

SLOVENSKI STANDARD SIST EN ISO 11298-2:2018

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Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za oskrbo z vodo - 2. del: Oblaganje z neprekinjenimi cevmi (ISO 11298-2:2018)

Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes (ISO 11298-2:2018)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten Wasserversorgungsnetzen Teil 2: Rohrstrang-Lining (ISO 11298-2:2018)

Systémes de canalisation en plastiques pour la rénovation des réseaux enterrés d'alimentation en eau - Partie 2: Tubage par tuyau continu avec espace annulaire (ISO 11298-2:2018) https://standards.iteh.ai/catalog/standards/sist/c91fe357-8750-426f-a94f-

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systems

93.025 Zunanji sistemi za prevajanje External water conveyance

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Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes (ISO 11298-2:2018)

Systémes de canalisation en plastiques pour la rénovation des réseaux enterrés d'alimentation en eau - Partie 2: Tubage par tuyau continu avec espace annulaire (ISO 11298-2:2018)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten Wasserversorgungsnetzen - Teil 2: Rohrstrang-Lining (ISO 11298-2:2018)

This European Standard was approved by CEN on 27 September 2017.

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EN ISO 11298-2:2018 (E)

Contents	Pa		
European foreword	3		

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EN ISO 11298-2:2018 (E)

European foreword

This document (EN ISO 11298-2:2018) has been prepared by Technical Committee ISO/TC 138 "Rehabilitation of pipeline systems" 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of an identical text or by endorsement, at the latest by August 2018, and conflicting national standards shall be withdrawn at the latest by August 2018.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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The text of ISO 11298-2:2018 has been approved by CEN as EN ISO 11298-2:2018 without any modification.

SIST EN ISO 11298-2:2018

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INTERNATIONAL STANDARD

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Plastics piping systems for renovation of underground water supply networks —

Part 2: **Lining with continuous pipes**

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ISO 11298-2:2018(E)

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Co	ntent	:S	Page
Fore	eword		iv
Intr	oductio	on	v
1	Scop	oe	1
2	-	mative references	
3		ns and definitions	
4			
	Sym 4.1	bols and abbreviated terms Symbols	
	4.2	Abbreviated terms	
5	Pine	es at the "M" stage	3
	5.1	Material	
	5.2	General characteristics	
	5.3	Material characteristics	
	5.4	Geometrical characteristics	
	5.5 5.6	Mechanical characteristicsPhysical characteristics	
	5.6 5.7	Jointing	
	5.8	Marking	
	5.9	Regional requirements for pipes	4
6	Fitti	ngs at the M'stage TANDARD PREVIEW	4
	6.1	Requirements	4
	6.2	Requirements Marking (Standards.iteh.ai)	4
	6.3	Regional requirements for fittings	
7	Anci	llary components SIST EN ISO 11298-2:2018	4
8	Fitne	llary components SIST EN ISO 11298-2:2018 https://standards.iteh.ai/catalog/standards/sist/c91fe357-8750-426f-a94f- ess for purpose of the system for pipes and fittings at the "I" stage	4
9		allation practice	
	9.1	Preparatory work	
	9.2	Storage, handling and transport	
	9.3	Equipment	
		9.3.1 Butt fusion equipment and debeading equipment	
		9.3.2 Pipe rollers 9.3.3 Winching and rod-pulling equipment	5 5
		9.3.4 Pipe entry guides	
		9.3.5 Electrofusion equipment	
		9.3.6 Inspection equipment	6
	0.4	9.3.7 Lifting equipment	
	9.4 9.5	Installation	
	9.5 9.6	Process-related inspection and testingLining termination	
	9.7	Reconnection to the existing pipeline system	
	9.8	Final inspection and testing	7
	9.9	Documentation	
Ann	ex A (no	ormative) Layered pipes	8
		hy	

ISO 11298-2:2018(E)

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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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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. (standards.iteh.ai)

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*.

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A list of all parts in the ISO 11298 series can be found on the ISO website.

Introduction

This document 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:

- ISO 11296, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks;
- ISO 11927, Plastics piping systems for renovation of underground drainage and sewerage networks under pressure;
- ISO 11298, Plastics piping systems for renovation of underground water supply networks (this application);
- ISO 11299, Plastics piping systems for renovation of underground gas supply networks.

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".

Each of the system standards comprises a:

Part 1: General,

and all applicable renovation technique family-related parts, which for water supply networks under pressure include or potentially include the following: en all

- Part 2: Lining with continuous pipes (this document);
- Part 3: Lining with close fit pipes, i/catalog/standards/sist/c91fe357-8750-426f-a94f-e04b7b9c7405/sist-en-iso-11298-2-2018
- Part 4: Lining with cured-in-place pipes;
- Part 5: Lining with discrete pipes;
- Part 6: Lining with adhesive-backed hoses;
- Part 10: Lining with sprayed polymeric materials;
- Part 11: Inserted 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 document and ISO 11298-1 together specify the requirements relating to lining with continuous 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 ISO 11298 (all parts), in order to facilitate direct comparisons across renovation technique families.

<u>Figure 1</u> shows the common part and clause structure and the relationship between ISO 11298 (all parts) and the system standards for other application areas.