

SLOVENSKI STANDARD oSIST prEN ISO 12895:2025

01-maj-2025

Varnost strojev - Identifikacija dostopa do celotnega telesa in preprečevanje s tem povezanih tveganj (ISO/DIS 12895:2025)

Safety of machinery - Identification of whole body access and prevention of associated risk(s) (ISO/DIS 12895:2025)

Sicherheit von Maschinen - Identifizierung von Ganzkörperzugängen und Vermeidung der damit verbundenen Risiken (ISO/DIS 12895:2025)

Sécurité des machines - Identification de l'accès de l'ensemble du corps et prévention des risques associés (ISO/DIS 12895:2025)

Ta slovenski standard je istoveten z: prEN ISO 12895

ICS:

13.110 Varnost strojev Safety of machinery

oSIST prEN ISO 12895:2025 en,fr,de

oSIST prEN ISO 12895:2025

iTeh Standards (https://standards.iteh.ai) Document Preview

<u>oSIST prEN ISO 12895:2025</u>

https://standards.iteh.ai/catalog/standards/sist/a7ac5fdf-c75f-4696-95be-ece461ee0a82/osist-prep.iso-12895-2025



DRAFT International Standard

ISO/DIS 12895.2

ISO/TC 199

Secretariat: DIN

Voting begins on: **2025-03-20**

2025-05-15

Voting terminates on:

Safety of machinery — Identification of whole body access and prevention of associated risk(s)

Sécurité des machines — Identification de l'accès de l'ensemble du corps et prévention des risques associés

ICS: 13.110

es associés https://standards.i

Document Preview

SIST nrEN ISO 12895:2025

https://standards.iteh.ai/catalog/standards/sist/a7ac5fdf-c75f-4696-95be-ece461ee0a82/osist-pren-iso-12895-2025

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

THIS DOCUMENT IS A DRAFT CIRCULATED FOR COMMENTS AND APPROVAL. IT IS THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS AN INTERNATIONAL STANDARD UNTIL PUBLISHED AS SUCH.

IN ADDITION TO THEIR EVALUATION AS BEING ACCEPTABLE FOR INDUSTRIAL, TECHNOLOGICAL, COMMERCIAL AND USER PURPOSES, DRAFT INTERNATIONAL STANDARDS MAY ON OCCASION HAVE TO BE CONSIDERED IN THE LIGHT OF THEIR POTENTIAL TO BECOME STANDARDS TO WHICH REFERENCE MAY BE MADE IN NATIONAL REGULATIONS.

RECIPIENTS OF THIS DRAFT ARE INVITED TO SUBMIT, WITH THEIR COMMENTS, NOTIFICATION OF ANY RELEVANT PATENT RIGHTS OF WHICH THEY ARE AWARE AND TO PROVIDE SUPPORTING DOCUMENTATION.

Reference number ISO/DIS 12895.2:2025(en)

© ISO 2025

ISO/DIS 12895.2:2025(en)

iTeh Standards (https://standards.iteh.ai) Document Preview

<u>oSIST prEN ISO 12895:2025</u>

https://standards.iteh.ai/catalog/standards/sist/a7ac5fdf-c75f-4696-95be-ece461ee0a82/osist-pren-iso-12895-2025



COPYRIGHT PROTECTED DOCUMENT

© ISO 2025

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

ISO/DIS 12895.2:2025(en)

Contents			Page
Forewordiv			
Intro	duction	1	v
1	Scope		1
2	-	ative references	
3	3.1	s, definitions, symbols and abbreviated terms Terms and definitions	
	3.2	Further symbols and abbreviated terms	
	0.2	3.2.1 Symbols	
		3.2.2 Abbreviated terms	
4	Determining if whole body access exists 4		
	4.1	General	4
	4.2	Openings delimited by the protective structure	
		4.2.1 Access over protective structure(s) to the safeguarded space	6
		4.2.2 Access around, through or under protective structure(s) to the safeguarded space	6
	4.3	Safeguarded space where persons can remain undetected	0 7
	1.5	4.3.1 General	
		4.3.2 SPE with vertical detection zone	
		4.3.3 Interlocking guard	9
5	Risk reduction measures to minimize risks derived from whole body access		
	5.1	General General	10
	5.2	Prevention of whole body access	11
		5.2.1 Reduction of protective structure openings	11
	5.3	5.2.2 Elimination of the possibility for persons to remain undetected	
	5.4	Isolation and energy dissipation Presence sensing function	11
	5.5	Presence-impeding obstacles	
	5.6	Manual reset function	
		5.6.1 General <u>08181 prEN 180 12895:2025</u>	11
		5.6.2 Sequential time-limited manual resets 96-95be-ece461ee0a82/osist-pren-iso-128	12
	5.7	Location of safety-related manual control devices	
	5.8	Reset inhibit function 5.8.1 General	
		5.8.2 Proactive inhibit function	
		5.8.3 Reactive inhibit function	
	5.9	Initiation warning system	
	5.10	Egress requirements	
	5.11	Information for use	
Annex A (informative) Evaluating conditions for whole body access16			
Anne	x B (inf	formative) Considerations to determine if persons can remain undetected within afeguarded space	17
Anne	-	formative) Considerations for risk reduction measures to address whole body	19
Anne		formative) Further details on initiation warning systems	
Annex E (informative) Explanations of the formulae and values used			
Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered			
Biblio		y	