
Industrija nafte in zemeljskega plina - Jeklene cevi za cevovodni transportni sistem - Dopolnilo A1 (ISO 3183:2012/Amd 1:2017)

Petroleum and natural gas industries - Steel pipe for pipeline transportation systems (ISO 3183:2012/Amd 1:2017)

Erdöl- und Erdgasindustrie - Stahlrohre für Rohrleitungstransportsysteme (ISO 3183:2012/Amd 1:2017)

Industries du pétrole et du gaz naturel - Tubes en acier pour les systèmes de transport par conduites (ISO 3183:2012/Amd 1:2017)

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Ta slovenski standard je istoveten z: EN ISO 3183:2012/A1:2018

ICS:

75.200	Oprema za skladiščenje nafte, naftnih proizvodov in zemeljskega plina	Petroleum products and natural gas handling equipment
77.140.75	Jeklene cevi in cevni profili za posebne namene	Steel pipes and tubes for specific use

SIST EN ISO 3183:2013/A1:2018**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 3183:2012/A1

March 2018

ICS 23.040.10

English Version

**Petroleum and natural gas industries - Steel pipe for
pipeline transportation systems - Amendment 1 (ISO
3183:2012/Amd 1:2017)**

Industries du pétrole et du gaz naturel - Tubes en acier
pour les systèmes de transport par conduites -
Amendement 1 (ISO 3183:2012/Amd 1:2017)

Erdöl- und Erdgasindustrie - Stahlrohre für
Rohrleitungstransportsysteme (ISO 3183:2012/Amd
1:2017)

This amendment A1 modifies the European Standard EN ISO 3183:2012; it was approved by CEN on 28 November 2017.

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.

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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.

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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 3183:2012/A1:2018) has been prepared by Technical Committee ISO/TC 67 “Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries” in collaboration with Technical Committee ECISS/TC 110 “Steel tubes, and iron and steel fittings” the secretariat of which is held by UNI.

This Amendment to the European Standard EN ISO 3183:2012 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2018, and conflicting national standards shall be withdrawn at the latest by September 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.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 3183:2012/Amd 1:2017 has been approved by CEN as EN ISO 3183:2012/A1:2018 without any modification.

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INTERNATIONAL
STANDARD

ISO
3183

Third edition
2012-11-01
AMENDMENT 1
2017-11

**Petroleum and natural gas
industries — Steel pipe for pipeline
transportation systems**

AMENDMENT 1

*Industries du pétrole et du gaz naturel — Tubes en acier pour les
systèmes de transport par conduites*

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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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This document was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, Subcommittee SC 2, *Pipeline transportation systems*.

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Petroleum and natural gas industries — Steel pipe for pipeline transportation systems

AMENDMENT 1

Annex M

Replace the whole Annex M with the following:

Annex M (normative)

PSL 2 pipe ordered for European onshore natural gas transmission pipelines

M.1 General

This annex specifies additional provisions that apply for PSL 2 pipe for European onshore natural gas transmission pipelines.

M.2 Additional information to be supplied by the purchaser

In addition to items a) to g) as specified by 7.1 and to items a) to c) as specified by 7.2, the purchase order shall indicate which of the following provisions apply for the specific order item:

- a) items that are subject to mandatory agreement, if applicable:
 - 1) chemical composition for pipe with $t > 25,0$ mm (0.984 in) (see M.4.1.2);
 - 2) carbon equivalent limit for Grades L415NE (X60NE) and L555QE (X80QE) (see Table M.1);
 - 3) tensile properties for pipe with $t > 25,0$ mm (0.984 in) (see M.4.2.1);
 - 4) minimum average absorbed energy (see M.4.4.1);
 - 5) diameter and out-of-roundness tolerances for the ends of SMLS pipe with $t > 25,0$ mm (0.984 in) (see Table M.3, footnote b);
 - 6) diameter and out-of-roundness tolerances for pipe with $D > 1\,422$ mm (56.000 in) (see Table M.3);
 - 7) type of inspection certificate (see M.7.1.1);
 - 8) party issuing the inspection certificate (see M.7.1.1);
- b) items that apply as prescribed, unless otherwise agreed:
 - 1) steel casting method for coil or plate used for the manufacture of welded pipe (see M.3.3.2.1);
 - 2) application of diameter tolerance to the outside diameter for pipe with $D \geq 610$ mm (24.000 in) (see Table M.3, footnote d);
 - 3) timing of NDT of HFW weld seam with outside diameter $D < 219,1$ mm (8.625 in) (see M.7.5.3);
 - 4) timing of NDT of full body seamless pipe (see M.7.5.3);
- c) items that apply, if agreed:
 - 1) approval of the quality system (see M.3.1);