
Testing of valves — Fire type-testing requirements

Essais des appareils de robinetterie — Exigences de l'essai au feu

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test conditions	2
4.1 Direction and conditions for valves to be tested	2
4.2 Pressure relief provision	3
5 Fire test method.....	3
5.1 General warning	3
5.2 Principle.....	3
5.3 Apparatus	3
5.4 Test fluid.....	4
5.5 Test fuel.....	4
5.6 Procedure	4
6 Performance.....	10
6.1 General	10
6.2 Through-seat leakage during burn period	10
6.3 External leakage during burn and cool-down periods	10
6.4 Low-pressure test through-seat leakage after cool-down	11
6.5 Operability	11
6.6 External leakage following operational test	11
6.7 Test report.....	12
7 Qualification of other valves by representative size, pressure rating and materials of construction	13
7.1 General	13
7.2 Materials of construction.....	13
7.3 Qualification of valves by nominal size	14
7.4 Qualification of valves by pressure rating.....	14
7.5 Special marking	14
Bibliography.....	16