



**INTERNATIONAL STANDARD ISO 15156-3:2020**  
**TECHNICAL CIRCULAR 1**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

• МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

• ORGANISATION INTERNATIONALE DE NORMALISATION

**Petroleum and natural gas industries — Materials for use in H<sub>2</sub>S-containing environments in oil and gas production —**

**Part 3:**  
**Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys**

**TECHNICAL CIRCULAR 1**

*Industries du pétrole et du gaz naturel — Matériaux pour utilisation dans des environnements contenant de l'hydrogène sulfuré (H<sub>2</sub>S) dans la production de pétrole et de gaz —*

*Partie 3: ARC (alliages résistants à la corrosion) et autres alliages résistants à la fissuration*

**CIRCULAIRE TECHNIQUE 1**

Technical Circular 1 to ISO 15156-3 was prepared by the ISO 15156 Maintenance Agency on behalf of Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*.

## Foreword

The establishment of the ISO 15156 Maintenance Agency was confirmed by the ISO Technical Management Board in June 2007. A copy of the TMB Vote-Form Number: 34/2007 giving the rules of procedure for the maintenance agency can be obtained from the ISO TMB Secretariat. It is also available from the ISO 15156 website at [www.iso.org/iso15156maintenance](http://www.iso.org/iso15156maintenance).

ISO 15156 series has, since publication, been amended by a number of Technical Corrigenda and Technical Circulars and consists of the following parts, under the general title *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 (2020)*
  - *Technical Circular 1, ISO 15156-1:2020/Cir.1:2021(E) (2021-12-09)*
- *Part 2: Cracking-resistant carbon and low alloy steels, and the use of cast irons (2020)*
  - *Technical Circular 1, ISO 15156-2:2020/Cir.1:2021(E) (2021-12-09)*
- *Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys (2020)*
  - *Technical Circular 1, ISO 15156-3:2020/Cir.1:2021(E) (2021-12-09)*

As applicable, subsequent publications resulting in new editions of an individual part of ISO 15156, effectively replace the corresponding set of documents shown above. Information on the latest status of these documents can be obtained from [www.iso.org/iso15156maintenance](http://www.iso.org/iso15156maintenance).

Changes to ISO 15156-3:2020 introduced by this Technical Circular 1, ISO 15156-3:2020/Cir.1:2021(E), are shown in the document below in blue.