

SLOVENSKI STANDARD

SIST EN ISO 11296-4:2018/A1:2021

01-julij-2021

Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo za obratovanje brez tlaka (vodi s prosto gladino) - 4. del: Oblaganje s cevmi, utrjenimi na mestu vgradnje - Dopolnilo A1: Posodobljene definicije, zahteve za označevanje in alternativno navajanje rezultatov upogibnega preskusa (ISO 11296-4:2018/Amd 1:2021)

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes - Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results (ISO 11296-4:2018/Amd 1:2021)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten drucklosen Entwässerungsnetzen (Freispiegelröhren) - Teil 4: Vor Ort härtendes Schlauch-Lining - Änderung 1: Aktualisierung von Begriffen, Anforderungen an Kennzeichnungen und Verfahren für die alternative Angabe von Ergebnissen des Biegeversuchs (ISO 11296-4:2018/Amd 1:2021)

Ta slovenski standard je istoveten z: EN ISO 11296-4:2018/A1:2021

ICS:

23.040.05	Cevovodi za zunanje sisteme za odpadno vodo in njihovi deli	Pipeline and its parts for external sewage systems
91.140.80	Drenažni sistemi	Drainage systems
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

SIST EN ISO 11296-4:2018/A1:2021

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11296-4:2018/A1

May 2021

ICS 23.040.20; 23.040.45; 91.140.80; 93.030

English Version

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4:
Lining with cured-in-place pipes - Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results (ISO 11296-4:2018/Amd 1:2021)

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sans pression - Partie 4: Tubage continu par tubes polymérisés sur place - Amendement 1: Actualisation des définitions, des exigences de marquage, et de la procédure pour une autre expression des propriétés de flexion (ISO 11296-4:2018/Amd 1:2021)

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten drucklosen Entwässerungsnetzen (Freispiegelleitungen) - Teil 4: Vor Ort härzendes Schlauch-Lining - Änderung 1: Aktualisierung von Begriffen, Anforderungen an Kennzeichnungen und Verfahren für die alternative Angabe von Ergebnissen des Biegeversuchs (ISO 11296-4:2018/Amd 1:2021)

This amendment A1 modifies the European Standard EN ISO 11296-4:2018; it was approved by CEN on 24 December 2020.

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CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

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

EN ISO 11296-4:2018/A1:2021 (E)

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European foreword

This document (EN ISO 11296-4:2018/A1:2021) 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 Amendment to the European Standard EN ISO 11296-4:2018 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 11296-4:2018/Amd 1:2021 has been approved by CEN as EN ISO 11296-4:2018/A1:2021 without any modification.

[SIST EN ISO 11296-4:2018/A1:2021](#)

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INTERNATIONAL
STANDARD

ISO
11296-4

Second edition
2018-02

AMENDMENT 1
2021-02

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

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

iTeh STANDARDS REVIEW

(standards.iteh.a)

AMENDEMENT 1: Updated definitions,
marking requirements and procedure
for alternative expression of flexural

SIST EN ISO 11296-4:2018/A1:2021

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

Partie 4: Tubage continu par tubes polymérisés sur place

AMENDEMENT 1: Actualisation des définitions, des exigences de marquage, et de la procédure pour une autre expression des propriétés de flexion



Reference number
ISO 11296-4:2018/Amd.1:2021(E)

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Foreword

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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 of 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 www.iso.org/iso/foreword.html.

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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*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

A list of all parts in the ISO 11296 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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