

# Australian/New Zealand Standard™

## Energy audits

### Part 1: Commercial buildings



### **AS/NZS 3598.1:2014**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EN-001, Energy Auditing. It was approved on behalf of the Council of Standards Australia on 9 September 2014 and on behalf of the Council of Standards New Zealand on 21 August 2014.

This Standard was published on 2 October 2014.

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The following are represented on Committee EN-001:

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Australian Institute of Refrigeration Air Conditioning and Heating  
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*This Standard was issued in draft form for comment as DR AS/NZS 3598.1.*

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AS/NZS 3598.1:2014

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### Part 1: Commercial buildings

Originated in Australia as part of AS 3598—1990.  
Previous and first joint edition, as part of AS/NZS 3598:2000.  
Jointly revised in part and redesignated as AS/NZS 3598.1:2014.

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ISBN 978 1 74342 840 5

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EN-001, Energy Auditing, to supersede, in part, AS/NZS 3598:2000, *Energy audits*.

Energy audits are an integral part of the energy management process. They determine how efficiently energy is being consumed, identify energy and cost saving opportunities, and highlight potential improvements in building services and occupant comfort. In most cases, implementing energy audit recommendations will achieve notable cost savings.

This Standard will assist organizations to decide on the appropriate type of audit for their commercial buildings, provide a guide when commissioning energy audits and present a uniform basis for preparing and comparing energy audit proposals for commercial buildings. It also aims to establish best practice for energy auditors, to support the establishment of energy management systems and contribute to the quality of existing energy and other management systems.

This Standard covers the general requirements for energy audits of commercial buildings and related operations. Requirements for other types of operation are provided in the following Standards:

- (a) AS/NZS 3598.2, *Energy audits, Part 2: Industrial and related activities*.
- (b) AS/NZS 3598.3, *Energy audits, Part 3: Transport related activities*.

In the preparation of this Standard reference was made to the following:

- (i) ISO 50002, *Energy audits—Requirements with guidance for use*.
- (ii) ISO 50015, *Energy management systems—Measurement and verification of energy performance of organizations—General principles and guidance*.

Acknowledgement is made of the assistance received therefrom.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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