



SLOVENSKI STANDARD SIST EN ISO 16961:2024

01-julij-2024

Naftna in plinska industrija, vključno z nizkoogljično energijo - Notranji premazi in obloge jeklenih rezervoarjev za shranjevanje (ISO 16961:2024)

Oil and gas industries including lower carbon energy - Internal coating and lining of steel storage tanks (ISO 16961:2024)

Erdöl-, petrochemische und Erdgasindustrie - Innere Schutzbeschichtungen und Auskleidungen für überirdische Stahltanklager (ISO 16961:2024)

Industries du pétrole et du gaz y compris les énergies à faible teneur en carbone - Revêtement intérieur et doublure interne des réservoirs de stockage en acier (ISO 16961:2024)

Ta slovenski standard je istoveten z: EN ISO 16961:2024

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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

SIST EN ISO 16961:2024

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 16961

May 2024

ICS 75.200

Supersedes EN ISO 16961:2015

English Version

Oil and gas industries including lower carbon energy -
Internal coating and lining of steel storage tanks (ISO
16961:2024)

Industries du pétrole et du gaz y compris les énergies à
faible teneur en carbone - Revêtement intérieur et
doublure interne des réservoirs de stockage en acier
(ISO 16961:2024)

Erdöl-, petrochemische und Erdgasindustrie - Innere
Schutzbeschichtungen und Auskleidungen für
überirdische Stahltanklager (ISO 16961:2024)

This European Standard was approved by CEN on 15 May 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a 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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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 16961:2024) has been prepared by Technical Committee ISO/TC 67 "Oil and gas industries including lower carbon energy" in collaboration with Technical Committee CEN/TC 12 "Oil and gas industries including lower carbon energy" 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 November 2024, and conflicting national standards shall be withdrawn at the latest by November 2024.

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.

This document supersedes EN ISO 16961:2015.

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The text of ISO 16961:2024 has been approved by CEN as EN ISO 16961:2024 without any modification.

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International Standard

ISO 16961

Oil and gas industries including lower carbon energy — Internal coating and lining of steel storage tanks

*Industries du pétrole et du gaz y compris les énergies à faible
teneur en carbone — Revêtement intérieur et doublure interne
des réservoirs de stockage en acier*

**Second edition
2024-05**

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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 document 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).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

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This document was prepared by Technical Committee ISO/TC 67, *Oil and gas industries including lower carbon energy*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 12, *Oil and gas industries including lower carbon energy*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16961:2015), which has been technically revised.

The main changes are as follows:

- inclusion of lining selection criteria ([Clause 6](#));
- update of requirements for non-exposure and exposure tests ([Clause 6](#));
- clarification of the requirements in a pre-production trial ([Clause 6](#));
- update of the typical thicknesses based on industry standards ([Clause 8](#));
- update of references throughout this document.

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.

ISO 16961:2024(en)**Introduction**

The objectives of this document are to define technical requirements for the corrosion protection by coating and lining of internal surfaces of steel storage tanks, to provide technical guidance for developing local standards and specifications, and to ensure conformance in coating and lining material selection and performance with contract requirements.

Where an alternative is proposed, the specification issuer needs to identify any deviations from this document and provide details.

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