AS ISO/ASTM 52926.5:2024
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Additive manufacturing of metals — Qualification principles

Part 5: Qualification of operators for DED-Arc

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This Australian Standard® was prepared by MB-028, Additive Manufacturing. It was approved on behalf of Standards Australia's Standards Development and Accreditation Committee on 12 April 2024.

This Standard was published on 26 April 2024.

The following are represented on Committee MB-028:

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This Standard was issued in draft form for comment as DR AS ISO/ASTM 52926.5:2024.

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ISBN 978 1 76139 595 6

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First published as AS ISO/ASTM 52926.5:2024.

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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 directed energy deposition – arc with metals (DED-Arc/M).

This document identifies criteria for the theoretical and practical assessment of personnel operating DED-Arc/M machines. The activities and procedures foreseen to be performed by the DED-Arc/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.

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