



ISO/ASTM 52941

Additive manufacturing for aerospace — System performance and reliability tests for laser metal powder-bed fusion machines for metallic materials

Fabrication additive pour l'aérospatiale — Essais de performance et de fiabilité du système pour machines de fusion laser sur lit de poudre pour les matériaux métalliques

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This second edition cancels and replaces the first edition (ISO/ASTM 52941:2020), which has been technically revised.

The main changes are as follows:

- title changed from “*Additive manufacturing — System performance and reliability — Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application*” to “*Additive manufacturing for aerospace — System performance and reliability tests for laser metal powder-bed fusion machines for metallic materials*”;
- extension of the scope of application to non-aerospace applications if this is part of a contract;
- normative references has been updated;
- [6.2](#) has been revised;
- test report has been revised;
- example of a test report in [Annex A](#) slightly revised;
- editorial changes.

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