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AS/NZS 1554.6:2012

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Australian/New Zealand Standard™

Structural steel welding

**Part 6: Welding stainless steels for
structural purposes**



AS/NZS 1554.6:2012

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 16 February 2012 and on behalf of the Council of Standards New Zealand on 9 May 2012.

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Australasian Corrosion Association
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Steel Institute
AUSTROADS
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AS/NZS 1554.6:2012

Australian/New Zealand Standard™

Structural steel welding

Part 6: Welding stainless steels for structural purposes

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WD-003, Welding of Structures, to supersede AS/NZS 1554.6:1994.

The objective of this Standard is to provide rules for the welding of a wide range of stainless steel fabrications (other than pressure vessels and pressure piping), and it applies to statically and dynamically loaded welds.

The objective of this revision is to substantially update the Standard to reflect changes in structural welding since the publication of the original edition in 1994. As this is a major revision, changes from the previous edition are not indicated in this Preface.

This Standard requires that weld preparations, welding consumables and welding procedures be qualified before commencement of welding. Prequalified joint preparations, welding consumables and welding procedures are also given in this Standard.

Strength capacity of welds is not covered in this Standard and designers are referred to relevant design codes or specifications for this purpose.

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

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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	5
1.2 EXCLUSIONS.....	5
1.3 INNOVATION	6
1.4 NORMATIVE REFERENCES	6
1.5 DEFINITIONS.....	6
1.6 WELD CATEGORIES AND SURFACE FINISHES.....	6
1.7 MANAGEMENT OF QUALITY.....	7
1.8 HEAT TREATMENT.....	7
1.9 SAFETY	8
SECTION 2 MATERIALS OF CONSTRUCTION	
2.1 GENERAL.....	9
2.2 PARENT MATERIAL.....	9
2.3 BACKING MATERIAL	9
2.4 WELDING CONSUMABLES.....	9
SECTION 3 DETAILS OF WELDED CONNECTIONS	
3.1 GENERAL.....	11
3.2 BUTT WELDS	11
3.3 FILLET WELDS	14
3.4 COMPOUND WELDS	16
3.5 SEAL WELDS.....	18
3.6 PLUG WELDS	18
3.7 SLOT WELDS.....	18
3.8 COMBINING STEEL SECTIONS	18
SECTION 4 QUALIFICATION OF PROCEDURES AND PERSONNEL	
4.1 QUALIFICATION OF WELDING PROCEDURE.....	20
4.2 METHOD OF QUALIFICATION OF WELDING PROCEDURE	22
4.3 PREQUALIFIED WELDING PROCEDURES.....	22
4.4 PORTABILITY OF QUALIFIED WELDING PROCEDURES	23
4.5 PREQUALIFIED JOINT PREPARATIONS	23
4.6 QUALIFICATION OF WELDING CONSUMABLES.....	30
4.7 QUALIFICATION OF WELDING PROCEDURE BY TESTING.....	34
4.8 EXTENSION OF QUALIFICATION.....	38
4.9 COMBINATION OF PROCESSES.....	39
4.10 RECORDS OF TESTS	41
4.11 REQUALIFICATION OF WELDING PROCEDURES	41
4.12 QUALIFICATION OF WELDING PERSONNEL	45
SECTION 5 WORKMANSHIP	
5.1 GENERAL.....	50
5.2 TRANSPORT, STORAGE AND HANDLING	50
5.3 MARKING	50
5.4 CUTTING.....	50
5.5 FABRICATION.....	51
5.6 PREPARATION OF EDGES FOR WELDING.....	51
5.7 ASSEMBLY	51

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