

SLOVENSKI STANDARD
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Naftna in plinska industrija, vključno z nizkoogljično energijo - Materiali za uporabo v okoljih s H2S v proizvodnji olja in plina - 3. del: Zahteve za preverjanje, kvalifikacijo in glasovanje (ISO/DIS 15156-3:2025)

Oil and gas industries including lower carbon energy - Materials for use in H2S-containing environments in oil and gas production - Part 3: Verification, qualification and balloting requirements (ISO/DIS 15156-3:2025)

Öl- und Gasindustrie einschließlich kohlenstoffreicher Energieträger - Werkstoffe für den Einsatz in H₂S-haltiger Umgebung bei der Öl- und Gasgewinnung - Teil 3: Anforderungen an Verifizierung, Qualifizierung und Abstimmung (ISO/DIS 15156-3:2025)

Industries du pétrole et du gaz naturel - Matériaux pour utilisation dans des environnements contenant de l'hydrogène sulfuré (H₂S) dans la production de pétrole et de gaz - Partie 3: Exigences relatives à la vérification, à la qualification et au vote (ISO/DIS 15156-3:2025)

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ISO/DIS 15156-3

Oil and gas industries including lower carbon energy — Materials for use in H₂S-containing environments in oil and gas production —

Part 3:
Verification, qualification and balloting requirements

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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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This document was prepared by Technical Committee ISO/TC 67, *Oil and gas industries including lower carbon energy*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 12, *Oil and gas industries including lower carbon energy*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fifth edition cancels and replaces the fourth edition (ISO 15156-3:2020), which has been technically revised. The main changes compared to the previous edition are as follows:

- this is a rewritten and reorganized edition with main changes compared to the previous editions.
- ISO 15156 series consists of the following parts:
 - Part 1: Materials and materials processing requirements;
 - Part 2: Service environment assessment and material selection;
 - Part 3: Verification, qualification and balloting requirements.
- materials sampling has more detail in [Clause 6](#) and [Annex A](#) provides information for sampling from specific equipment or product;
- improved information is provided on test methods and selection in [Clause 7](#);
- laboratory testing has been clarified in respect of verification, qualification and balloting in [Clause 8](#)
- separation of verification (in [Clause 9](#) and [Annex B](#)), qualification (in [Clause 10](#) and [Annex C](#)) and balloting (in [Annex D](#)) with improved clarity on requirements.

A list of all parts in the ISO 15156 series can be found on the ISO website.

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