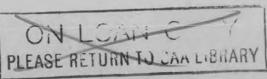
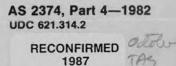
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POWER TRANSFORMERS Part 4—TAPPINGS AND CONNECTIONS

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Australian-British Trade Association

Australian Electrical and Electronic Manufacturers Association

Confederation of Australian Industry

Defence Standardization Committee

Electrical testing laboratories

Electricity Supply Association of Australia

Electricity Supply Engineers Association of N.S.W.

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This standard was issued in draft form for comment as DR 81313.

AUSTRALIAN STANDARD

POWER TRANSFORMERS Part 4 TAPPINGS AND CONNECTIONS

AS 2374, Part 4-1982



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PREFACE

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This standard was prepared by the Association's Committee on Static Electrical Machinery. It is based closely on IEC 76-4, Power Transformers, Part 4: Tappings and Connections and is Part 4 of a six-part standard that supersedes AS C61-1970, Power Transformers.

The other Parts of the standard are-

Part 1—General Requirements Part 2—Temperature Rise Part 3—Insulation Levels and Dielectric Tests Part 5—Ability to Withstand Short Circuit

Part 6-Sound Levels

Where the draft differs from IEC 76-4 and changes have been made to meet Australian requirements, these changes are indicated by a rule in the margin.

This standard requires reference to the other parts of AS 2374 as shown above.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

for

POWER TRANSFORMERS

PART 4: TAPPINGS AND CONNECTIONS

SECTION 1. SCOPE AND DEFINITIONS

1.1 SCOPE. This standard specifies requirements for tappings and connections of transformers having only one tapped winding. For autotransformers, this means that the number of turns per phase in either the high-voltage (HV) or the low-voltage (LV) winding is constant.

NOTE: Autotransformers with tapped neutrals are subject to agreement.

Tap changing involving a phase displacement in the voltage is not taken into account.

1.2 DEFINITIONS. For the purpose of this standard the definitions given in AS 2374, Part 1, apply.



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