AS 3768—1990

Australian Standard®

Guide to the effects of temperature on electrical equipment

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Bureau of Steel Manufacturers of Australia

Confederation of Australian Industry

Electricity Contractors Association of Australia

Independent Electrical Switchboard Manufacturers Association

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PREFACE

This Standard was prepared jointly by the Standards Australia Committees on Industrial Switchgear and Controlgear and Power Switchgear, as a guide for engineers responsible for the determination of temperatures of components forming parts of electrical equipment.

It is based on the Central Office draft of IEC Technical report 943 (1989) *Guide for the specification of permissible temperature and temperature rise for parts of electrical equipment, in particular for terminals,* but is presented differently to make it easier to read and extract information relevant to particular applications.

A considerable amount of explanatory material for the development of the equations has not been included in this guide and reference should be made to IEC 943 for any further details.

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