

SLOVENSKI STANDARD SIST EN ISO 1135-4:2012

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Nadomešča:

SIST EN ISO 1135-4:2010

Transfuzijska oprema za uporabo v medicini - 4. del: Transfuzijske garniture za enkratno uporabo (ISO 1135-4:2010)

Transfusion equipment for medical use - Part 4: Transfusion sets for single use (ISO 1135-4:2010)

Transfusionsgeräte zur medizinischen Verwendung PTeil 4. Transfusionsgeräte zur einmaligen Verwendung (ISO 1135-4:2010) (Standards.iteh.ai)

Matériel de transfusion à usage médical Partie 34:4 Appareils de transfusion non réutilisables (ISO 11/35-4:20/10). itel·ai/catalog/standards/sist/73a0ef07-52a9-4a94-a8ec-c13c5a656c59/sist-en-iso-1135-4-2012

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Transfusion, infusion and injection equipment

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en

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Transfusion equipment for medical use - Part 4: Transfusion sets for single use (ISO 1135-4:2010)

Matériel de transfusion à usage médical - Partie 4: Appareils de transfusion non réutilisables (ISO 1135-4:2010) Transfusionsgeräte zur medizinischen Verwendung - Teil 4: Transfusionsgeräte zur einmaligen Verwendung (ISO 1135-4:2010)

This European Standard was approved by CEN on 20 September 2011.

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

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EN ISO 1135-4:2011 (E)

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EN ISO 1135-4:2011 (E)

Foreword

This document (EN ISO 1135-4:2011) has been prepared by Technical Committee ISO/TC 76 "Transfusion, infusion and injection equipment for medical and pharmaceutical use" in collaboration with Technical Committee CEN/TC 205 "Non-active medical devices" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

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

This document supersedes EN ISO 1135-4:2010.

This new edition contains a revised Annex ZA.

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.

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

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom, standards/sist/73a0e07-52a9-4a94-a8ec-

c13c5a656c59/sist-en-iso-1135-4-2012

Endorsement notice

The text of ISO 1135-4:2010 has been approved by CEN as EN ISO 1135-4:2011 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 93/42/EEC on medical devices

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 93/42/EEC on medical devices.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the 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 Directive 93/42/EEC on medical devices

Clause(s)/subclause(s) of this EN	Essential Requirements (ERs) of Directive 93/42/EEC	Qualifying remarks/Notes
6, 7.1, 7.3, 7.4, 7.5 TTe .	(standards.iteh.a SIST EN ISO 1135-4:2012 lards.iteh.ai/catalog/standards/sist/73a0ef0 c13c5a656c59/sist-en-iso-1135-4-2	Only chemical toxicity is addressed (in Clause 6). Presumption of conformity with the Essential Requirements relating to the biological revaluation can only be provided of the manufacturer chooses to apply the EN ISO 10993 series standards (in Clause 7.1)
		Prevention of pyrogenicity covered (in Clause 7.3) Prevention of haemolysis covered (in Clause 7.4)
		Prevention of toxicity covered (in Clause 7.5)
3.2, 5.1, 5.6, 6, 7.1, 7.3, 7.4, 7.5	7.2	The part of ER 7.2 relating to packaging is not addressed (→ for packaging see Clause 9 of this standard).
		Presumption of conformity with the Essential Requirements relating to the biological evaluation can only be provided if the manufacturer chooses to apply the EN ISO 10993 series standards (in Clause 7.1)
		Prevention of pyrogenicity covered (in Clause 7.3)
		Prevention of haemolysis covered (in Clause 7.4)
		Prevention of toxicity covered (in

Clause(s)/subclause(s) of this EN	Essential Requirements (ERs) of Directive 93/42/EEC	Qualifying remarks/Notes
		Clause 7.5)
6, 7.1	7.3	Only the first half sentence of ER 7.3 is addressed.
		Presumption of conformity with the Essential Requirements relating to the biological evaluation can only be provided if the manufacturer chooses to apply the EN ISO 10993 series standards (in Clause 7.1)
6, 7.1	7.5	Only the first sentence is covered.
		Presumption of conformity with the Essential Requirements relating to the biological evaluation can only be provided if the manufacturer chooses to apply the EN ISO 10993 series standards (in Clause 7.1).
3.2, 5.2, 5.4	7.6	
3.2, 5.10, 5.12 iTeh ST	MNDARD PREVII tandards.iteh.ai)	The part of ER 8.1 relating to handling is not addressed.
(5		Manufacturing processes are not covered.
https://standards.iteh	SIST EN ISO 1135-4:2012 ai/catalog/standards/sist/73a0ef07-52a9-4	The reduction of the risk of infection is not fully covered.
9	8.3	Only packaging related protection of sterility is covered.
7.2	8.4	Only the sterilisation method is covered.
5.3, 5.11	9.1	The second sentence of ER 9.1 is not addressed.
5.7, 5.8, 5.9	10.1	Information relating to the limits of accuracy is not addressed.
5.3	12.7.1	Only tensile strength is addressed.
5.5, 5.7, 5.8, 5.9	12.8.1	
5.5, 5.7, 5.8, 5.9	12.8.2	Only the first paragraph is addressed.
8	13.1	
8	13.2	

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Clause(s)/subclause(s) of this EN	Essential Requirements (ERs) of Directive 93/42/EEC	Qualifying remarks/Notes
3.3, 8	13.3	The part of 13.3a) relating to the authorized representative is not addressed. Presumption of conformity to the rest of 13.3a) is only provided if the name and address of the manufacturer are given. 13.3b) is addressed in Clause
		3.3.13.3d) is only covered if the batch number is preceded by the word 'LOT'.13.3f) relating to single use is not addressed.
8	13.4	Only addressed regarding the label.

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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INTERNATIONAL STANDARD

ISO 1135-4

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Transfusion equipment for medical use — Part 4: Transfusion sets for single use

Matériel de transfusion à usage médical — Partie 4: Appareils de transfusion non réutilisables

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ISO 1135-4:2010(E)

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