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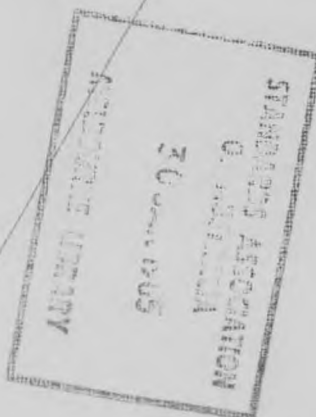
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GUIDE TO LOADING OF OIL-IMMERSED TRANSFORMERS



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This Australian standard was prepared by Committee EL/8, Static Electrical Machinery. It was approved on behalf of the Council of the Standards Association of Australia on 6 August 1984 and published on 9 November 1984.

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AUSTRALIAN STANDARD

**GUIDE TO LOADING OF
OIL-IMMERSED
TRANSFORMERS**

AS 1078—1984

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PREFACE

This standard was prepared by the Association's Committee on Static Electrical Machinery. It supersedes AS 1078, Guide to Loading of Oil-immersed Transformers, Part 1—1972, Transformers to AS C61—1963. This guide applies directly to transformers manufactured to AS C61—1970, Power Transformers, but may be used for transformers manufactured to AS 2374—1982, Power Transformers, and earlier editions of AS C61.

The guide is based on the revised 1969 Draft Loading Guide for Oil Immersed Transformers, prepared for the Electricity Supply Association of Australia (ESAA) by the Sydney County Council and acknowledgement is made of the assistance received therefrom.

It is stressed that the language used in this guide is much freer than is customary in a standard specification and for this reason no attempt has been made to give a list of defined terms.

The life-expectancy curve (see Fig. A2) used as a basis of the guide to arrive at the cyclic loading values given in Tables 2.4 to 2.15 inclusive, is based on the ageing curve used in IEC 354, Loading Guide for Oil-immersed Transformers.

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