Kryogénne nádoby Čistota v kryogénnej prevádzke (ISO 23208: 2017) STN EN ISO 23208 69 7200

Cryogenic vessels - Cleanliness for cryogenic service (ISO 23208:2017)

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

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Récipients cryogéniques - Propreté en service cryogénique (ISO 23208:2017)

Kryo-Behälter - Reinheit für den tiefkalten Betrieb (ISO 23208:2017)

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EN ISO 23208:2019 (E)

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European foreword

The text of ISO 23208:2017 has been prepared by Technical Committee ISO/TC 220 "Cryogenic vessels" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 23208:2019 by Technical Committee CEN/TC 268 "Cryogenic vessels and specific hydrogen technologies applications" 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of an identical text or by endorsement, at the latest by September 2019, and conflicting national standards shall be withdrawn at the latest by September 2019.

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This document supersedes EN 12300:1998.

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The text of ISO 23208:2017 has been approved by CEN as EN ISO 23208:2019 without any modification.

INTERNATIONAL STANDARD

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Cryogenic vessels — Cleanliness for cryogenic service

Récipients cryogéniques — Propreté en service cryogénique



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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 220, Cryogenic vessels.

This second edition cancels and replaces the first edition (ISO 23208:2005), which has been technically revised. The main changes are in 4.1.

Cryogenic vessels — Cleanliness for cryogenic service

1 Scope

This document specifies the minimum requirements for the cleanliness of all surfaces of cryogenic vessels and associated accessories that are in contact with the cryogenic fluid at any expected operating conditions.

This document defines the acceptable level of surface and particle contamination to minimize the risk of malfunction of equipment and ensure safety against ignition when in contact with oxygen or oxidizing fluids (see ISO 10156).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 21010, Cryogenic vessels — Gas/materials compatibility

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