



BSI Standards Publication

**Additive manufacturing - Qualification
principles - Qualifying machine operators of
laser metal powder bed fusion machines and
equipment used in aerospace applications**

National foreword

This British Standard is the UK implementation of EN ISO/ASTM 52942:2020. It is identical to ISO/ASTM 52942:2020.

The UK participation in its preparation was entrusted to Technical Committee AMT/8, Additive manufacturing.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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English Version

Additive manufacturing - Qualification principles -
Qualifying machine operators of laser metal powder bed
fusion machines and equipment used in aerospace
applications (ISO/ASTM 52942:2020)

Fabrication additive - Principes de qualification -
Qualification des opérateurs machine des machines à
fusion laser sur lit de poudre et équipements utilisés
dans les applications aérospatiales (ISO/ASTM
52942:2020)

Additive Fertigung - Grundsätze der Qualifizierung -
Standard Richtlinie zur Prüfung von Anlagenbedienern
für pulverbettbasierte Laserstrahlanlagen zur
additiven Fertigung für Luft- und
Raumfahrtanwendungen (ISO/ASTM 52942:2020)

This European Standard was approved by CEN on 24 August 2020.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO/ASTM 52942:2020) 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of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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.

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Endorsement notice

The text of ISO/ASTM 52942:2020 has been approved by CEN as EN ISO/ASTM 52942:2020 without any modification.

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Qualification	2
4.1 General.....	2
4.2 Essential variables and-range of qualification	2
4.2.1 General.....	2
4.2.2 Powder material group	2
4.2.3 Machine model	3
4.3 Evidence of visual acuity	3
4.4 Theoretical test.....	3
4.5 Practical test.....	3
5 Qualification test certificate	4
6 Validity of testing	4
6.1 General.....	4
6.2 Period of validity	4
6.3 Requalification test.....	4
6.4 Supplementary test.....	5
Annex A (normative) Content of the theoretical assessment	6
Annex B (normative) Content of the practical assessment	7
Annex C (informative) Example of qualification test certificate for operators of laser metal powder bed fusion machines	9
Annex D (informative) Example of an additive manufacturing procedure specification (APS)	11
Bibliography	13

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 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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