

Australian Standard[®]

WELDING POSITIONS

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The following interests are represented on Committee WD/1:

Australian Welding Institute
Australian Welding Research Association
Bureau of Steel Manufacturers of Australia
Confederation of Australian Industry
CSIRO, Division of Manufacturing Technology
Department of Defence
Metal Trades Industry Association of Australia
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WELDING POSITIONS

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PREFACE

This Standard was prepared by the Association's Committee on Welding Definitions and Symbols.

It designates and gives details and limits of fundamental welding positions based on those in the American Welding Society's welding codes.

It was considered that it would be of benefit to industry if all the positions used in welding were included in one document and the application codes could then make reference to that document.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
WELDING POSITIONS

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard designates the fundamental welding positions and specifies the limiting values of the angles of inclination and rotation for these positions.

This Standard may be used for guidance by application Standards to determine a relation between welding positions for the purpose of multiple qualifications.

NOTE: For the purpose of this Standard, the word 'pipe' is synonymous with 'tube' or 'hollow section' although these words are used for different types of products by different industries.

1.2 APPLICATION. This Standard is applicable to the welding of joints in all industries since

fundamental welding positions form part of the essential variables of a welder's qualification and, in some cases, of a qualified welding procedure.

1.3 REFERENCED DOCUMENT. The following Standard is referred to in this Standard:

AS
2812 Welding, brazing and cutting of metals—
Glossary of terms

1.4 DEFINITIONS. For the purpose of this Standard, the definitions given in AS 2812 apply.