SLOVENSKI STANDARD
SIST EN ISO 15741:2021

01-april-2021

Barve in laki - Premazi za zmanjšanje trenja v notranjosti jeklenih cevovodov na kopnem in na morju za nekorozivne pline (ISO 15741:2016)

Paints and varnishes - Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases (ISO 15741:2016)

Beschichtungsstoffe - Reibungsreduzierende Beschichtungen für das Innere von Stahlrohrleitungen im On- und Offshore-Bereich für nicht korrosive Gase (ISO 15741:2016)

Peintures et vernis Revêtements réduisant le frottement pour l'intérieur de gazoducs en acier enterrés et immergés pour le transport de gaz non corrosifs (ISO 15741:2016)

Ta slovenski standard je istoveten z: **EN ISO 15741:2021**

ICS:

87.040	Barve in laki	Paints and varnishes

SIST EN ISO 15741:2021 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 15741

February 2021

ICS 87.020

English Version

Paints and varnishes - Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases (ISO 15741:2016)

Peintures et vernis - Revêtements réduisant le frottement pour l'intérieur de gazoducs en acier enterrés et immergés pour le transport de gaz non corrosifs (ISO 15741:2016)

Beschichtungsstoffe - Reibungsreduzierende Beschichtungen für das Innere von Stahlrohrleitungen im On- und Offshore-Bereich für nicht korrosive Gase (ISO 15741:2016)

This European Standard was approved by CEN on 18 January 2021.

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

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European foreword

The text of ISO 15741:2016 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 15741:2021 by Technical Committee CEN/TC 139 "Paints and varnishes" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by August 2021, and conflicting national standards shall be withdrawn at the latest by August 2021.

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Endorsement notice

The text of ISO 15741:2016 has been approved by CEN as EN ISO 15741:2021 without any modification.

INTERNATIONAL STANDARD

ISO 15741

Second edition
2016-11-15

Paints and varnishes — Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases

Peintures et vernis — Revêtements réduisant le frottement pour l'intérieur de gazoducs en acier enterrés et immergés pour le transport de gaz non corrosifs

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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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The committee responsible for this document is ISO/TC 35, *Paints and varnishes*, Subcommittee SC 14, *Protective paint systems for steel structures*.

This second edition cancels and replaces the first edition (ISO 15741:2001), which has been technically revised.

Introduction

Internal coating of pipelines is used to reduce friction and improve the flow conditions when conveying non-corrosive gases, and to offer sufficient corrosion protection during storage and transport of the pipes. The reduction in friction depends on various parameters like the pressure and temperature of the gas, and the diameter of the pipe. Therefore, it is not possible to give a single figure for this reduction in friction.

In order to establish sufficient corrosion protection and to ensure optimum performance of the internal coating in the steel pipes, it is necessary for owners of pipelines, planners, consultants, companies carrying out the work, inspectors of protective coatings and manufacturers of coating materials to have at their disposal state-of-the-art information in concise form including requirements for the coating. Such information has to be as complete as possible, unambiguous and easily understandable to avoid difficulties and misunderstandings between the parties concerned.