

## SLOVENSKI STANDARD SIST EN ISO/ASTM 52935:2024

01-marec-2024

Aditivna proizvodnja kovinskih izdelkov - Kvalifikacija - Kvalifikacija osebja za koordinacijo aditivne proizvodnje (ISO/ASTM 52935:2023)

Additive manufacturing of metals - Qualification principles - Qualification of coordination personnel (ISO/ASTM 52935:2023)

Additive Fertigung von Metallen - Grundsätze der Qualifizierung - Qualifizierung des Aufsichtspersonals in der additiven Fertigung (ISO/ASTM 52935:2023)

Fabrication additive des métaux - Principes de qualification - Qualification du personnel de coordination (ISO/ASTM 52935:2023)

Ta slovenski standard je istoveten z: EN ISO/ASTM 52935:2023

ICS:

03.100.30 Vodenje ljudi Management of human

resources

25.030 3D-tiskanje Additive manufacturing

SIST EN ISO/ASTM 52935:2024 en,fr,de

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

SIST EN ISO/ASTM 52935:2024

## EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

**EN ISO/ASTM 52935** 

November 2023

ICS 25.030

#### **English Version**

## Additive manufacturing of metals - Qualification principles - Qualification of coordination personnel (ISO/ASTM 52935:2023)

Fabrication additive des métaux - Principes de qualification - Qualification du personnel de coordination (ISO/ASTM 52935:2023)

Additive Fertigung von Metallen - Grundsätze der Qualifizierung - Qualifizierung des AM-Koordinationspersonals (ISO/ASTM 52935:2023)

This European Standard was approved by CEN on 6 November 2023.

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.

CEN members are the national standards bodies of 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 United Kingdom.

#### SIST EN ISO/ASTM 52935:2024

https://standards.iteh.ai/catalog/standards/sist/58b2e6bd-ceda-4931-becc-3688ce4d870a/sist-en-iso-astm-52935-202



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## EN ISO/ASTM 52935:2023 (E)

Contents	Page
European foreword	3

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

SIST EN ISO/ASTM 52935:2024

## **European foreword**

This document (EN ISO/ASTM 52935:2023) has been prepared by Technical Committee ISO/TC 261 "Additive manufacturing" in collaboration with Technical Committee CEN/TC 438 "Additive Manufacturing" 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 May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

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.

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/ASTM 52935:2023 has been approved by CEN as EN ISO/ASTM 52935:2023 without any modification.

#### SIST EN ISO/ASTM 52935:2024

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

SIST EN ISO/ASTM 52935:2024

## INTERNATIONAL STANDARD

ISO/ASTM 52935

First edition 2023-11

# Additive manufacturing of metals — Qualification principles — Qualification of coordination personnel

Fabrication additive des métaux — Principes de qualification — Qualification du personnel de coordination

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

SIST EN ISO/ASTM 52935:2024



### ISO/ASTM 52935:2023(E)

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

SIST EN ISO/ASTM 52935:2024

https://standards.iteh.ai/catalog/standards/sist/58b2e6bd-ceda-4931-becc-3688ce4d870a/sist-en-iso-astm-52935-2024



#### COPYRIGHT PROTECTED DOCUMENT

#### © ISO/ASTM International 2023

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. In the United States, such requests should be sent to ASTM International.

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 ASTM International 100 Barr Harbor Drive, PO Box C700 West Conshohocken, PA 19428-2959, USA Phone: +610 832 9634

Fax: +610 832 9635 Email: khooper@astm.org Website: www.astm.org

## ISO/ASTM 52935:2023(E)

Con	tents	Page
Forev	vord	iv
Intro	duction	
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Tasks and responsibilities 4.1 General 4.2 Specification of tasks and responsibilities 4.3 Tasks and responsibilities 4.4 Responsibilities and extent of authorization	2 2 2
5	Technical knowledge and competence 5.1 General 5.2 Competence levels for AM coordination personnel 5.2.1 Level 1 - Basic 5.2.2 Level 2 - Standard 5.2.3 Level 3 - Advanced	3 3 3
6	Qualification6.1Assessment of AM coordination personnel6.2Validity of qualification6.3Re-qualification	3 4
7	Qualification test certificate en Standards	4
Anne	x A (informative) Qualification test certificate of AM coordination personnel	
	x B (normative) AM coordination personnel tasks/responsibilities and levels	
	Document Preview	

SIST EN ISO/ASTM 52935:2024

### ISO/ASTM 52935:2023(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 document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="www.iso.org/directives">www.iso.org/directives</a>).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at <a href="www.iso.org/patents">www.iso.org/patents</a>. ISO shall not be held responsible for identifying any or all such patent rights.

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 <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by Technical Committee ISO/TC 261, Additive manufacturing, in cooperation with ASTM Committee F42, Additive manufacturing technologies, on the basis of a partnership agreement between ISO and ASTM International with the aim to create a common set of ISO/ASTM standards on additive manufacturing, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 438, Additive manufacturing, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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 <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.