

SLOVENSKI STANDARD SIST EN ISO 13628-1:2006/oprA1:2008

01-februar-2008

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Petroleum and natural gas industries - Design and operation of subsea production systems - Part 1: General requirements and recommendations - Amendment 1: Revised Clause 6 (ISO 13628-1:2005/DAM 1:2007)

Erdöl- und Erdgasindustrie - Auslegung und Betrieb von Unterwasser-Produktionssystemen - Teil 1: Allgemeine Anforderungen und Empfehlungen (ISO 13628 -1:2005/DAM 1:2007)

Industries du pétrole et du gaz naturel - Conception et exploitation des systemes de production immergés - Partie 1: Exigences générales et recommandations - Amendement 1: Révision de l'Article 6 (ISO 13628-1:2005/DAM 1:2007)

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75.180.10

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

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English Version

Petroleum and natural gas industries - Design and operation of subsea production systems - Part 1: General requirements and recommendations - Amendment 1: Revised Clause 6 (ISO 13628-1:2005/DAM 1:2007)

Industries du pétrole et du gaz naturel - Conception et exploitation des systèmes de production immergés - Partie 1: Exigences générales et recommandations - Amendement 1: Révision de l'Article 6 (ISO 13628-1:2005/DAM 1:2007)

This draft amendment is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 12.

This draft amendment A1, if approved, will modify the European Standard EN ISO 13628-1:2005. If this draft becomes an amendment, 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.

This draft amendment was established by CEN 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 Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 13628-1:2005/prA1:2007 (E)

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Foreword

This document (EN ISO 13628-1:2005/prA1:2007) has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum and natural gas industries" in collaboration with 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 document is currently submitted to the parallel Enquiry.

Endorsement notice

The text of ISO/DAM 13628-1:2005 has been approved by CEN as a EN ISO 13628-1:2005/prA1:2007 without any modification.



DRAFT AMENDMENT ISO 13628-1:2005/DAmd 1

ISO/TC 67/SC 4 Secretariat: ANSI

Voting begins on: Voting terminates on:

2007-11-01 2008-04-01

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Petroleum and natural gas industries — Design and operation of subsea production systems —

Part 1:

General requirements and recommendations

AMENDMENT 1: Revised Clause 6

Industries du pétrole et du gaz naturel — Conception et exploitation des systèmes de production immergés —

Partie 1: Exigences générales et recommandations

AMENDEMENT 1: Révision de l'Article 6

ICS 75.180.10

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The CEN Secretary-General has advised the ISO Secretary-General that this ISO/DIS covers a subject of interest to European standardization. In accordance with the ISO-lead mode of collaboration as defined in the Vienna Agreement, consultation on this ISO/DIS has the same effect for CEN members as would a CEN enquiry on a draft European Standard. Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month FDIS vote in ISO and formal vote in CEN.

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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.

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Amendment 1 to ISO 13628-1:2005 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, Subcommittee SC 4, *Drilling and production equipment*.

Petroleum and natural gas industries — Design and operation of subsea production systems —

Part 1:

General requirements and recommendations

AMENDMENT 1: Revised Clause 6

Page iii Contents Clause 6 delete and insert the following Contents list:

- 6 Materials and corrosion protection
- 6.1 General principals
- 6.2 Corrosivity eveluation
- 6.2.1 Design premise
- 6.2.2 Internal corrosion
- 6.2.3 External corrosion
- 6.3 Corrosion mitigation
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- 6.3.2 Weld overlay
- 6.3.3 Chemical treatment
- 6.3.4 Cathodic protection
- 6.3.5 Use of coating
- 6.4 Material selection
- 6.4.1 Subsea systems
- 6.4.2 Bolts
- 6.4.3 Seals and Gaskets
- 6.4.4 Non- Metallic materials
- 6.4.5 Umbilicals
- NOTE Similar subclauses on each product group, with references to the relevant ISO 13628 X, will be evaluated for inclusion later.
- 6.5 Design limitations for candidate materials
- 6.5.1 General

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