

SLOVENSKI STANDARD

SIST-TP CEN ISO/ASTM TR 52958:2026

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Dodajalna izdelava kovinskih izdelkov - Spajanje prahu na podlagi (PBF) - Sočasno zaznavanje nespojenih mest med procesom PBF-LB s koaksialno nameščenimi fotodiodami (ISO/ASTM TR 52958:2026)

Additive manufacturing of metals - Powder bed fusion (PBF) - In-situ coaxial photodiode monitoring for lack of fusion flaw detection in PBF-LB (ISO/ASTM TR 52958:2026)

Additive Fertigung von Metallen - Pulverbettfusion (PBF) - Bewährte Verfahren zur In-Situ-Fehlererkennung und -analyse für laserbasierte PBF (ISO/ASTM TR 52958:2026)

Fabrication additive de métaux - Fusion sur lit de poudre - Surveillance par photodiode coaxiale in situ pour la détection de défauts de fusion en PBF-LB (ISO/ASTM TR 52958:2026)

Ta slovenski standard je istoveten z: CEN ISO/ASTM TR 52958:2026

ICS:

25.030

3D-tiskanje

Additive manufacturing

SIST-TP CEN ISO/ASTM TR 52958:2026 en,fr,de

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TECHNICAL REPORT

CEN ISO/ASTM TR 52958

RAPPORT TECHNIQUE

TECHNISCHER REPORT

June 2026

ICS 25.030

English Version

Additive manufacturing of metals - Powder bed fusion
(PBF) - In-situ coaxial photodiode monitoring for lack of
fusion flaw detection in PBF-LB (ISO/ASTM TR
52958:2026)

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poudre - Surveillance par photodiode coaxiale in situ
pour la détection de défauts de fusion en PBF-LB
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Additive Fertigung von Metallen - Pulverbettfusion
(PBF) - Bewährte Verfahren zur In-Situ-
Fehlererkennung und -analyse für laserbasierte PBF
(ISO/ASTM TR 52958:2026)

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European foreword

This document (CEN ISO/ASTM TR 52958:2026) 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.

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Technical Report

ISO/ASTM TR 52958

Additive manufacturing of metals — Powder bed fusion (PBF) — In-situ coaxial photodiode monitoring for lack of fusion flaw detection in PBF- LB

*Fabrication additive de métaux — Fusion sur lit de poudre —
Surveillance par photodiode coaxiale in situ pour la détection de
défauts de fusion en PBF-LB*

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