

SLOVENSKI STANDARD SIST EN ISO 21009-2:2025

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Nadomešča:

SIST EN ISO 21009-2:2016

Kriogene posode - Stabilne, vakuumsko izolirane posode - 2. del: Zahteve za obratovanje (ISO 21009-2:2024)

Cryogenic vessels - Static vacuum insulated vessels - Part 2: Operational requirements (ISO 21009-2:2024)

Kryo-Behälter - Ortsfeste vakuumisolierte Behälter - Teil 2: Betriebsanforderungen (ISO 21009-2:2024)

Récipients cryogéniques - Récipients fixes isolés sous vide - Partie 2: Exigences de fonctionnement (ISO 21009-2:2024)

Ta slovenski standard je istoveten z: EN ISO 21009-2:2024

ICS:

23.020.40 Proti mrazu odporne posode Cryogenic vessels

(kriogenske posode)

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

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English Version

Cryogenic vessels - Static vacuum-insulated vessels - Part 2: Operational requirements (ISO 21009-2:2024)

Récipients cryogéniques - Récipients fixes isolés sous vide - Partie 2: Exigences de fonctionnement (ISO 21009-2:2024)

Kryo-Behälter - Ortsfeste vakuumisolierte Behälter - Teil 2: Betriebsanforderungen (ISO 21009-2:2024)

This European Standard was approved by CEN on 1 October 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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-CENELEC Management Centre has the same status as the official versions.

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

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EN ISO 21009-2:2024 (E)

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European foreword

This document (EN ISO 21009-2:2024) has been prepared by Technical Committee ISO/TC 220 "Cryogenic vessels" in collaboration with 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 April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 21009-2:2015.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 21009-2:2024 has been approved by CEN as EN ISO 21009-2:2024 without any modification.

Annex ZA

(informative)

Relationship between this European Standard and the essential requirements of Directive 2014/68/EU (Pressure Equipment Directive) aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/601 to provide one voluntary means of conforming to essential requirements of 2014/68/EU (Pressure equipment Directive).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Annex I of Directive 2014/68/EU (Pressure Equipment Directive)

Essential Requirements of Directive 2014/68/EU	Clause(s)/subclause(s) of this EN	Remarks/Notes
3.4 a (ht	Clauses 5.1, 6, 7, 8, 9, 10, 11 and 12	Operating instructions
3.4 b	Document Previ	ew
3.4 c	-	

Table ZA.2 — Applicable Standards to confer presumption of conformity as described 21009-2-2025 in this Annex ZA

Reference in Clause 2	International Standard Edition	Title	Corresponding European Standard Edition
ISO 23208	ISO 23208:2017	Cryogenic vessels — Cleanliness for cryogenic service	EN ISO 23208:2019
ISO 21009-1	ISO 21009-1:2022	Cryogenic vessels — Static vacuum-insulated vessels — Part 1: Design, fabrication, inspection and tests	None. For applicable standard edition see Column 2

The documents listed in the Column 1 of Table ZA.2, in whole or in part, are normatively referenced in this document, i.e. are indispensable for its application. The achievement of the presumption of conformity is subject to the application of the edition of Standards as listed in Column 4 or, if no European Standard Edition exists, the International Standard Edition given in Column 2 of Table ZA.2.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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International Standard

ISO 21009-2

Third edition

2024-09

Cryogenic vessels — **Static vacuum-insulated vessels** —

Part 2:

Operational requirements h Standards

Récipients cryogéniques — Récipients fixes isolés sous vide —

Partie 2: Exigences de fonctionnement

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ISO 21009-2:2024(en)

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