AS 2467—1981

Australian Standard®

Maintenance of electrical switchgear

The following scientific, industrial and governmental organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian-British Trade Association
Australian Electrical and Electronic Manufacturers Association
Bureau of Steel Manufacturers of Australia
Confederation of Australian Industry
Department of Defence
Department of Productivity, ACT
Electricity Supply Association of Australia
Institution of Engineers, Australia
Railways of Australia Committee
Testing Authorities

This standard prepared by Committees EL/6, Industrial Switchgear and Controlgear and EL/7, Power Switchgear was approved on behalf of the Council of the Standards Association of Australia on 7 April 1981 and was published on 1 July 1981.

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PREFACE

This standard was prepared as a joint project by the Association's Committee on Industrial Switchgear and Controlgear, and Power Switchgear. It supersedes AS CC9—1965 which was BS CP1008:1958 endorsed as an Australian standard. BS CP1008 was subsequently superseded by BS 5405:1976, Code of Practice for the Maintenance of Electrical Switchgear for Voltages up to and including 145 kV, and acknowledgement is made of the assistance received from that document in the preparation of this standard.

This standard gives basic recommendations for the safety of personnel in proximity to or engaged in maintenance of electrical switchgear and includes detailed recommendations for particular types of switchgear.

This standard sets out a standard of good practice and generally takes the form of recommendations. Compliance with it does not confer immunity from relevant statutory and legal requirements (see Clause 1.3).

This standard may require reference to the following documents:

AS 1076 Code of Practice for Selection, Installation and Maintenance of Electrical Apparatus and Associated Equipment for Use in Explosive Atmospheres (other than Mining Applications)
Part 1 — Basic Requirements

AS 1255 Methods of Test for Electrical Characteristics of Solid Plastics Insulating Materials Part 4 — Method 4 — Determination of the Permittivity and Dielectric Dissipation Factor at Power, Audio and Radio Frequencies up to 300 MHz

AS 1265 Bushings for Alternating Voltages above 1000 V

AS 1270 Hearing Protection Devices

AS 1319 Rules for the Design and Use of Safety Signs for the Occupational Environment

AS 1883 Guide to Maintenance and Supervision of Insulating Oils in Service

AS 1930 Circuit-breakers for Distribution Circuits (up to and including 1000 V a.c. and 1200 V d.c.)

AS 2006 High-voltage Alternating Current Circuit-breakers

AS 2067 Switchgear Assemblies and Ancillary Equipment for a.c. Voltages above 1 kV

AS 2184 Moulded-case Circuit-breakers (up to and including 600 V a.c. and 250 V d.c.) (interrupting Rating 10 kA and more)

AS 2225 Rubber Gloves for Electrical Purposes

AS 2290 Maintenance and Overhaul of Electrical Equipment for Coal Mines
Part 1—Maintenance of Electrical Equipment for Explosive Atmospheres
Part 2—Overhaul of Electrical Equipment for Explosive Atmospheres

AS 2395 Terminals for Switchgear Assemblies for Alternation Voltages above 1 kV

AS 3118 Approval and Test Specification for Electric Inspection Handlamps

AS 3160 Approval and Test Specification for Hand-held Portable Electric Tools

IEC 480 Guide to the Checking of Sulphur Hexafluoride (SF_6) taken from Electrical Equipment

Attention is also drawn to the list of relevant standards given in Appendix F.

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