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AS 3953—1996

IEC 905:1987/Corr.:1991

Australian Standard®

Loading guide for dry-type power transformers

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AS 3953—1996

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Loading guide for dry-type power transformers

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PREFACE

This Standard was prepared by the Standards Australia Committee EL/8 on Power Transformers to supersede AS 3953—1991, *Loading guide for dry-type power transformers*. It is identical to and has been reproduced from IEC 905:1987, *Loading guide for dry-type power transformers*, as corrected by the Corrigendum of April 1991.

Australian variations to IEC 905 are listed in Appendix ZZ. The changes are indicated in the text by single marginal bars against the relevant clause, note, table or figure, or part thereof.

The text affected by the Corrigendum is marked with double marginal bars.

The objective of this Standard is to provide designers and users of dry-type power transformers with guidance in calculating the permissible loading and rated power of transformers complying with AS 2735, *Dry-type power transformers*, to promote better matching of load with power capacity.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

As this Standard is reproduced from an international Standard, the following applies:

- (a) Its number appears on the cover and title page while the international Standard number appears only on the cover.
- (b) In the source text, 'this International Standard' should read 'this Australian/New Zealand Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

Statements expressed in the international Standard in mandatory terms in notes to tables and figures are requirements of this Standard.

References to international Standards should be replaced by equivalent Australian Standards, as follows:

Reference to International Standard		Australian Standard		
IEC		AS		
76	Power transformers	2374	Power transformers	
76-1	Part 1: General	2374.1	Part 1: General requirements	
726	Dry-type power transformers	2735	Dry-type power transformers	

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