

AS/NZS ISO 19288:2023
ISO 19288:2016



Australian/New Zealand Standard™

Welding consumables — Solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys — Classification



AS/NZS ISO 19288:2023

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee WD-002, Welding Consumables. It was approved on behalf of the Council of Standards Australia on 19 September 2023 and by the New Zealand Standards Approval Board on 06 September 2023.

This Standard was published on 20 October 2023.

The following are represented on Committee WD-002:

- Australian Chamber of Commerce and Industry
- Bureau of Steel Manufacturers of Australia
- New Zealand Heavy Engineering Research Association
- Rail Industry Safety and Standards Board
- University of Auckland (New Zealand)
- Weld Australia

This Standard was issued in draft form for comment as DR AS/NZS ISO 19288:2023.

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ISBN 978 1 76139 365 5

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Originated in Australia as AS B29—1932.
Jointly revised and redesignated as AS/NZS 1167.2:1999.
Jointly revised and redesignated as AS/NZS ISO 19288:2023.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WD-002, Welding Consumables, to supersede AS/NZS 1167.2:1999, *Welding and brazing — Filler metals, Part 2: Filler metal for welding*.

The objective of this document is to specify requirements for the classification of solid wire electrodes, solid wires and rods for fusion welding of magnesium and magnesium alloys. The classification is based on their chemical composition.

The compositions of solid wire electrodes for metal inert gas (MIG) welding are the same as solid wire electrodes, solid wires and rods for tungsten inert gas (TIG) arc welding, plasma arc welding, laser beam welding, laser-MIG hybrid welding and other fusion welding processes.

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