

AS 3015—1993

Australian Standard<sup>®</sup>

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**Electrical installations—Extra-low  
voltage d.c. power supplies within  
public telecommunications  
networks**

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[Defence Title allocated by Codification and Standardisation Authority:  
POWER SUPPLY INSTALLATIONS (EXTRA-LOW VOLTAGE d.c.  
FOR PUBLIC TELECOMMUNICATIONS NETWORKS)  
NATO Supply Classification 6130]

This Australian Standard was prepared by Committee EL/1, Wiring Rules. It was approved on behalf of the Council of Standards Australia on 18 December 1992 and published on 15 March 1993.

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The following interests are represented on Committee EL/1:

Association of Consulting Engineers, Australia  
Australian Chamber of Commerce and Industry  
Australian Consumers Association  
Australian Electrical and Electronic Manufacturers Association  
Department of Administrative Services  
Electrical Contractors Associations of Australia  
Electrical regulatory authorities  
Electrical Trades Union of Australia  
Electricity Supply Association of Australia  
Institute of Electrical Inspectors  
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Telecom Australia

Additional interests participating in the preparation of this Standard:

AUSTEL  
Battery manufacturers

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Wiring Rules following a review of the Interim Standard AS 3015(Int)—1991.

The purpose of this Standard is to establish safety requirements, consistent with maintaining continuity of essential supply, for the installation of extra-low voltage d.c. power supplies in restricted access locations of public telecommunications networks.

Changes to AS 3015(Int) included in this edition are:

- (a) The inclusion of requirements for alterations and additions to an existing installation.
- (b) The expansion and rearrangement of the requirements for the ventilation of battery accommodation.
- (c) The expansion of the requirements dealing with selection and installation of conductors.
- (d) The inclusion of a new section on earthing to replace Clause 3.7.
- (e) The inclusion of appendices giving information on telecommunications carrier service earthing and work safety rules.

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