

AS 3953—1996

IEC 905:1987/Corr.:1991

Australian Standard<sup>®</sup>

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**Loading guide for dry-type power  
transformers**

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This Australian Standard was prepared by Committee EL/8, Power Transformers. It was approved on behalf of the Council of Standards Australia on 6 November 1995 and published on 5 February 1996.

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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.

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

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
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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