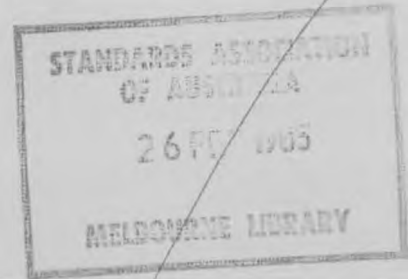


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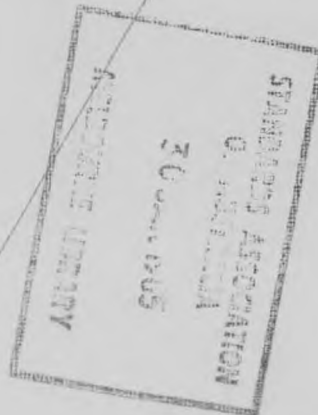
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# Australian Standard<sup>®</sup> 1078—1984



## GUIDE TO LOADING OF OIL-IMMERSED TRANSFORMERS



**STANDARDS ASSOCIATION OF AUSTRALIA**  
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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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## CONTENTS

	<i>Page</i>
<b>SECTION 1. SCOPE AND GENERAL</b>	
1.1 Scope .....	6
1.2 Purpose .....	6
1.3 Basis of Standard .....	6
1.4 Application .....	6
1.5 Referenced Documents .....	7
<b>SECTION 2. CYCLIC LOADINGS</b>	
2.1 Permissible Cyclic Loading of a Transformer .....	8
2.2 Data Necessary for Determination of Cyclic Loading .....	8
2.3 Flow Diagram .....	8
2.4 Determination of Continuous Rating of a Transformer Corresponding to 55°C Top-oil Rise (Step 1) .....	8
2.5 Determination of Winding Hotspot Gradient (Differential) Above Top Oil Corresponding to the Continuous Rating for 55°C Top-oil Temperature Rise (Step 2) .....	8
2.6 Method of Representing Actual Load Cycles by Equivalent Block Shapes (Step 3) .....	11
2.7 Selection of Weighted Average Ambient Temperature (Step 4) .....	11
2.8 Correction to Selected Weighted Average Ambient Temperature Due to Enclosure (Step 5) .....	11
2.9 Permissible Cyclic Loading (Step 6) .....	13
2.10 Method of Adjustment to Allow for Different Values of Assigned Normal Life or the Application of a Less Conservative Ageing Curve (Step 7) .....	19
2.11 Method of Adjustment to Take into Account Different Value of Thermal Time-constant (Step 8) .....	19
2.12 Construction of Graph to Show Relative Rate of Deterioration of the Insulation with Various Cyclic Loads (Step 9) .....	21
2.13 Adjustment of Cyclic Loading for Days when a Transformer is Normally Unloaded (Step 10) .....	21
2.14 Adjustment of Cyclic Loading for Seasonal Changes of Load (Step 11) .....	23
2.15 Adjustment of Cyclic Loading to take Account of Load Growth and Relief (Step 12) .....	23
2.16 Adjustment of Cyclic Loading to take Account of Periods of Abnormal Loading (Step 13) .....	24
<b>SECTION 3. EXAMPLES OF DETERMINATION OF <i>K</i></b>	
3.1 Example No 1: Determination of <i>K</i> Where Minimum Data are Available .....	26
3.2 Example No 2: Determination of <i>K</i> Where Complete Test Data and Loading Data are Available .....	26
<b>SECTION 4. SHORT-TIME EMERGENCY LOADINGS</b>	
4.1 General .....	30
4.2 Data Necessary for Determination of Permissible Short-time Emergency Loading .....	30
4.3 Method of Determination .....	30
4.4 Permissible Reduction of Life Expectancy for Short-time Emergency Loading .....	30
4.5 Determination of Top-oil Temperature Rise Prior to Emergency (Step 1) .....	30
4.6 Determination of the Ultimate Top-oil Temperature Rise if the Short-time Load were Applied Continuously (Step 2) .....	30
4.7 Determination of Thermal Time-constant Corresponding to the Initial and Ultimate Top-oil Temperature Rises (Step 3) .....	30
4.8 Determination of Top-oil Temperature Rise after Short-time Period at Emergency Loading (Step 4) .....	30

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