INTERNATIONAL STANDARD

ISO 22621-5

First edition 2010-04-15

Plastics piping systems for the supply of gaseous fuels for maximum operating pressures up to and including 2 MPa (20 bar) — Polyamide (PA) —

Part 5: Fitness for purpose of the system

Systèmes de canalisations en matières plastiques pour la distribution de combustibles gazeux pour des pressions maximales de service inférieures ou égales à 2 MPa (20 bar) — Polyamide (PA) —

Partie 5: Aptitude à l'emploi du système



Reference number ISO 22621-5:2010(E)

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 Forewordiv Introduction......v 1 Scope......1 2 3 Terms, definitions, symbols and abbreviated terms2 3.1 3.2 Terms and definitions for preparation of test assemblies by electrofusion3 3.3 Symbols......3 Fitness for purpose5 4.1 4.2 Requirements for fitness for purpose6 5 Overall service (design) coefficient......9 Annex A (normative) Preparation of test assemblies by butt fusion10 Annex C (normative) Test methods for the assessment of fitness for purpose of transition fittings.....19

Annex D (normative) Derating coefficients for operating temperatures......21