BS EN ISO 11298-1:2011

BSI Standards Publication

Plastics piping systems for renovation of underground water supply networks

Part 1: General (ISO 11298-1:2010)

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National foreword

This British Standard is the UK implementation of EN ISO 11298-1:2011. It is identical to ISO 11298-1:2010. It supersedes BS EN 14409-1:2004, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/88/3, Rehabilitation of pipeline systems using plastics piping materials and components.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Systèmes de canalisations en plastique pour la rénovation des réseaux enterrés d'alimentation en eau - Partie 1: Généralités (ISO 11298-1:2010)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten Wasserversorgungsnetzen - Teil 1: Allgemeines (ISO 11298-1:2010)

This European Standard was approved by CEN on 8 April 2011.

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Foreword

The text of ISO 11298-1:2010 has been prepared by Technical Committee ISO/TC 138 “Plastics pipes, fittings and valves for the transport of fluids” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11298-1:2011 by Technical Committee CEN/TC 155 “Plastics piping systems and ducting systems” the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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Endorsement notice

The text of ISO 11298-1:2010 has been approved by CEN as a EN ISO 11298-1:2011 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 11298-1 was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*.

ISO 11298 consists of the following parts, under the general title *Plastics piping systems for renovation of underground water supply networks*:

— *Part 1: General*

— *Part 3: Lining with close-fit pipes*

Lining with continuous pipes is to form the subject of a part 2; lining with cured-in-place pipes is to form the subject of a part 4; lining with adhesive-backed hoses is to form the subject of a part 6.

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Introduction

This part of ISO 11298 is a part of a System Standard for plastics piping systems of various materials used for the renovation of existing pipelines in a specified application area. System Standards for renovation deal with the following applications:

— Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks;

— Plastics piping systems for renovation of underground water supply networks;

— Plastics piping systems for renovation of underground gas supply networks;

— Plastics piping systems for renovation of underground drainage and sewerage networks under pressure.

These System Standards are distinguished from those for conventionally installed plastics piping systems by the requirement to verify certain characteristics in the as-installed condition, after site processing. This is in addition to specifying requirements for plastics piping system components as manufactured.

This System Standard comprises a:

— Part 1: General

and all applicable renovation technique family-related parts from the following:

— Part 2: Lining with continuous pipes

— Part 3: Lining with close-fit pipes

— Part 4: Lining with cured-in-place pipes

— Part 6: Lining with adhesive-backed hoses

The requirements for any given renovation technique family are given in part 1, applied in conjunction with the relevant other part. For example, this part of ISO 11298 and ISO 11298-3 together specify the requirements relating to lining with close-fit pipes. For complementary information, see ISO 11295. Not all technique families are pertinent to every area of application and this is reflected in the part numbers included in each System Standard.

A consistent structure of clause headings has been adopted for all parts of ISO 11298, in order to facilitate direct comparisons across renovation technique families.

Figure 1 shows the common part and clause structure and the relationship between ISO 11298 and the System Standards for other application areas.

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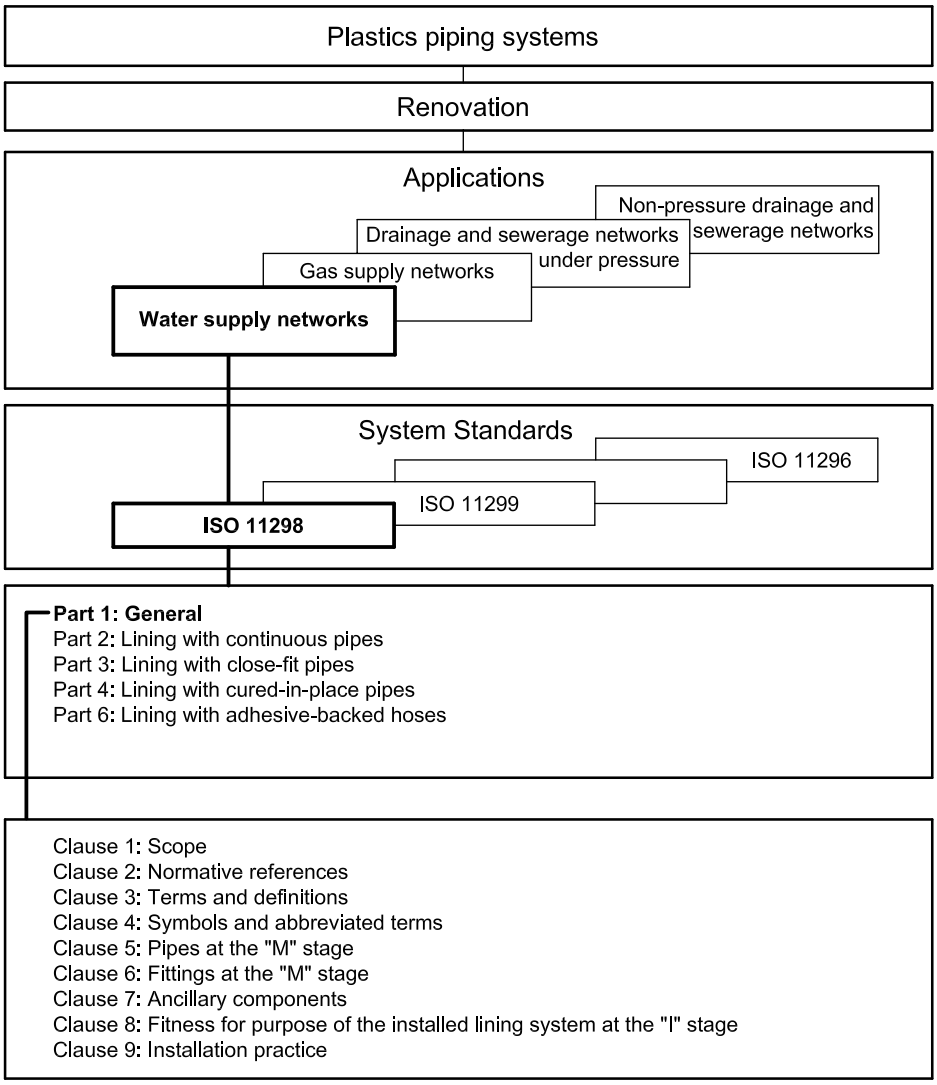

Figure 1 — Format of the renovation System Standards

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