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National Standards Authority of Ireland

TECHNICAL GUIDE

I.S. CEN/TS 13244-7:2003

ICS 93.030

PLASTICS PIPING SYSTEMS FOR BURIED AND ABOVE-GROUND PRESSURE SYSTEMS FOR WATER FOR GENERAL PURPOSES, DRAINAGE AND SEWERAGE — POLYETHYLENE (PE) — PART 7: GUIDANCE FOR THE ASSESSMENT OF CONFORMITY

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
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CEN/TS 13244-7

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English version

Plastics piping systems for buried and above-ground pressure systems for water for general purposes, drainage and sewerage — Polyethylene (PE) — Part 7: Guidance for the assessment of conformity

Systèmes de canalisations en plastique pour les applications générales de transport d'eau, de branchement et de collecteurs d'assainissement, enterrés sous pression — Polyéthylène (PE) — Partie 7: Guide pour l'évaluation de la conformité

Kunststoff-Rohrleitungssysteme für erd- und oberirdisch verlegte Druckrohrleitungen für Brauchwasser, Entwässerung und Abwasser — Polyethylen (PE) — Teil 7: Empfehlungen für die Beurteilung der Konformität

This Technical Specification (CEN/TS) was approved by CEN on 9 October 2002 for provisional application.

The period of validity of this CEN/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.

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Contents

Foreword 3
Introduction 4
1 Scope 5
2 Normative references 5
3 Terms, definitions, symbols and abbreviations 6
3.1 Terms and definitions 6
3.2 Abbreviations 8
4 Requirements 9
4.1 General 9
4.2 Testing and inspection 9
Annex A (normative) **Change of PE compound** 23
Annex B (normative) **Change of design** 25
Bibliography 26

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Foreword

This document CEN/TS 13244-7:2003 has been prepared by Technical Committee CEN /TC 155, "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

This Technical Specification can be used to support the elaboration of national third party certification procedures for products conforming to the applicable Parts of EN 13244.

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 being 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 standards on general functional requirements and standards on recommended practice for installation.

EN 13244 consists of the following Parts, under the general title "Plastics piping systems for buried and above-ground pressure systems for water for general purposes, drainage and sewerage — Polyethylene (PE)".

— *Part 1: General*

— *Part 2: Pipes*

— *Part 3: Fittings*

— *Part 4: Valves*

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

— *Part 7: Guidance for the assessment of conformity (this technical specification)*

NOTE It was decided not to publish a Part 6: Recommended practice for installation. Instead, existing national installation practices would be applicable.

This Technical Specification includes the following annexes.

— Annex A (Normative) Change of PE compound.

— Annex B (Normative) Change of design.

— Bibliography.

System Standards for piping systems of other plastics materials used for the conveyance of water, drainage and sewerage under pressure include the following:

EN 1456, *Plastics piping systems for buried and above- ground drainage and sewerage under pressure – Unplasticized poly(vinyl chloride) (PVC-U)*

prEN 14364, *Plastics piping systems for pressure and non-pressure drainage and sewerage — Glass-reinforced thermosetting (GRP) plastics based on polyester resin (UP)*

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Introduction

The System Standard, of which this is Part 7, specifies the requirements for a piping system and its components made from polyethylene (PE). It is intended to be used for buried and above-ground pressure systems for water for general purposes, drainage and sewerage.

This Part of EN 13244 gives guidance for the procedures and requirements for the assessment of conformity of materials, components, joints and assemblies and is intended to be used by certification bodies, inspection bodies, testing laboratories and manufacturers.

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