

SLOVENSKI STANDARD

SIST-TP CEN ISO/ASTM TR 52958:2026

01-september-2026

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)

This Technical Report was approved by CEN on 22 May 2026. It has been drawn up by the Technical Committee CEN/TC 438.

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Ref. No. CEN ISO/ASTM TR 52958:2026 E

Contents	Page
European foreword.....	3

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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*

**First edition
2026-05**

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ISO/ASTM TR 52958:2026(en)

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Significance and use	2
5 Design of coupons	3
5.1 General	3
5.2 Intentionally seeded flaws	4
5.3 Randomized/stochastic flaws	6
6 Sensor description	6
7 Flaw detection algorithms	7
7.1 General	7
7.2 Statistical algorithms	8
7.2.1 General	8
7.2.2 Absolute limits (AL)	9
7.2.3 Short term fluctuations (STF)	11
7.2.4 Workflow	11
7.3 Machine-learning approach: clustering algorithm	13
7.3.1 Self-organizing map (SOM)	14
7.3.2 <i>K</i> -means	15
8 Implementation of customized algorithms to components with randomized flaws and the associated voxelization thereof	16
9 Case study: procedural implementation and validation results	19
Bibliography	25