This is a free page sample. Access the full version online.

National Standards Authority of Ireland

TECHNICAL GUIDE

I.S. EN ISO/TS 15877-7:2004

ICS 23.040.01
91.140.60

PLASTICS PIPING SYSTEMS FOR HOT AND COLD WATER INSTALLATIONS - CHLORINATED POLY(VINYL CHLORIDE) (PVC-C) - PART 7: GUIDANCE FOR THE ASSESSMENT OF CONFORMITY (ISO/TS 15877-7:2003)

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:

April 22, 2004

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 2004

Price Code G

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

This is a free page sample. Access the full version online.

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN ISO/TS 15877-7

December 2003

ICS 23.040.01, 91.140.60

English version

Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7:2003)

Systèmes de canalisations en plastique pour les installations d'eau chaude et froide – Poly(chlorure de vinyle) (PVC-C) – Partie 7: Guide pour l'évaluation de la conformité (ISO/TS 15877-7:2003)

Kunststoff-Rohrleitungssysteme für die Warm- und Kaltwasserinstallation – Chloriertes Polyvinylchlorid (PVC-C) – Teil 7: Empfehlungen für die Beurteilung der Konformität (ISO/TS 15877-7:2003)

This Technical Specification (CEN ISO/TS) was approved by CEN on 9th February 2003 for provisional application.

The period of validity of this CEN ISO/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN ISO/TS in the same way as for an EN and to make the CEN ISO/TS available. It is permissible to keep conflicting national standards in force (in parallel to the CEN ISO/TS) until the final decision about the possible conversion of the CEN ISO/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

© 2003 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. CEN ISO/TS 15877-7:2003 E

This is a free page sample. Access the full version online.

Contents

This is a free page sample. Access the full version online.

Foreword

This document (CEN ISO/TS 15877-7:2003) has been prepared by Technical Committee CEN /TC 155, "Plastics piping systems and ducting systems", the Secretariat of which is held by NEN in collaboration with Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids".

This Technical Specification can be used to support elaboration of national third party certification procedures for products conforming to the applicable Part(s) of EN ISO 15877.

This Technical Specification is a Part of a System Standard for plastics piping systems of a particular material for a specified application. There are a number of such System Standards.

System Standards are based on the results of the work undertaken in ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids", which is a Technical Committee of the International Organization for Standardization (ISO).

They are supported by separate standards on test methods to which references are made throughout the System Standard.

The System Standards are consistent with general standards on functional requirements and on recommended practice for installation.

EN ISO 15877 consists of the following Parts [1)], under the general title Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C)

— *Part 1: General*

— *Part 2: Pipes*

— *Part 3: Fittings*

— *Part 5: Fitness for purpose of the system*

— *Part 7: Guidance for the assessment of conformity* (this Technical Specification)

This Part of EN ISO 15877 includes a bibliography.

At the date of publication of this Technical Specification, System Standards for piping systems of other plastics materials used for hot and cold water installations are the following:

EN ISO 15874, *Plastics piping systems for hot and cold water installations — Polypropylene (PP)*

EN ISO 15875, *Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X)*

EN ISO 15876, *Plastics piping systems for hot and cold water installations — Polybutylene (PB)*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1) This System Standard does not incorporate *Part 4: Ancillary equipment* and *Part 6: Guidance for installation*. For ancillary equipment separate standards can apply. For guidance for installation reference is made to separate documents.

NOTE A guidance for installation of plastics piping systems made from different materials, intended to be used for hot and cold water installations, is covered by ENV 12108[1].

This is a free page sample. Access the full version online.

Introduction

The System Standard, of which this is Part 7, specifies the requirements for a piping system when made from chlorinated poly(vinyl chloride) (PVC-C). The piping system is intended to be used for hot and cold water installations.

In respect of potential adverse effects on the quality of water intended for human consumption, caused by the product covered by EN ISO 15877:

— This Technical Specification provides no information as to whether the product may be used without restriction in any of the Member States of the EU or EFTA;

— It should be noted that, while awaiting the adoption of verifiable European criteria, existing national regulations concerning the use and/or the characteristics of this product remain in force.

When using solvent cement, relevant national safety rules or regulations concerning their use (e.g. protection of workers) are to be observed.

Requirements and test methods for material and components are specified in Part 1 to Part 3 of EN ISO 15877:2003. Characteristics for fitness for purpose (mainly for joints) are covered in Part 5.

This Part of EN ISO 15877 gives guidance for the assessment of conformity of materials, components, joints and assemblies and it is intended to be used by certification bodies, inspection bodies, testing laboratories and manufacturers.

SAI GLOBAL

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