

# SLOVENSKI STANDARD

## SIST EN ISO 21809-3:2016

01-december-2016

Nadomešča:  
SIST EN 10329:2006

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**Naftna industrija in industrija zemeljskega plina - Zunanje prevleke za cevovode, zakopane v zemljo ali potopljene v vodo, v sistemih cevovodnega transporta - 3. del: Prevleke spojev (ISO 21809-3:2016)**

Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 3: Field joint coatings (ISO 21809-3:2016)

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Erdöl- und Erdgasindustrie - Umhüllungen für erd- und wasserverlegte Rohrleitungen in Transportsystemen - Teil 3: Nachumhüllung der Schweißverbindungen (ISO 21809-3:2016)

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Industries du pétrole et du gaz naturel - Revêtements externes des conduites enterrées ou immergées utilisées dans les systèmes de transport par conduites - Partie 3: Revêtements des joints soudés sur site (ISO 21809-3:2016)

**Ta slovenski standard je istoveten z: EN ISO 21809-3:2016**

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**ICS:**

25.220.99	Druge obdelave in prevleke	Other treatments and coatings
75.200	Oprema za skladiščenje nafte, naftnih proizvodov in zemeljskega plina	Petroleum products and natural gas handling equipment

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EUROPEAN STANDARD

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**Petroleum and natural gas industries - External coatings  
for buried or submerged pipelines used in pipeline  
transportation systems - Part 3: Field joint coatings (ISO  
21809-3:2016)**

Industries du pétrole et du gaz naturel - Revêtements  
externes des conduites enterrées ou immergées  
utilisées dans les systèmes de transport par conduites -  
Partie 3: Revêtements des joints soudés sur site (ISO  
21809-3:2016)

Erdöl- und Erdgasindustrie - Umhüllungen für erd- und  
wasserverlegte Rohrleitungen in Transportsystemen -  
Teil 3: Nachumhüllungen (ISO 21809-3:2016)

This European Standard was approved by CEN on 17 March 2016.

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN ISO 21809-3:2016) 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 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 September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

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INTERNATIONAL  
STANDARD

ISO  
21809-3

Second edition  
2016-03-01

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**Petroleum and natural gas  
industries — External coatings for  
buried or submerged pipelines used  
in pipeline transportation systems —**

**Part 3:  
Field joint coatings**

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*Industries du pétrole et du gaz naturel — Revêtements externes  
des conduites enterrées ou immergées utilisées dans les systèmes de  
transport par conduites —*

*SIST EN ISO 21809-3:2016*

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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](http://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 WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, Subcommittee SC 2, *Pipeline transportation systems*.

This second edition cancels and replaces the first edition (ISO 21809-3:2008), which has been technically revised. It also incorporates the Amendment ISO 21809-3:2008/Amd 1:2011.

ISO 21809 consists of the following parts, under the general title *Petroleum and natural gas industries — External coatings for buried or submerged pipelines used in pipeline transportation systems*:

- *Part 1: Polyolefin coatings (3-layer PE and 3-layer PP)*
- *Part 2: Single layer fusion-bonded epoxy coatings*
- *Part 3: Field joint coatings*
- *Part 4: Polyethylene coatings (2-layer PE)*
- *Part 5: External concrete coatings*

Multilayer fusion bonded epoxy coatings is to form the subject of future part 6.

Coating repairs on rehabilitation is to form the subject of future part 11.