Australian Standard®

Safety in welding and allied processes

Part 2: Electrical

This Australian Standard was prepared by Committee EL/19, Electrical Welding Plant. It was approved on behalf of the Council of Standards Australia on 26 October 1989 and published on 9 February 1990.

The following interests are represented on Committee EL/19:

Confederation of Australian Industry

Department of Labour, Victoria

Electricity Supply Association of Australia

Railways of Australia Committee

University of New South Wales

Welding Technology Institute of Australia

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PREFACE

This Standard was prepared by the Standards Australia Committee on Electrical Welding Plant to supersede AS 2745—1984, *Electrical welding safety*. It is Part 2 of a Standard as follows:

AS
1674 *Safety in welding and allied processes*
1674.2 Part 2: *Electrical*

(AS 1674—1980, *Fire precautions in cutting, heating and welding operations*, is being revised and will be redesignated AS 1674, *Safety in welding and allied processes*, Part 1: *Fire precautions*.)

This edition differs from AS 2745—1984 in that references are included to processes other than arc welding, and to plasma power sources where open-circuit voltages, ranging up to 710 V d.c. for plasma arc cutting equipment, present a greater hazard to welders and maintenance personnel than arc welding equipment.

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