

TERVISHOIUTOODETE ASEPTILINE TÖÖTLEMINE. OSA
6: ISOLAATORSÜSTEEMID

Aseptic processing of health care products - Part 6:
Isolator systems (ISO 13408-6:2021)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 13408-6:2021 sisaldab Euroopa standardi EN ISO 13408-6:2021 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 13408-6:2021 consists of the English text of the European standard EN ISO 13408-6:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 19.05.2021.	Date of Availability of the European standard is 19.05.2021.
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English Version

Aseptic processing of health care products - Part 6: Isolator systems (ISO 13408-6:2021)

Traitement aseptique des produits de santé - Partie 6:
Systèmes isolateurs (ISO 13408-6:2021)

Aseptische Herstellung von Produkten für die
Gesundheitsfürsorge - Teil 6: Isolatorensysteme (ISO
13408-6:2021)

This European Standard was approved by CEN on 7 June 2020.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 9 June 2021.

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

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European foreword

This document (EN ISO 13408-6:2021) has been prepared by Technical Committee ISO/TC 198 "Sterilization of health care products" in collaboration with Technical Committee CEN/TC 204 "Sterilization of medical devices" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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 13408-6:2011 + A1:2013.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZA and ZB which are an integral parts of this document.

This document is an adoption of an International Standard. As the scope of the applicable regulatory requirements differ from nation to nation and region to region, the scope of this document can differ from the scope of the European Regulations that it supports. This document supports European regulatory requirements only to the extent of the scope of the European regulations for medical devices and in vitro diagnostic medical devices. For relationship with EU Regulations, see informative Annex ZA and ZB, which are an integral part of this document.

The following referenced documents are indispensable for the application of this document. For undated references, the latest edition of the referenced document (including any amendments) applies. For dated references, only the edition cited applies. However, for any use of this standard 'within the meaning of Annexes ZA and ZB, the user should always check that any referenced document has not been superseded and that its relevant contents can still be considered the generally acknowledged state-of-art.

When an IEC or ISO standard is referred to in the ISO standard text, this should be understood as a normative reference to the corresponding EN standard, if available, and otherwise to the dated version of the ISO or IEC standard as listed below.

NOTE The way in which these referenced documents are cited in normative requirements determines the extent (in whole or in part) to which they apply.

Table – Correlation between normative references and dated EN and ISO standards

Normative references as listed in Clause 2 of the ISO standard	Equivalent dated standard	
	EN	ISO
ISO 11139	EN ISO 11139:2018	ISO 11139:2018
ISO 13408-1:2008	EN ISO 13408-1:2015	ISO 13408-1:2008
ISO 13408-4	EN ISO 13408-4:2011	ISO 13408-4:2005
ISO 13408-7	EN ISO 13408-7:2015	ISO 13408-7:2012
ISO 14644-1:2015	EN ISO 14644-1:2015	ISO 14644-1:2015
ISO 14644-7	EN ISO 14644-7:2004	ISO 14644-7:2004
ISO 18362:2016	No equivalent	ISO 18362:2016
ISO/IEC/IEEE 90003	No equivalent	ISO/IEC/IEEE 90003:2018

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Endorsement notice

The text of ISO 13408-6:2021 has been approved by CEN as EN ISO 13408-6:2021 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the General Safety and Performance requirements of Regulation (EU) 2017/745 aimed to be covered

This European standard has been prepared under a Commission's standardisation request to provide one voluntary means of conforming to the General Safety and Performance Requirements of Regulation (EU) 2017/745 of 5 April 2017 concerning medical devices [OJ L 117].

Once this standard is cited in the Official Journal of the European Union under that Regulation, 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 General Safety and Performance requirements of that Regulation, and associated EFTA regulations.

NOTE 1 Where a reference from a clause of this standard to the risk management process is made, the risk management process needs to be in compliance with Regulation (EU) 2017/745. This means that risks have to be 'reduced as far as possible', 'reduced to the lowest possible level', 'reduced as far as possible and appropriate', 'removed or reduced as far as possible', 'eliminated or reduced as far as possible', 'removed or minimized as far as possible', or 'minimized', according to the wording of the corresponding General Safety and Performance Requirement.

NOTE 2 The manufacturer's policy for determining acceptable risk must be in compliance with General Safety and Performance Requirements 1, 2, 3, 4, 5, 8, 9, 10, 11, 14, 16, 17, 18, 19, 20, 21 and 22 of the Regulation.

NOTE 3 This Annex ZA is based on normative references according to the table of references in the European Foreword, replacing the references in the core text.

NOTE 4 When a General Safety and Performance Requirement does not appear in Table ZA.1, it means that it is not addressed by this European Standard.

Table ZA.1 — Correspondence between this European Standard and Annex I of Regulation (EU) 2017/745 [OJ L 117]

General Safety and Performance Requirements of Regulation (EU) 2017/745	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
11.3	4,5,6,7,8,9,10	<p>This standard provides requirements for the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing.</p> <p>This General Safety and Performance Requirement is addressed only with regard to devices for which use of isolators for aseptic processing is appropriate.</p> <p>In conjunction with EN ISO 13408-1, this relevant General Safety and Performance Requirement is only partly addressed in this European Standard. Design and packaging for maintenance of sterility are not covered. Aspects of manufacture other</p>

		than those related to maintenance of a specific microbial state by aseptic processing within an isolator are not covered.
11.4 first sentence only	4,5,6,7,8,9,10	<p>This standard provides requirements for the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing.</p> <p>This General Safety and Performance Requirement is addressed only with regard to devices for which use of isolators for aseptic processing is appropriate.</p> <p>In conjunction with EN ISO 13408-1, this relevant General Safety and Performance Requirement is only partly addressed in this European Standard. Design and packaging for maintenance of sterility are not covered. Evidence that the integrity of the packaging is maintained to the point of use is not covered. Aspects of manufacture other than those related to maintenance of sterility during aseptic processing within an isolator are not covered.</p>
11.5	4,5,6,7,8,9,10	<p>This standard provides requirements for the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing.</p> <p>This General Safety and Performance Requirement is addressed only with regard to devices for which use of isolators for aseptic processing is appropriate.</p> <p>In conjunction with EN ISO 13408-1, this relevant General Safety and Performance Requirement is only partly addressed in this European Standard. Design and packaging for maintenance of sterility is not covered. Aspects of manufacture other than those related to maintenance of sterility during aseptic processing within an isolator are not covered.</p>

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.

Annex ZB (informative)

Relationship between this European Standard and the General Safety and Performance Requirements of Regulation (EU) 2017/746 aimed to be covered

This European standard has been prepared under a Commission's standardisation request to provide one voluntary means of conforming to the General Safety and Performance Requirements of Regulation (EU) 2017/746 of 5 April 2017 concerning in vitro diagnostic medical devices [O] L 117].

Once this standard is cited in the Official Journal of the European Union under that Regulation, compliance with the normative clauses of this standard given in Table ZB.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding General Safety and Performance Requirements of that Regulation, and associated EFTA regulations.

NOTE 1 Where a reference from a clause of this standard to the risk management process is made, the risk management process needs to be in compliance with Regulation (EU) 2017/746. This means that risks have to be 'reduced as far as possible', 'reduced to a level as low as reasonably practicable', 'reduced to the lowest possible level', 'reduced as far as possible and appropriate', 'removed or reduced as far as possible', 'eliminated or reduced as far as possible', 'prevented' or 'minimized', according to the wording of the corresponding General Safety and Performance Requirement.

NOTE 2 The manufacturer's policy for determining acceptable risk must be in compliance with General Safety and Performance Requirements 1, 2, 3, 4, 5, 8, 10, 11, 13, 15, 16, 17, 18 and 19 of the Regulation.

NOTE 3 This Annex ZB is based on normative references according to the table of references in the European Foreword, replacing the references in the core text.

NOTE 4 When a General Safety and Performance Requirement does not appear in Table ZB.1, it means that it is not addressed by this European Standard.

Table ZB.1 — Correspondence between this European standard and Annex I of Regulation (EU) 2017/746 [O] L 117]

General Safety and Performance Requirements of Regulation (EU) 2017/746	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
11.2	4,5,6,7,8,9,10	<p>This standard provides requirements for the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing.</p> <p>This General Safety and Performance Requirement is addressed only with regard to devices for which use of isolators for aseptic processing is appropriate.</p> <p>In conjunction with EN ISO 13408-1, this relevant General Safety and</p>

		Performance Requirement is only partly addressed in this European Standard. Design and packaging for maintenance of sterility are not covered. Aspects of manufacture other than those related to maintenance of a specific microbial state by aseptic processing within an isolator are not covered.
11.3	4,5,6,7,8,9,10	<p>This standard provides requirements for the specification, selection, qualification, bio-decontamination, validation, operation and control of isolator systems related to aseptic processing.</p> <p>This General Safety and Performance Requirement is addressed only with regard to devices for which use of isolators for aseptic processing is appropriate.</p> <p>In conjunction with EN ISO 13408-1, this relevant General Safety and Performance Requirement is only partly addressed in this European Standard. Design and packaging for maintenance of sterility is not covered. Aspects of manufacture other than those related to maintenance of sterility during aseptic processing within an isolator are not covered.</p>

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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