

AS 3015—1993

Australian Standard[®]

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

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

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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
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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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CONTENTS

	<i>Page</i>
FOREWORD	4
 SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	5
1.2 APPLICATION	5
1.3 REFERENCED DOCUMENTS	5
1.4 DEFINITIONS	6
1.5 ALTERATIONS AND ADDITIONS	8
1.6 INSPECTION AND CERTIFICATION OF WORK	8
 SECTION 2 BATTERIES	
2.1 GENERAL	9
2.2 BATTERY ACCOMMODATION	9
2.3 VENTILATION	10
 SECTION 3 DIRECT CURRENT DISTRIBUTION AND PROTECTION	
3.1 GENERAL	14
3.2 CIRCUIT ARRANGEMENT	14
3.3 DESIGN REQUIREMENTS	14
3.4 INSULATION RESISTANCE	14
3.5 OVERCURRENT PROTECTION	16
3.6 SWITCHGEAR AND CONTROLGEAR	16
3.7 DISTINGUISHING COLOURS OF CABLES	16
3.8 CONDUCTOR MATERIAL	16
3.9 MINIMUM SIZE OF CONDUCTOR	16
3.10 CURRENT CARRYING CAPACITY OF CONDUCTORS	17
3.11 MAXIMUM DEMAND OF A CIRCUIT	17
3.12 DISTRIBUTION VOLTAGE DROP	17
3.13 CONDUCTORS IN PARALLEL	17
3.14 JOINTS AND TERMINATIONS	17
3.15 MECHANICAL PROTECTION AND SUPPORT OF CONDUCTORS	18
3.16 INSULATION OF CONDUCTORS	18
 SECTION 4 SERVICE EARTHING AND BONDING	
4.1 GENERAL	20
4.2 EARTHING ARRANGEMENTS	20
4.3 EARTHING CONDUCTORS	22
4.4 SERVICE EARTH BAR	23
4.5 SERVICE EARTH ELECTRODE SYSTEM	24
 APPENDICES	
A VENTILATION	25
B WORK SAFETY RULES	28
C TELECOMMUNICATIONS CARRIER SERVICE EARTHING	29

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