



# MALAYSIAN STANDARD

MS ISO 16000-9:2008  
(CONFIRMED:2013)

**Indoor air - Part 9: Determination of the  
emission of volatile organic compounds from  
building products and furnishing - emission  
test chamber method  
(ISO 16000-9:2006, COR. 1:2007, IDT)**

ISO 16000-9:2006, Cor.1:2007 is endorsed as Malaysian Standard  
with the reference number MS ISO 16000-9:2008

**ICS: 13.040.20**

Descriptors: single tracer gas, age of air, adequacy of ventilation in buildings

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**DEPARTMENT OF STANDARDS MALAYSIA**

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**Revision:** A process where existing Malaysian Standard is reviewed and updated which resulted in the publication of a new edition of the Malaysian Standard.

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## Committee representation

The Industry Standards Committee on Environmental Management (ISC Z) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Association of Environmental Consultants and Companies of Malaysia  
Balai Ikhtisas Malaysia  
Business Council for Sustainable Development Malaysia  
Centre for Environment Technology and Development Malaysia  
Department of Chemistry, Malaysia  
Department of Environment, Malaysia  
Department of Standards Malaysia  
Environmental Management and Research Association of Malaysia  
Federation of Malaysian Manufacturers  
Malaysian Institute of Chemistry  
Malaysian International Chamber of Commerce and Industry  
Malaysian Palm Oil Association  
Malaysian Palm Oil Board  
Malaysian Palm Oil Council  
Malaysian Plastics Manufacturers Association  
Malaysian Rubber Board  
Malaysian Rubber Glove Manufacturers Association  
Malaysian Textile Manufacturers Association  
Ministry of Domestic Trade and Consumer Affairs  
Ministry of International Trade and Industry  
Ministry of Natural Resources and Environment  
Ministry of Plantation Industries and Commodities  
Ministry of Science, Technology and Innovation  
SIRIM Berhad  
The Electrical and Electronics Association of Malaysia  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Putra Malaysia

The Technical Committee on Air Quality which supervised the adoption of the ISO Standard consists of representatives from the following organisations:

Alam Sekitar Malaysia Sdn Bhd  
Association of Environmental Consultants and Companies of Malaysia  
Department of Chemistry, Malaysia  
Department of Environment, Malaysia  
Department of Occupational Safety and Health Malaysia  
Malaysian Industrial Hygiene Association  
Malaysian Meteorological Department  
Malaysian Nuclear Agency  
Ministry of Health Malaysia  
SIRIM Berhad (Secretariat)  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Kebangsaan Malaysia

## MS ISO 16000-9:2008

### Committee representation *(continued)*

The Working Group on Workplace Atmosphere and Indoor Air which recommended the adoption of the ISO Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Association of Environmental Consultants and Companies of Malaysia  
Department of Chemistry, Malaysia  
Department of Environment, Malaysia  
Department of Occupational Safety and Health Malaysia  
Institute for Medical Research  
Malaysian Institute of Chemistry  
Ministry of Health Malaysia (Engineering Services Division)  
National Institute of Occupational Safety and Health  
SIRIM Berhad (Secretariat)  
The Institution of Engineers, Malaysia  
Universiti Malaya

## NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Working Group on Workplace Atmosphere and Indoor Air under the authority of the Industry Standards Committee on Environmental Management.

This Malaysian Standard is identical with ISO 16000-9:2006, *Indoor Air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method*, including its Technical Corrigendum 1:2007, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, “this International Standard” should read “this Malaysian Standard”;
- b) the comma which is used as a decimal sign (if any), to read as a point;
- c) 

<b>Clause/Sub-clause</b>	<b>Modifications</b>
8.4 EXAMPLE:	Add “of this part of ISO 16000” after Annex B.
9.2 3 <sup>rd</sup> paragraph	Add “relative” before “air”
- d) reference to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 16000-6, <i>Indoor air - Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS/FID</i>	MS ISO 16000-6, <i>Indoor air - Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA sorbent, thermal desorption and gas chromatography using MS/FID</i>

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.