

MAURITIAN
STANDARD

MS ISO
16818:2008

First edition
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**Building environment design —Energy
efficiency - Terminology**

ICS 01.040.91; 91.040.01



**Mauritius Standards Bureau
Moka**

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National foreword

This Mauritian Standard is identical with the International Standard **ISO 16818:2008(E)**, *Building environment design – Energy efficiency - Terminology*. It was adopted by the Mauritius Standards Bureau in 2012 on the recommendation of the **Buidling and Construction Standards Committee** and approved by the **Standards Council** on 20 July 2012. It was notified in the Government Gazette on **13 October 2012***.

For the purposes of this standard the following change should be made:

- (i) the words 'International Standard' should be replaced by 'Mauritian Standard'.
- (ii) the 'decimal comma' should be replaced by the 'decimal point'.

* General Notice No. 2127 of 2012



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*Mauritius Standards Bureau
Villa Road
Moka
Mauritius*

Telephone + (230) 433 3648
Fax + (230) 433 5051/ 433 5150
E-mail msb@intnet.mu
Website http://msb.intnet.mu

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PREVIEW

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 16818 was prepared by Technical Committee ISO/TC 205, *Building environment design*.

PREVIEW

Introduction

This International Standard is intended to provide general terms and definitions used in building environment design. Other standards produced by ISO/TC 205 can contain additional definitions more specific to the needs of the individual standard.

PREVIEW

PREVIEW

Building environment design — Energy efficiency — Terminology

1 Scope

This International Standard gives terms and definitions for use in the design of energy-efficient buildings. This International Standard is applicable to new buildings and retrofitted existing buildings.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6707-1, *Building and civil engineering — Vocabulary — Part 1: General terms*

ISO 7345, *Thermal insulation — Physical quantities and definitions*

ISO 7730, *Ergonomics of the thermal environment — Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria*

ISO 9229, *Thermal insulation — Vocabulary*

ISO 9251, *Thermal insulation — Heat transfer conditions and properties of materials — Vocabulary*

ISO 9288, *Thermal insulation — Heat transfer by radiation — Physical quantities and definitions*

ISO 9346, *Hygrothermal performance of buildings and building materials — Physical quantities for mass transfer — Vocabulary*

ISO 13789, *Thermal performance of buildings — Transmission and ventilation heat transfer coefficients — Calculation method*

ISO 13790¹⁾, *Energy performance of buildings — Calculation of energy use for space heating and cooling*

ISO 15927-6, *Hygrothermal performance of buildings — Calculation and presentation of climatic data — Part 6: Accumulated temperature differences (degree-days)*

ISO 16813, *Building environment design — Indoor environment — General principles*

1) To be published. (Revision of ISO 13790:2004.)