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Australian/New Zealand Standard™

Welding consumables — Procurement of filler materials and fluxes



AS/NZS ISO 14344:2023

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- Bureau of Steel Manufacturers of Australia
- New Zealand Heavy Engineering Research Association
- University of Auckland (New Zealand)
- Weld Australia

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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 ISO 14344:2005, *Welding and allied processes—Flux and gas shielded electrical welding processes—Procurement guidelines for consumables*.

The objective of this document is to specify tools for communication between a purchaser and a supplier of welding consumables within quality systems, such as those based upon ISO 9001.

This document, together with an applicable International Standard or other Standard for welding consumables, provides a method for preparing those specific details needed for welding consumable procurement which consist of:

- (a) the welding consumable classification (selected from the applicable International Standard or other standard for welding consumables);
- (b) the lot classification; and
- (c) the testing schedule.

Selection of the specific welding consumable classification, lot classification, and testing schedule depends upon the requirements of the application for which the welding consumable is being procured.

This document does not apply to non-consumable electrodes or shielding gases.

This document is identical with, and has been reproduced from, ISO 14344:2010, *Welding consumables — Procurement of filler materials and fluxes*.

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 14344 was jointly prepared by the International Institute of Welding, Commission II, *Arc welding and filler metals*, and Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 3, *Welding consumables*. IIW has been approved as an international standardizing body in the field of welding by the ISO Council.

This second edition cancels and replaces the first edition (ISO 14344:2002). Compared to the previous edition, normative reference to ISO 9001 has been deleted and some lot definitions have been revised.

Requests for official interpretations of any aspect of this International Standard should be directed to the Secretariat of ISO/TC 44/SC 3 via your national standards body. A complete listing of these bodies can be found at www.iso.org.