AS 60974.1—2006

Australian Standard®

Arc welding equipment

Part 1: Welding power sources (IEC 60974-1:2000, MOD)

This Australian Standard® was prepared by Committee EL-019, Electrical Welding Plant. It was approved on behalf of the Council of Standards Australia on 19 July 2006.
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- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Manufacturing Workers Union
- Electrical Regulatory Authorities Council
- Welding Technology Institute of Australia

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PREFACE

This Standard was prepared by Standards Australia Committee EL-019, Electrical Welding Plant, to supersede AS 1966.1—1985, *Electric arc welding power sources—Transformer type,* AS 1966.2—1985, *Electric arc welding power sources—Rotary type* and AS 1966.3—1990, *Electric arc welding power sources—Plasma arc cutting and welding types*.

The objective of this Standard is to specify requirements for arc welding power sources designed for professional and industrial use.

This Standard is an adoption with national modifications and has been reproduced from IEC 60974-1:2000, *Arc welding equipment,* Part 1: *Welding power sources*, including its Amendment 2:2003, and has been varied as indicated to take account of Australian conditions.

Variations to IEC 60974-1:2000 are indicated at the appropriate places throughout this Standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

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(a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

(b) In the source text ‘IEC 60947-1’ should read ‘AS 60947.1’.

(c) A full point should be substituted for a comma when referring to a decimal marker.

(d) Any French text on figures should be ignored.

The term ‘informative’ is used to define the application of the annex to which it applies. An informative annex is only for information and guidance.

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