

AS 1966.1—1985

Australian Standard<sup>®</sup>

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**Electric arc welding power sources**

**Part 1: Transformer type**

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This Australian standard was prepared by Committee EL/19, Electric Welding Plant. It was approved on behalf of the Council of the Standards Association of Australia on 17 January 1985 and published on 10 May 1985.

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The following interests are represented on Committee EL/19:

Australian Electrical and Electronic Manufacturers Association  
Australian Welding Institute  
Confederation of Australian Industry  
Electricity Supply Association of Australia  
University of New South Wales

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## PREFACE

This standard was prepared by the Association's Committee on Electrical Welding Plant to supersede in part AS 1966—1976, Electric Arc Welding Machines.

Being published concurrently with this standard is AS 1966.2, Electric Arc Welding Power Sources, Part 2—Rotary Type, which supersedes the remainder of AS 1966—1976.

This standard makes many changes to AS 1966—1976, the most significant of which concerns the requirements for rated load voltage (Clause 1.7.3) which have been expanded to include the three welding processes designated MMAW, GTAW and GMAW (see Table 1.1).

Where local conditions and practices have allowed, IEC and ISO requirements have been included.

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