SLOVENSKI STANDARD
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Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo pod tlakom - 3. del: Oblaganje s tesno prilagodljivimi cevmi (ISO/DIS 11297-3:2017)

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 3: Lining with close-fit pipes (ISO/DIS 11297-3:2017)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten Abwasserdruckleitungen — Teil 3: Close-Fit-Lining (ISO/DIS 11297-3:2017)

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sous pression -- Partie 3: Tubage par tuyau continu sans espace annulaire (ISO/DIS 11297-3:2017)

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91.140.80	Drenažni sistemi	Drainage systems
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

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

Part 3:
Lining with close-fit pipes

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sous pression —

Partie 3: Tubage par tuyau continu sans espace annulaire

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Contents

Page

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 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.

The committee responsible for this document is ISO/TC 138, Plastics pipes, fittings and valves for the transport of fluids, Subcommittee SC 8, Rehabilitation of pipeline systems.

This second edition cancels and replaces the first edition (ISO 11297-3:2013), clauses 1, 3, 5, 8 and 9 of which have been technically revised.

A list of all parts in the ISO 11297- series, published under the general title Plastics pipes for renovation of underground non-pressure drainage and sewerage networks, can be found on the ISO website.

Introduction

This International Standard is a part of a system standard for plastics piping systems of various materials used for renovation of existing pipelines in a specified application area. System standards for renovation dealing with the following applications are either available or in preparation:

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

— *Plastics piping systems for renovation of underground drainage and sewerage networks under pressure (this application);*

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

— *Plastics piping systems for renovation of underground gas supply networks.*

These system standards are distinguished from system standards 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 verification of characteristics of plastics piping systems "as manufactured".

Each of the System Standards comprises a:

— *Part 1: General*

and all applicable renovation technique family-related parts, which for non- drainage and sewerage networks under pressure include or potentially include the following:

— *Part 2: Lining with continuous pipes*

— *Part 3: Lining with close-fit pipes* (this document)

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

— *Part 5: Lining with discrete pipes*

— *Part 6: Lining with adhesive-backed hoses*

The requirements for any given renovation technique family are specified in part 1, applied in conjunction with the relevant other part. For example, both ISO 11297-1 and this part of ISO 11297 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 Standards.

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

Figure 1 shows the common part and clause structure and the relationship between ISO 11297 and system standards for other applications.

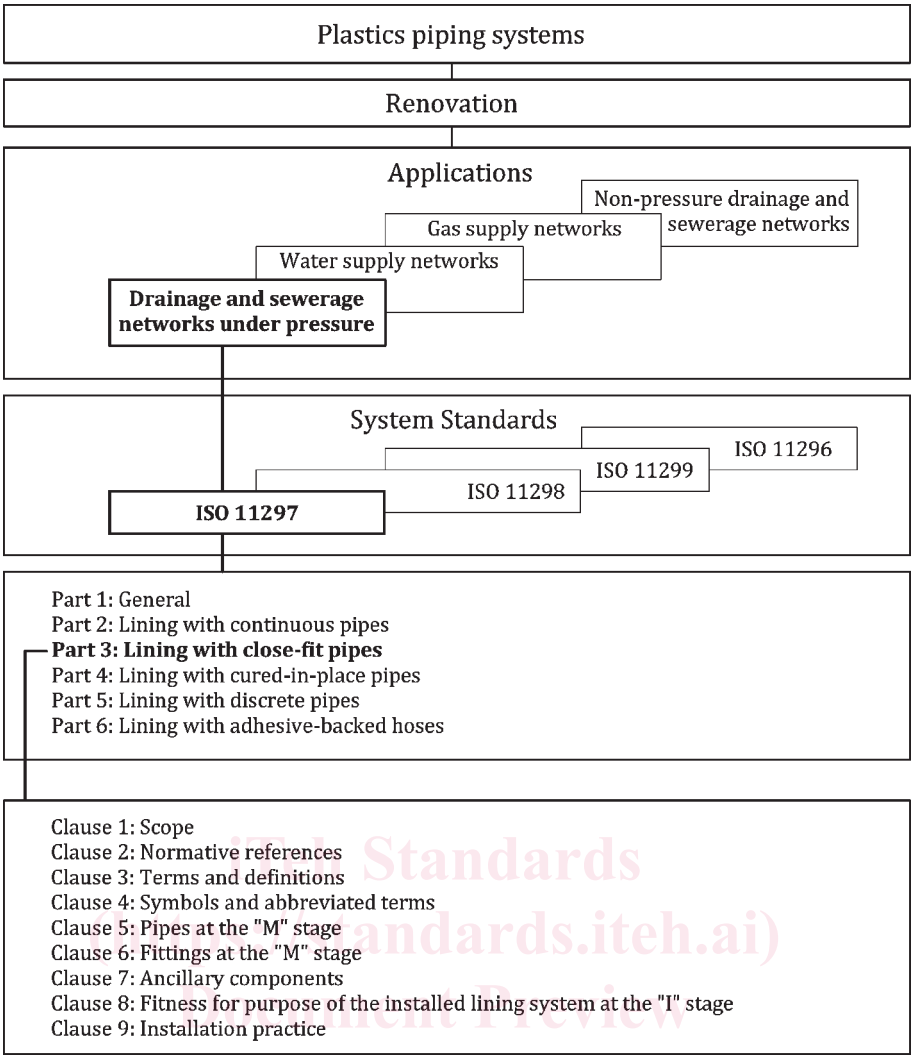

Figure 1 — Format of the renovation system standards