SLOVENSKI STANDARD
SIST EN ISO 21225-1:2018

01-november-2018

Cevni sistemi iz polimernih materialov za zamenjavo cevovodnih omrežij, ki so položeni v zemljo, brez izkopa - 1. del: Zamenjava linije z izmenjavo in ekstrakcij cevi (ISO 21225-1:2018)

Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 1: Replacement on the line by pipe bursting and pipe extraction (ISO 21225-1:2018)

Kunststoff-Rohrleitungssysteme zur grabenlosen Erneuerung von erdverlegten Rohrleitungsnetzen - Teil 1: Erneuerung in bisheriger Linienführung durch Berstverfahren und Auswechselverfahren (ISO 21225-1:2018)

Systèmes de canalisations en plastique pour le remplacement sans tranchée des réseaux de canalisations enterrés - Partie 1: Remplacement sur ligne par éclatement de tuyau et extraction de tuyau (ISO 21225-1:2018)

Ta slovenski standard je istoveten z: **EN ISO 21225-1:2018**

ICS:

23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.80	Drenažni sistemi	Drainage systems

SIST EN ISO 21225-1:2018 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 21225-1

May 2018

ICS 23.040.20; 23.040.45; 91.140.80

English Version

Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 1: Replacement on the line by pipe bursting and pipe extraction (ISO 21225-1:2018)

Systèmes de canalisations en plastique pour le remplacement sans tranchée des réseaux de canalisations enterrés - Partie 1: Remplacement sur ligne par éclatement de tuyau et extraction de tuyau (ISO 21225-1:2018)

Kunststoff-Rohrleitungssysteme zur grabenlosen Erneuerung von erdverlegten Rohrleitungsnetzen - Teil 1: Erneuerung in bisheriger Linienführung durch Berstverfahren und Auswechselverfahren (ISO 21225-1:2018)

This European Standard was approved by CEN on 1 March 2018.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 21225-1:2018) has been prepared by Technical Committee ISO/TC 138 “Plastics pipes, fittings and valves for the transport of fluids” in collaboration with 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 November 2018, and conflicting national standards shall be withdrawn at the latest by November 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 21225-1:2018 has been approved by CEN as EN ISO 21225-1:2018 without any modification.

INTERNATIONAL STANDARD

ISO 21225-1

First edition
2018-04

Plastics piping systems for the trenchless replacement of underground pipeline networks —

Part 1: Replacement on the line by pipe bursting and pipe extraction

Systèmes de canalisations en plastique pour le remplacement sans tranchée des réseaux de canalisations enterrés —

Partie 1: Remplacement sur ligne par éclatement de tuyau et extraction de tuyau

Reference number
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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 8, *Rehabilitation of pipeline systems*.

A list of all the parts in the ISO 21225 series can be found on the ISO website.

Introduction

System standards dealing with the following applications are either available or in preparation for pipeline renovation:

— The ISO 11296 series: *Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks*;

— The ISO 11297 series: *Plastics piping systems for renovation of underground drainage and sewerage networks under pressure*;

— The ISO 11298 series: *Plastics piping systems for renovation of underground water supply networks*;

— The ISO 11299 series: *Plastics piping systems for renovation of underground gas supply networks*.

System standards dealing with all application areas are either available or in preparation for trenchless pipeline replacement:

— The ISO 21225 series: *Plastics piping systems for the trenchless replacement of underground pipeline networks*.

The system standard ISO 21225 comprises:

— *Part 1: Replacement on the line by pipe bursting and pipe extraction* (this document);

— *Part 2: Replacement off the line by horizontal directional drilling and impact moling*.

The requirements for technique families are given in ISO 21225-1 and ISO 21225-2 respectively. For complimentary information, see ISO 11295[1].

A consistent structure of clause headings has been adopted for all parts to facilitate direct comparisons across replacement standards.

Figure 1 shows the common part and clause structure and the relationship between ISO 21255 and the system standards for the renovation application areas.

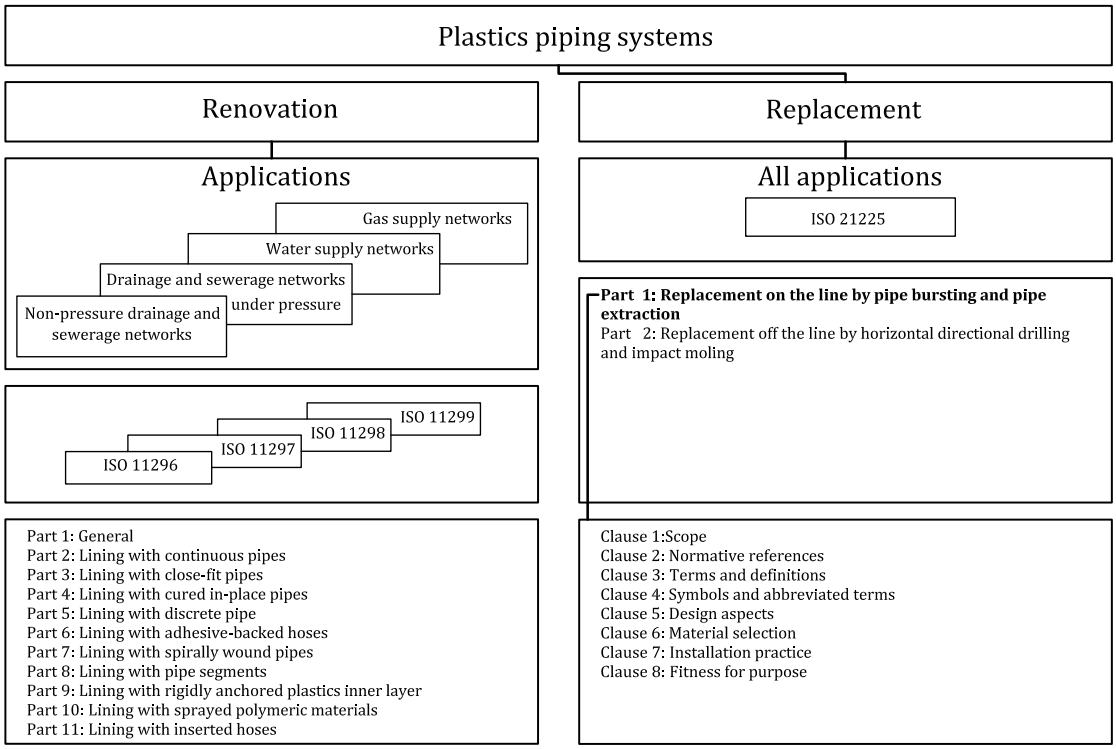

Figure 1 — Technique families and clause structure