

**SLOVENSKI STANDARD
SIST EN ISO/ASTM 52941:2021**

01-januar-2021

Dodajalna izdelava - Zmogljivost in zanesljivost sistema - Preskusi sprejemljivosti za stroje za spajanje kovinskega prahu na podlagi z laserskim žarkom za letalsko in vesoljsko industrijo (ISO/ASTM 52941:2020)

Additive manufacturing - System performance and reliability - Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application (ISO/ASTM 52941:2020)

Additive Fertigung - Systemleistung und Betriebssicherheit - Abnahmeprüfung von pulverbettbasierten Laserstrahllanlagen für metallische Werkstoffe für Luft- und Raumfahrtanwendungen (ISO/ASTM 52941:2020)

Fabrication additive - Performance et fiabilité du système - Essais de réception pour machines de fusion laser sur lit de poudre pour les matériaux métalliques pour l'application aérospatiale (ISO/ASTM 52941:2020)

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Ta slovenski standard je istoveten z: EN ISO/ASTM 52941:2020

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 52941:2021

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**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

EN ISO/ASTM 52941

November 2020

ICS 25.030

English Version

Additive manufacturing - System performance and reliability - Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application (ISO/ASTM 52941:2020)

Fabrication additive - Performance et fiabilité du système - Essais de réception pour machines de fusion laser sur lit de poudre pour les matériaux métalliques pour l'application aérospatiale (ISO/ASTM 52941:2020)

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This European Standard was approved by CEN on 21 November 2020.

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EN ISO/ASTM 52941:2020 (E)

Contents	Page
European foreword.....	3

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European foreword

This document (EN ISO/ASTM 52941:2020) 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 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Equipment	2
5 Environmental and operational conditions	2
6 Qualification testing	2
6.1 General	2
6.2 Laser beam tests	2
6.2.1 Testing the laser power for continuous wave lasers	2
6.2.2 Testing the laser power stability for continuous wave lasers	3
6.2.3 Testing of pulsed wave lasers	3
6.2.4 Evaluation of the laser beam characteristics	3
6.2.5 Evaluation of the minimum laser beam waist position in different working plane locations	3
6.2.6 Evaluation of the thermal stability of the minimum beam waist position	3
6.2.7 Testing the laser beam position	4
6.2.8 Trajectory accuracy	4
6.2.9 Scanning speed	4
6.2.10 Requirements for equipment with multiple laser beam sources	4
6.3 Mechanical function test	5
6.3.1 General	5
6.3.2 Build platform positioning	5
6.3.3 Feeding platform positioning	5
6.3.4 Other powder feed processing mechanics	5
6.3.5 Movement of the powder spreading device	5
6.4 Heating system	5
6.5 Atmosphere inside the working space	5
6.6 Data recording	6
6.7 Safety systems	6
6.8 Optional tests	6
6.8.1 Demonstrators and test artifacts	6
6.8.2 Build area assessment	6
6.8.3 Gas flow test by hot wire anemometer	7
6.9 Requalification	8
7 Test report	8
Annex A (informative) Example of a test report	10
Annex B (informative) Geometric pattern for the trajectory accuracy test	11
Bibliography	12

ISO/ASTM 52941:2020(E)

Foreword

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This document was prepared by ISO/TC 261, *Additive manufacturing*, in cooperation with ASTM F 42, *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.

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