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61-1970

**AS C61 — 1970**  
UDC 621.314.2

# Australian Standard C61 — 1970

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## POWER TRANSFORMERS

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# STANDARDS ASSOCIATION OF AUSTRALIA

Incorporated by Royal Charter

## AMENDMENT No 2

to

AS C61—1970

## POWER TRANSFORMERS

### FOREWORD TO AMENDMENT No 2

This amendment includes in addition to a number of editorial corrections an amendment to Section 8 to clarify Table 11 with respect to transformers designed for short-circuit impedances lower than those listed, where values of system impedance are not specified by the purchaser.

#### Page 3. **Preface.**

*Delete* 'AS C325, High Voltage Bushings' and *substitute* 'AS 1265 Bushings for Alternating Voltages above 1000 V.'

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*Delete* 'AS CC10' and *substitute* 'AS 1078'.

#### Page 10. **Clause 1.1, Scope.**

*Insert*, after 'Current transformers', the words 'for measurement and protection'.

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*Delete* 'Voltage Transformers (AS C397) (in course of preparation)' and *substitute* 'Voltage transformers for measurement and protection (AS 1243).'

#### Page 12. **Note 1.**

*Delete* 'AS CC10\*' and *substitute* 'AS 1078, Part 2', and in corresponding footnote *delete* '\*AS CC10, Guide to Loading of Oil-immersed transformers' and *substitute* '\*AS 1078—Part 2, Guide to Loading of Oil-immersed Transformers to AS C61—1970'.

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**Page 34. Clauses 6.2 and 6.3—Note 2.**

Delete 'AS CC10\*' and substitute 'AS 1078—Part 2', and in corresponding footnote delete '\*AS CC10, Guide to Loading of Oil-immersed transformers' and substitute '\*AS 1078—Part 2, Guide to Loading of Oil-immersed Transformers to ASC 61—1970'.

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**Page 41. Clause 8.2.1, Transformers with Two Windings.**

1st line—*between* 'specified' and 'by' *insert* 'or agreed'.

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**Page 41. Table 11.**

In heading of column 3, *after* 'Impedance' *add* '(See Notes 3 and 4)'; in Note 4 *add* third paragraph as follows:

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Where the impedance is not specified and the manufacturer chooses the short-circuit impedance of the transformer lower than the appropriate value in column 3, then the manufacturer shall advise the purchaser at the time of the offer the permissible limit of overcurrent. This overcurrent need not necessarily be higher than the appropriate value in column 2.

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