

AS 1554, Part 3—1983

Australian Standard[®]

**SAA STRUCTURAL STEEL
WELDING CODE**

**Part 3—WELDING OF
REINFORCING STEEL**

This Australian standard was prepared by Committee WD/3, Welding of Structures. It was approved on behalf of the Council of the Standards Association of Australia on 28 June 1983 and published on 8 August 1983.

The following interests are represented on Committee WD/3:

Aluminium Development Council
Association of Consulting Engineers Australia
Australian Chamber of Commerce
Australian Institute of Steel Construction Ltd
Australian Welding Institute
Australian Welding Research Association
Bureau of Steel Manufacturers of Australia
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STRUCTURAL STEEL WELDING
known as the
SAA STRUCTURAL STEEL
WELDING CODE

Part 3—WELDING OF
REINFORCING STEEL

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PREFACE

This edition of this standard was prepared by the Association's Committee on Welding of Structures to supersede AS 1554, Part 3—1974. It establishes requirements for the welding of reinforcement intended to form part of concrete structures designed and constructed in accordance with AS 1480, SAA Concrete Structures Code.

An important difference between this edition and the 1974 edition is that it applies to the welding of reinforcing bars of Grade 410Y to AS 1302.

As the weldability of Grade 410Y had not been fully determined prior to the publication of AS 1302—1982, an amendment to AS 1302 was subsequently issued involving the lowering of the carbon equivalent value for Grade 410Y from 0.60 to 0.39 for the purpose of ensuring ease in weldability. Requirements for steel material with carbon equivalent value greater than 0.39 are incorporated in this edition.

It is intended that welding operations, other than flash butt welding and name pressure welding, will be carried out under the supervision of a person certified in accordance with AS 2214, SAA Structural Steel Welding Supervisors Certification Code.

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