

SLOVENSKI STANDARD SIST EN ISO 11608-5:2023

01-maj-2023

Peresa za injiciranje za uporabo v medicini - Zahteve in preskusne metode - 5. del: Avtomatizirane funkcije (ISO 11608-5:2022)

Needle-based injection systems for medical use - Requirements and test methods - Part 5: Automated functions (ISO 11608-5:2022)

Kanülenbasierte Injektionssysteme zur medizinischen Verwendung - Anforderungen und Prüfverfahren - Teil 5: Automatisierte Funktionen (ISO 11608-5:2022)

Systèmes d'injection à aiguille pour usage médical - Exigences et méthodes d'essai - Partie 5: Fonctions automatisées (ISO 11608-5:2022)

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ICS:

11.040.25 Injekcijske brizge, igle in

katetri

Syringes, needles an

catheters

SIST EN ISO 11608-5:2023

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Needle-based injection systems for medical use -Requirements and test methods - Part 5: Automated functions (ISO 11608-5:2022)

Systèmes d'injection à aiguille pour usage médical -Exigences et méthodes d'essai - Partie 5: Fonctions automatisées (ISO 11608-5:2022) Kanülenbasierte Injektionssysteme zur medizinischen Verwendung - Anforderungen und Prüfverfahren - Teil 5: Automatisierte Funktionen (ISO 11608-5:2022)

This European Standard was approved by CEN on 10 March 2023.

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EN ISO 11608-5:2023 (E)

Contents	Page
Furonean foreword	3

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN ISO 11608-5:2023</u> https://standards.iteh.ai/catalog/standards/sist/7a782525-e3e2-43ca-8788-3d86cdcd1112/sist-en-iso-11608-5-2023

EN ISO 11608-5:2023 (E)

European foreword

The text of ISO 11608-5:2022 has been prepared by Technical Committee ISO/TC 84 "Devices for administration of medicinal products and catheters" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11608-5:2023 by 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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by September 2023.

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.

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

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INTERNATIONAL STANDARD

ISO 11608-5

Second edition 2022-04

Needle-based injection systems for medical use — Requirements and test methods —

Part 5: **Automated functions**

Systèmes d'injection à aiguille pour usage médical — Exigences et méthodes d'essai —

Partie 5: Fonctions automatisées

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ISO 11608-5:2022(E)

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Con	tent	5	Page	
Forev	vord		iv	
Intro	ductio	n	v	
1	Scop	e	1	
2	Norn	native references	1	
3	Terms and definitions			
4	Requirements			
•	4.1	General requirements		
	4.2	Medicinal product preparation		
	4.3	Needle preparation		
	4.4	Needle hiding	6	
	4.5	Priming		
	4.6	Dose setting		
	4.7	Needle insertion		
	4.8	Injection depth control		
	4.9	Dose delivery		
	4.10 4.11	Recording of device functions		
	4.11	4.11.1 Completion of dose delivery		
		4.11.2 Needle retraction distance		
		4.11.3 Communication of completion		
	4.12	Disabling the NIS-AUTO	7	
	4.13	Needle shielding	8	
		4.13.1 General		
		4.13.2 Needle shielding before injection		
		4.13.3 Needle shielding after injection 8.5.2023	8	
		Needle removal from the NIS-AUTO		
5	Test methods 3d86cdcd1112/sist-en-iso-11608-5-2023		8	
	5.1	General		
	5.2	Test conditions		
	5.3	Actuation		
	5.4	Medicinal product preparation		
	5.5	Needle inspection		
	5.6	Needle hiding		
	5.7 5.8	Priming Needle extension		
	5.9	Injection time		
	5.10	Dose accuracy		
	5.11	Retracted position		
	5.12	Disabling the NIS-AUTO		
	5.13	Needle shielding		
		5.13.1 Needle shielding before and after injection	11	
		5.13.2 Needle shielding after free fall	11	
6	Infor	mation supplied with the NIS-AUTO	11	
Anne	x A (in	formative) Rationale for requirements	12	
		formative) Example of a test method for dose accuracy at intended injection		
	dept	h	14	
Anne	x C (inf	formative) Needle extension and intended injection depth	16	
Biblio	graph	.y	22	

ISO 11608-5:2022(E)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 84, *Devices for administration of medicinal products and catheters*.

This second edition cancels and replaces the first edition (ISO 11608-5:2012), which has been technically revised.

The main changes are as follows:

— this document has been clarified to explain that an automated function is one which does not require user interaction after the action which initiates the function, including designating injection depth control as automated when the user does not have control over the depth to which the needle is inserted, even where needle insertion is performed manually.

A list of all parts in the ISO 11608 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 11608-5:2022(E)

Introduction

This document is applicable to needle-based injection systems (NIS) with automated functions (NIS-AUTO) primarily intended to administer medicinal products to humans. In order to support device innovation and design, this document has been written in a format that describes the output of the design effort rather than prescribing the exact form of construction of the NIS-AUTO This document should be used in conjunction with ISO 11608-1.

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SIST EN ISO 11608-5:2023

https://standards.iteh.ai/catalog/standards/sist/7a782525-e3e2-43ca-8788-3d86cdcd1112/sist-en-iso-11608-5-2023