

Australian Standard[®]

**INTERNATIONAL ELECTROTECHNICAL
VOCABULARY**

**Chapter 841—INDUSTRIAL
ELECTROHEATING**

This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 15 March 1988 and published on 17 June 1988.

The following interests are represented on Committee TE/13:

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Department of Defence
Department of Technical and Further Education, N.S.w., Victoria and South Australia
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PREFACE

This Standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology, under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board. This Standard supersedes AS 1852(40)—1970, *International Electrotechnical Vocabulary, Electro-heating applications*, which was withdrawn in March 1987.

This Standard is identical with and has been reproduced from IEC 50(841)—1983. Acknowledgement is accordingly made to the International Electrotechnical commission for this assistance.

This Standard is one of the AS 1852 series of Standards. In the past, this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. In future, newly issued parts of IEC 50, where appropriate, will be issued as Australian Standards, i.e. not endorsements. The full text of the definitions in English, French, Russian, and for this chapter also German, has been included as some definitions are considered to be incomplete when produced in one language.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series lists terms in English, French and Russian, and in some cases Spanish. It is intended that other Australian Standards will refer to AS 1852 and not repeat any definitions.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard

INTERNATIONAL ELECTROTECHNICAL VOCABULARY

CHAPTER 841—INDUSTRIAL ELECTROHEATING

SECTION 841-01—GENERAL TERMS

1) General terms relating to heat generation and utilization

841-01-01

électrothermie

Partie de la science et de la technologie traitant des transformations intentionnelles de l'énergie électrique en chaleur.

electroheat

The branch of science and technology dealing with the transformation of electrical energy into thermal energy for useful purposes.

электронагрев

Раздел науки и технологии, изучающий преобразование электроэнергии в термическую энергию для полезных целей.

Elektrowärme

Wissenschaft und Technologie, die sich mit der Umwandlung elektrischer Energie in Wärme für Nutzzwecke befasst.

841-01-02

électrothermique

Qualifie une technique se rapportant à l'électrothermie ou un dispositif fonctionnant suivant ses principes.

electrothermal

Qualifies all techniques related to electroheat, or all devices which function in accordance with its principles.

электротермия

Характеризует всю технику, относящуюся к электротермии, или все устройства, которые функционируют в соответствии с ее принципами.

elektrothermisch (wenig gebräuchlich)

Kennzeichnendes Eigenschaftswort für alle auf Elektrowärme beruhenden Techniken oder alle darauf beruhenden Einrichtungen.