



SLOVENSKI STANDARD

SIST EN ISO/ASTM 52943-2:2025

01-marec-2025

Dodajalna izdelava v letalski in vesoljski industriji - Značilnosti in zmogljivost procesa - 2. del: Usmerjeno nanašanje materiala z energijo z žico in oblokom (ISO/ASTM 52943-2:2024)

Additive manufacturing for aerospace - Process characteristics and performance - Part 2: Directed energy deposition using wire and arc (ISO/ASTM 52943-2:2024)

Additive Fertigung für Luft- und Raumfahrt - Prozessmerkmale und Leistungsvermögen - Teil 2: Materialauftrag mit gerichteter Energieeinbringung unter Verwendung von Draht und Lichtbogen (ISO/ASTM 52943-2:2024)

Fabrication additive pour l'aérospatiale - Caractéristiques et performances du procédé - Partie 2: Dépôt de matière sous énergie concentrée utilisant du fil et un arc (ISO/ASTM 52943-2:2024)

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Ta slovenski standard je istoveten z: EN ISO/ASTM 52943-2:2024

ICS:

25.030	3D-tiskanje	Additive manufacturing
49.025.01	Materiali za letalsko in vesoljsko gradnjo na splošno	Materials for aerospace construction in general

SIST EN ISO/ASTM 52943-2:2025 en,fr,de

EUROPEAN STANDARD

EN ISO/ASTM 52943-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2024

ICS 25.030

English Version

Additive manufacturing for aerospace - Process characteristics and performance - Part 2: Directed energy deposition using wire and arc (ISO/ASTM 52943-2:2024)

Fabrication additive pour l'aérospatiale -
Caractéristiques et performances du procédé - Partie 2:
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fil et un arc (ISO/ASTM 52943-2:2024)

Additive Fertigung für Luft- und Raumfahrt -
Prozessmerkmale und Leistungsvermögen - Teil 2:
Materialauftrag mit gerichteter Energieeinbringung
unter Verwendung von Draht und Lichtbogen
(ISO/ASTM 52943-2:2024)

This European Standard was approved by CEN on 20 April 2024.

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European foreword

This document (EN ISO/ASTM 52943-2:2024) 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of an identical text or by endorsement, at the latest by October 2024, and conflicting national standards shall be withdrawn at the latest by October 2024.

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International Standard

ISO/ASTM 52943-2

Additive manufacturing for aerospace — Process characteristics and performance —

Part 2: Directed energy deposition using wire and arc

*Fabrication additive pour l'aérospatiale — Caractéristiques et
performances du procédé —*

*Partie 2: Dépôt de matière sous énergie concentrée utilisant du fil
et un arc*

**First edition
2024-04**

ISO/ASTM 52943-2:2024(en)

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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

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Foreword

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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, and 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).

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