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AS/NZS 1554.6:2012

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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The following are represented on Committee WD-003:

Australasian Corrosion Association
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Steel Institute
AUSTROADS
Bureau of Steel Manufacturers of Australia
Engineers Australia
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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

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



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