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Additive manufacturing of metals — Qualification principles

Part 2: Qualification of operators for PBF-LB



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Preface

This Standard was prepared by the Standards Australia Committee MB-028, Additive Manufacturing.

The objective of this document is to identify the capabilities and responsibilities required for the qualification of the AM operators on the field of the additive manufacturing technologies dealing with metallic parts production, specifically for the employment of powder bed fusion – laser beam with metals (PBF-LB/M).

This document identifies criteria for the theoretical and practical assessment of personnel operating PBF-LB/M machines. The activities and procedures foreseen to be performed by the PBF-LB/M operator are also part of this document.

This document is intended to provide an outline for qualification of AM machine operators in general industrial applications. Where industry-specific requirements exist for the qualification of AM operators, such as ISO/ASTM 52942 for aerospace applications, those industry-specific standards are used instead of this document.

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