

Australian/New Zealand Standard™

**Certification of welding supervisors —
Structural steel welding**



AS/NZS 2214:2019

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 03 September 2019 and by the New Zealand Standards Approval Board on 02 October 2019.

This Standard was published on 6 November 2019.

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
- Australian Welding Institute
- Austrroads
- 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
- TAFE NSW
- University of Sydney
- Weld Australia

This Standard was issued in draft form for comment as DR AS/NZS 2214:2018.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

www.standards.org.au

www.standards.govt.nz

ISBN 978 1 76072 620 1

Australian/New Zealand Standard™

Certification of welding supervisors — Structural steel welding

First published as AS CA60—1970.
Revised and redesignated AS 2214—1978.
Fourth edition 2004.
AS 2214—2004 revised and redesignated AS/NZS 2214:2019.

COPYRIGHT

© Standards Australia Limited/the Crown in right of New Zealand, administered by the New Zealand Standards Executive 2019

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 (Cth) or the Copyright Act 1994 (New Zealand).

Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee WD-003, Welding of Structures, to supersede AS 2214—2004, *Certification of welding supervisors — Structural steel welding*.

The objective of this Standard is to specify the pre-examination qualifications and scope of examination required for granting certificates to welding supervisors engaged in the supervision of welders of steel structures.

The preparation of this edition was undertaken to bring the Standard into line with the latest edition of AS 1796, *Certification of welders and welding supervisors*, and give recognition to competency-based education and training, and take cognizance of relevant ISO Standards.

This edition of AS 2214 introduces the following changes:

- (a) The addition of new definitions.
- (b) Alignment of specific requirements for an examining body with current Standards Australia requirements.
- (c) Modification to examination requirements to provide for alternative examination methods.
- (d) Editorial changes, including the following:
 - (i) Clarification of the meaning of several clauses.
 - (ii) Update of the list of Standards and the list of referenced documents.
 - (iii) Alignment with current Standards Australia style.
- (e) Revision of the syllabi to account for changes in standards, legislation and regulations, including an allowance for future regulatory changes.
- (f) Expansion of certificate format options.

It is not intended that the publication of this edition will invalidate certificates that were issued in accordance with previous editions of this Standard.

The terms “normative” and “informative” are used in Standards 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.

Contents

Preface	ii
Introduction	v
Section 1 Scope and general	1
1.1 Scope, application and certificate title.....	1
1.1.1 Scope.....	1
1.1.2 Application.....	1
1.1.3 Title and type of certificate.....	1
1.2 Normative references.....	1
1.3 Terms and definitions.....	2
Section 2 Examining body	4
2.1 General.....	4
2.2 Appointments.....	4
2.2.1 General.....	4
2.2.2 Types.....	4
2.2.3 Transparency.....	4
2.3 Quality system.....	4
2.3.1 General.....	4
2.3.2 Quality and security.....	4
2.3.3 Audit.....	4
2.3.4 Records.....	5
2.4 Responsibilities of an examining body.....	5
2.4.1 Assessment of application.....	5
2.4.2 Theory examination.....	5
2.4.3 Appeals.....	5
Section 3 Welding supervisor certification	6
3.1 Pre-examination requirements.....	6
3.2 Scope of examination.....	6
3.2.1 Type.....	6
3.2.2 Location of examination.....	7
3.2.3 Duration of the examination.....	7
3.2.4 Criteria for examination marking.....	7
3.3 Examination syllabus.....	7
3.3.1 Syllabus.....	7
3.3.2 Item 1 — General.....	7
3.3.3 Item 2 — Welding safety.....	8
3.3.4 Item 3 — Welding, cutting and related processes.....	9
3.3.5 Item 4 — Welding equipment.....	9
3.3.6 Item 5 — Welding practice.....	10
3.3.7 Item 6 — Welding production.....	11
3.3.8 Item 7 — Welding inspection and testing.....	13
3.3.9 Item 8 — Basic metallurgy.....	16
3.3.10 Item 9—Application standards.....	17
3.3.11 Modification of the syllabus.....	18
3.4 Certificate.....	18
3.4.1 Issue of certificate.....	18
3.4.2 Certificate and wallet card.....	18
3.4.3 Period of validity.....	19
3.4.4 Re-issue of certificate and wallet card.....	19
3.4.5 Register.....	19
3.5 Failure in part.....	19
3.5.1 Documentary evidence.....	19
3.5.2 Re-examination.....	19
3.5.3 Date, location and duration for re-examination.....	19

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](#)
-