

Australian/New Zealand Standard™

Non-destructive testing of welds—Visual testing of fusion-welded joints



AS/NZS ISO 17637:2019

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- Australasian Corrosion Association
- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Steel Association
- Australian Steel Institute
- Australian Welding Institute
- Austroroads
- Bureau of Steel Manufacturers of Australia
- Energy Networks Australia
- New Zealand Heavy Engineering Research Association
- New Zealand Non-Destructive Testing Association
- Steel Reinforcement Institute of Australia
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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WD-003, Welding of Structures.

The objective of this Standard is to specify the visual testing of fusion welds in metallic materials. It may also be applied to visual testing of the joint prior to welding.

This Standard is identical with, and has been reproduced from, ISO 17637:2016, *Non-destructive testing of welds — Visual testing of fusion-welded joints*.

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The terms “normative” and “informative” are used in Standards to define the application of the annexes to which they apply. A “normative” annex is an integral part of a Standard, whereas an “informative” annex is only for information and guidance.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 44, *Welding and allied processes*, Subcommittee SC 5, *Testing and inspection of welds*.

This second edition cancels and replaces the first edition (ISO 17637:2003), which has been technically revised.

Requests for official interpretations of any aspect of this International Standard should be directed to the Secretariat of ISO/TC 44/SC 5 via your national standards body. A complete listing of these bodies can be found at www.iso.org.