This is a free page sample. Access the full version online.

AS/NZS 2980:2018
(Incorporating Amendment No. 1)

AS/NZS 2980:2018

Australian/New Zealand Standard™

# Qualification of welders for fusion welding of steels—Additional requirements for Australia and New Zealand

STANDARDS Australia

STANDARDS® NEW ZEALAND
PAEREWA AOTEAROA

This is a free page sample. Access the full version online.



This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WD-003, Welding of Structures. It was approved on behalf of the Council of Standards Australia on 5 February 2018 and by the New Zealand Standards Approval Board on 31 January 2018.
This Standard was published on 26 March 2018.

The following are represented on Committee WD-003:

Australasian Corrosion Association
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Steel Association
Australian Steel Institute
Austroads
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
University of Sydney
Welding Technology Institute of Australia

## Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Site at www.standards.org.au or Standards New Zealand web site at www.standards.govt.nz and looking up the relevant Standard in the on-line catalogue.

For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of Standards Australia or the New Zealand Standards Executive at the address shown on the back cover.

*This Standard was issued in draft form for comment as DR AS/NZS 2980:2017.*

This is a free page sample. Access the full version online.

AS/NZS 2980:2018
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

# Qualification of welders for fusion welding of steels—Additional requirements for Australia and New Zealand

Originated as AS 2980—1987.
Previous and first joint edition AS/NZS 2980:2007.
Fourth edition 2018.
Reissued incorporating Amendment No. 1 (March 2020).

**COPYRIGHT**

© Standards Australia Limited

© The Crown in right of New Zealand, administered by the New Zealand Standards Executive

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Australia) or the Copyright Act 1994 (New Zealand).

ISBN 978 1 76072 033 9

This is a free page sample. Access the full version online.



# PREFACE

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee WD-003, Welding of Structures, to supersede AS/NZS 2980:2007, *Qualification of welders for fusion welding of steels*.

*This Standard incorporates Amendment No. 1 (March 2020). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

This edition of the Standard is intended to provide a transition from AS/NZS 2980:2007 to AS/NZS ISO 9606.1:2017.

This Standard continues to give cognizance to the ISO welder qualifications Standard for steels, ISO 9606-1:2012, *Approval testing of welders—Fusion welding*, Part 1: *Steels*, which has been adopted as the Australian/New Zealand Standard, AS/NZS ISO 9606.1:2017. This edition of AS/NZS 2980 references AS/NZS ISO 9606.1 in its entirety and is intended to be read and interpreted in conjunction with AS/NZS ISO 9606.1. Additional requirements are set out in Australian and New Zealand industry-specific normative appendices, and guidance is provided in informative appendices as follows:

(a) Appendix A—Guidance on the application of AS/NZS ISO 9606.1 and AS/NZS 2980 (informative).

(b) Appendix B—Welder qualification assessment for welds in structural steel (normative).

(c) Appendix C—Welder qualification test for stainless steel tube for the New Zealand Dairy Industry (normative for New Zealand).

(d) Appendix D—Material groups (informative).

As figures in this Standard are complete only to the extent necessary for illustration, reference needs to be made to the requirements specified in the text.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

This is a free page sample. Access the full version online.



# CONTENTS

*Page*

FOREWORD ..... 4
1 SCOPE ..... 5
2 APPLICATION ..... 5
3 REFERENCED DOCUMENTS ..... 5
4 APPENDICES ..... 10

APPENDICES
A GUIDANCE ON THE APPLICATION OF AS/NZS ISO 9606.1 AND AS/NZS 2980 ..... 12
B WELDER QUALIFICATION ASSESSMENT FOR WELDS IN STUCTURAL STEEL ..... 15
C WELDER QUALIFICATION TEST FOR STAINLESS STEEL TUBE FOR THE NEW ZEALAND DAIRY INDUSTRY ..... 23
D MATERIAL GROUPS ..... 25

SAI GLOBAL

This is a free preview.  Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation