

**ČESKÁ TECHNICKÁ NORMA**

**Naftový a plynárenský průmysl –  
Materiály pro využití v prostředí obsahujícím H<sub>2</sub>S  
z těžby ropy a zemního plynu –  
Část 1: Všeobecné zásady pro výběr materiálů  
odolných proti tvorbě trhlin**





EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

**EN ISO 15156-1:2001/AC**

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English version  
Version Française  
Deutsche Fassung

Petroleum and natural gas industries - Materials for use in H<sub>2</sub>S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials (ISO 15156-1:2001/Cor.1:2005)

Industries du pétrole et du gaz naturel - Matériaux pour utilisation en présence de H<sub>2</sub>S dans la production de pétrole et de gaz naturel - Partie 1: Principes généraux pour le choix des matériaux résistant au craquage (ISO 15156-1:2001/Cor.1:2005)

Erdöl- und Erdgasindustrie - Werkstoffe für den Einsatz in H<sub>2</sub>S-haltiger Umgebung bei der Öl- und Gasgewinnung - Teil 1: Allgemeine Grundlagen für die Auswahl von gegen Rissbildung beständigen Werkstoffen (ISO 15156-1:2001/Cor.1:2005)

This corrigendum becomes effective on 1 March 2006 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 1 mars 2006 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 1.März 2006 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



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

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**EN ISO 15156-1:2001/AC:2006 (E/F/D)**

## **English version**

### **Endorsement Notice**

The text of ISO 15156-1:2001/Cor.1:2005 has been approved by CEN as a European Corrigendum without any modifications.

## **Version française**

### **Notice d'entérinement**

Le texte de l'ISO 15156-1:2001/Cor.1:2005 a été approuvé par le CEN comme Corrigendum européen sans aucune modification.



**INTERNATIONAL STANDARD ISO 15156-1:2001**  
**TECHNICAL CORRIGENDUM 1**

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**Petroleum and natural gas industries — Materials for use in  
H<sub>2</sub>S-containing environments in oil and gas production —**  
**Part 1:**  
**General principles for selection of cracking-resistant materials**

TECHNICAL CORRIGENDUM 1

*Industries du pétrole et du gaz naturel — Matériaux pour utilisation en présence de H<sub>2</sub>S dans la production de pétrole et de gaz naturel —*

*Partie 1: Principes généraux pour le choix des matériaux résistant au craquage*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO 15156-1 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries.*

Page 2, Table 1 — List of equipment:

Replace Table 1 with the following:

**Table 1— List of equipment**

ISO 15156-1 is applicable to materials used for the following equipment	Permitted exclusions
Drilling, well construction and well-servicing equipment	Equipment only exposed to drilling fluids of controlled composition <sup>a</sup> Drill bits Blowout Preventer (BOP) shear blades <sup>b</sup> Drilling riser systems Work strings Wireline and wireline equipment <sup>c</sup> Surface and intermediate casing
Wells, including subsurface equipment, gas lift equipment, wellheads and christmas trees	Sucker rod pumps and sucker rods <sup>d</sup> Electric submersible pumps Other artificial lift equipment Slips
Flowlines, gathering lines, field facilities and field processing plants	Crude oil storage and handling facilities operating at a total absolute pressure below 0,45 MPa (65 psi)
Water-handling equipment	Water-handling facilities operating at a total absolute pressure below 0,45 MPa (65 psi) Water injection and water disposal equipment <sup>e</sup>
Natural gas treatment plants	—
Transportation pipelines for liquids, gases and multiphase fluids	Lines handling gas prepared for general commercial and domestic use
For all equipment above	Components loaded only in compression
<p><sup>a</sup> See ISO 15156-2:2003, A.2.3.2.3 for more information.</p> <p><sup>b</sup> See ISO 15156-2:2003, A.2.3.2.1 for more information.</p> <p><sup>c</sup> Wireline lubricators and lubricator connecting devices are not permitted exclusions.</p> <p><sup>d</sup> For sucker rod pumps and sucker rods, reference can be made to NACE MR0176.</p> <p><sup>e</sup> For water injection and water disposal, reference can be made to NACE RP0475.</p>	

Page 10, Bibliography:

Add the following:

- [7] NACE RP0475, *Selection of Metallic Materials to Be Used in All Phases of Water Handling for Injection into Oil-Bearing Formations*



U p o z o r n ě n í : Změny a doplňky, jakož i zprávy o nově vydaných normách jsou uveřejňovány ve Věstníku Úřadu pro technickou normalizaci, metrologii a státní zkušebnictví.

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