behalf of the Council of Standards Australia on 14 May 2010.

This Standard was published on 30 June 2010.

The following are represented on Committee WS-023:

- ACT Planning and Land Authority
 - Australian Industry Group
 - Master Plumbers Association of NSW
 - Master Plumbers, Gasfitters and Drainlayers New Zealand
 - Plastics Industry Pipe Association of Australia
 - Plumbing Products Industry Group
 - Queensland Brassware Industry Advisory Panel
 - South Australian Water Corporation
 - Sydney Water Corporation
 - Water New Zealand
 - Water Services Association of Australia
-

This Standard was issued in draft form for comment as DR 10007.

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Standards may also be withdrawn.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 2845.3—2010
(Incorporating Amendment No. 1)

Australian Standard[®]

**Water supply—Backflow prevention
devices**

**Part 3: Field testing and maintenance of
testable devices**

First published as AS 2845.3—1993.
Second edition 2010.
Reissued incorporating Amendment No. 1 (October 2010).

COPYRIGHT

© Standards Australia Limited

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, unless otherwise permitted under the Copyright Act 1968.

Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 0 7337 9607 4

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-023, Backflow Prevention Devices for Water Supply, to supersede AS 2845.3—1993.

This Standard incorporates Amendment No. 1 (October 2010). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australia/New Zealand Standard.

The objective of this Standard is to outline minimum requirements for the testing and maintenance of testable backflow prevention devices in the field.

This Standard is to be read in conjunction with the requirements of the relevant regulatory authority, and the manufacturer's instructions. The safety practices to be followed while performing field testing and maintenance work should comply with the applicable OH&S legislation and the relevant regulatory authority's procedures. The actions stipulated within this Standard are in addition to those requirements.

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 NORMATIVE REFERENCES	4
1.4 DEFINITIONS	5
SECTION 2 FIELD TESTING AND MAINTENANCE	
2.1 FIELD TESTING	6
2.2 TEST REPORT	6
2.3 ACCEPTANCE CRITERIA	7
2.4 MAINTENANCE	8
2.5 OH&S REQUIREMENTS	8
APPENDICES	
A FIELD TESTING OF REGISTERED AIR GAPS AND REGISTERED BREAK TANKS	9
B TEST KIT ARRANGEMENT FOR MECHANICAL BACKFLOW PREVENTION DEVICES	10
C FIELD TESTING OF PRESSURE-TYPE VACUUM-BREAKER AND SPILL RESISTANT PRESSURE VACUUM BREAKER BACKFLOW PREVENTION DEVICE	11
D FIELD TESTING OF REDUCED-PRESSURE-ZONE BACKFLOW PREVENTION DEVICE	14
E FIELD TESTING OF DOUBLE CHECK-VALVE BACKFLOW PREVENTION DEVICE	17
F FIELD TESTING OF REDUCED-PRESSURE-DETECTOR ASSEMBLY BACKFLOW PREVENTION DEVICE	20
G FIELD TESTING OF DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTION DEVICE	25
H FIELD TESTING OF SINGLE CHECK-VALVE (TESTABLE) BACKFLOW PREVENTION DEVICE	30
I FIELD TESTING OF SINGLE CHECK-VALVE DETECTOR ASSEMBLY TESTABLE BACKFLOW PREVENTION DEVICES	32
J EXAMPLE OF FORMAT FOR REPORTING TEST RESULTS FOR REGISTERED AIR GAPS AND REGISTERED BREAK TANKS	35
K EXAMPLE OF FORMAT FOR REPORTING INSPECTION AND MAINTENANCE FOR BACKFLOW PREVENTION DEVICES	36

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
-