

AS 1824.2—1985

Australian Standard[®]

**INSULATION COORDINATION
(PHASE-TO-EARTH AND
PHASE-TO-PHASE, ABOVE 1 kV)**

Part 2—APPLICATION GUIDE

This Australian standard was prepared by Committee EL/7, Power Switchgear. It was approved on behalf of the Council of the Standards Association of Australia on 16 January 1985 and published on 10 May 1985.

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PREFACE

This standard was prepared by the Association's Committee on Power Switchgear as a new edition of AS 1824, Part 2—1978.

It provides guidance in the application of AS 1824, Part 1.

This standard is based on IEC 71-2(1976) and IEC 71-3(1982)—Insulation Coordination, Part 2: Application Guide; and Part 3: Phase-to-phase insulation coordination, Principles, Rules and Application Guide. Acknowledgement is made of the assistance received from the above standards.

While this standard is technically similar to IEC 71-2 and IEC 71-3, it has been drafted so that it eliminates those portions of the IEC texts which it was felt did not contribute to the understanding or application of AS 1824, Part 1, or which would be more appropriately located in a textbook. Additionally, Appendix C of IEC 72-2 (Statistical Evaluation of the Protective Effect of Spark Gaps) is not included, as such an evaluation is not appropriate to a standard on insulation coordination.

Where this edition of this standard differs technically from AS 1824, Part 2—1978 and IEC 71-3 by amended or additional text, a rule is shown in the margin against the table, clause or part thereof affected and such deviations are summarized in the Annex.

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