Petroleum and natural gas industries -Care and use of casing and tubing

Petroleum and natural gas industries - Care and use of casing and tubing



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 10405:2006 sisaldab Euroopa standardi EN ISO 10405:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 21.12.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti	This Estonian standard EVS-EN ISO 10405:2006 consists of the English text of the European standard EN ISO 10405:2006. This document is endorsed on 21.12.2006 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian
standardiorganisatsioonist.	standardisation organisation.
Käsitlusala: This International Standard establishes practices for care and use of casing and tubing. It specifies practices for running and pulling casing and tubing, including drifting, stabbing, making up and lowering, field makeup, drifting and landing procedures. Also included are causes of trouble, as well as transportation, handling and storage, inspection and field welding of attachments.	Scope: This International Standard establishes practices for care and use of casing and tubing. It specifies practices for running and pulling casing and tubing, including drifting, stabbing, making up and lowering, field makeup, drifting and landing procedures. Also included are causes of trouble, as well as transportation, handling and storage, inspection and field welding of attachments.
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EUROPEAN STANDARD NORME EUROPÉENNE **EUROPÄISCHE NORM**

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English Version

Petroleum and natural gas industries - Care and use of casing and tubing (ISO 10405:2000)

Industries du pétrole et du gaz naturel - Entretien et utilisation des tubes de cuvelage et de production (ISO 10405:2000)

Erdöl- und Erdgasindustrie - Pflege und Gebrauch von Futterrohren und Steigrohren (ISO 10405:2000)

This European Standard was approved by CEN on 9 November 2006.

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 Central Secretariat or to any CEN member.

This European Standard 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 Central Secretariat has the same status as the official versions.

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Ref. No. EN ISO 10405:2006: E

Foreword

The text of ISO 10405:2000 has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum and natural gas industries" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10405:2006 by Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries", the secretariat of which is held by AFNOR.

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 May 2007, and conflicting national standards shall be withdrawn at the latest by May 2007.

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

Endorsement notice

The text of ISO 10405:2000 has been approved by CEN as EN ISO 10405:2006 without any modifications.

INTERNATIONAL STANDARD



Second edition 2000-03-01

Petroleum and natural gas industries — Care and use of casing and tubing

, du , age et . Industries du pétrole et du gaz naturel — Entretien et utilisation des tubes



Reference number ISO 10405:2000(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 10405 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum and natural gas industries*, Subcommittee SC 5, *Casing, tubing and drill pipe*.

This second edition cancels and replaces the first edition (ISO 10405:1993), which has been technically revised.

Annex A of this International Standard is for information only.

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Petroleum and natural gas industries — Care and use of casing and tubing

1 Scope

This International Standard establishes practices for care and use of casing and tubing. It specifies practices for running and pulling casing and tubing, including drifting, stabbing, making up and lowering, field makeup, drifting and landing procedures. Also included are causes of trouble, as well as transportation, handling and storage, inspection and field welding of attachments.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 10400:1993, Petroleum and natural gas industries — Formulae and calculation for casing, tubing, drill pipe and line pipe properties [API Bul 5C3, Bulletin on Formulas and Calculations for Casing, Tubing, Drill Pipe, and Line Pipe Properties].

ISO 10422:1993, Petroleum and natural gas industries — Threading, gauging, and thread inspection of casing, tubing and line pipe threads — Specification [API Spec 5B, Specification for Threading, Gauging, and Thread Inspection of Casing, Tubing, and Line Pipe Threads].

ISO 11960:—¹⁾, Petroleum and natural gas industries — Steel pipes for use as casing or tubing for wells [API Spec 5CT, Specification for Casing and Tubing].

API²⁾ Bul 5A3, Bulletin on Thread Compounds for Casing, Tubing, and Line Pipe.

API Bul 5C2, Bulletin on Performance Properties of Casing, Tubing, and Drill Pipe.

AWS³⁾ Spec A5.1, *Covered Carbon Steel Arc Welding Electrodes*.

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¹⁾ To be published. (Revision of ISO 11960:1996)

²⁾ American Petroleum Institute, 1220 L Street NW, Washington DC, USA.

³⁾ American Welding Society, 550 N.W. LeJeune Rd, PO Box 351040, Miami, FL 33135, USA.