

AS 2897—1986

Australian Standard[®]

**POWER CAPACITORS—SHUNT—
RATED VOLTAGES ABOVE
660 V A.C.**

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CAPACITOR, FIXED (Shunt For Power Frequency Systems,
above 660 V) ... NSC 5910]

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Australian Electrical and Electronic Manufacturers Association
Electricity Supply Association of Australia
Testing Interests

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PREFACE

This standard was prepared by the Association's Committee on Power Capacitors. It supersedes those parts of AS 1013—1971, Shunt Capacitors for Connection to Power Frequency Systems, which cover shunt capacitors rated above 660 V.

For shunt capacitors rated up to and including 660 V, it is intended that AS 1013—1971 will remain in force until a new standard for those capacitors is published.

This standard represents an extensive part revision of AS 1013—1971 which throughout takes into account IEC Standards and recent IEC TC 33 documents.

The more significant differences between this standard and the relevant parts of AS 1013—1971 are as follows:

- (a) New provisions have been included for the following:
 - (i) Short-circuit discharge routine test (Clause 2.3.7).
 - (ii) Test on internal fuses (Clause 2.4.5).
 - (iii) Endurance tests (Clause 2.2.4 and Appendix C).
 - (iv) Filter capacitors (Clause 1.1 and Appendix G).
- (b) The following items have been extensively revised and/or expanded:
 - (i) Partial discharge tests (Clause 2.2.4 and Appendix D).
 - (ii) Internal and external fuses (Clause 1.1, Appendix E and Appendix F).
 - (iii) Guide for installation, operation and maintenance (Appendix A).
 - (iv) Information to be given with enquiry and order (Appendix J).

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