

Australian Standard<sup>®</sup>

**Safety of machinery—Electrical  
equipment of machines**

**Part 11: Requirements for HV  
equipment for voltages above 1000 V  
a.c. or 1500 V d.c and not exceeding 36  
kV (IEC 60204-11, Ed. 1.0 (2000) MOD)**



This Australian Standard® was prepared by Committee EL-017, Electrical Equipment of Industrial Machinery. It was approved on behalf of the Council of Standards Australia on 20 November 2006.

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The following are represented on Committee EL-017:

- Department of Consumer and Employment Protection, WorkSafe Division (WA)
  - Department of Industrial Relations (Qld)
  - Department of Primary Industries, Mine Safety (NSW)
  - Electrical Regulatory Authorities Council
  - Federal Chamber of Automotive Industries
  - Victorian WorkCover Authority
- 

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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## PREFACE

This Standard was prepared by the Standards Australia Committee EL-017, Electrical Equipment of Industrial Machinery.

The objective of this Standard is to provide a framework, and criteria, for assessment of the safety of high voltage electrical equipment of machines.

This Standard is an adoption with national modifications and has been reproduced from IEC 60204-11, Ed. 1.0 (2000), *Safety of machinery—Electrical equipment of machines – Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c. and not exceeding 36 kV*, and has been varied as indicated to take account of Australian conditions.

The source IEC standard IEC 60204-11, makes numerous references to a European harmonization document HD 637, dealing with high voltage electrical installations. In this Australian standard, the references to HD 637 have been either removed or replaced by reference to the more recent IEC standard IEC 61936-1.

Variations to IEC 60204-11, Ed. 1.0 (2000) are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian 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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