



# MALAYSIAN STANDARD

MS 1596:2003  
(CONFIRMED:2013)

## Determination of concentration and mass flow of particulate matter in flue gas for stationary source emissions

**ICS: 13.040.40**

Descriptors: stationary source emissions, particulate matter, flue gas, determination, gravimetric analysis

NOTE. This MS has been reviewed by the responsible committee and confirmed that its contents are current

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Preview Only

## **Committee representation**

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

Association of Consulting Engineers Malaysia  
Association of Environmental Consultants and Contractors of Malaysia  
Balai Ikhtisas Malaysia  
Business Council for Sustainable Development Malaysia  
Centre for Environment Technology and Development Malaysia  
Department of Environment Malaysia  
Department of Standards Malaysia  
Environmental Management and Research Association of Malaysia  
Federation of Malaysian Manufacturers  
Kementerian Perdagangan Antarabangsa dan Industri  
Kementerian Perdagangan Dalam Negeri dan Hal Ehwal Pengguna  
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Kementerian Sains, Teknologi dan Alam Sekitar  
Malaysian International Chamber of Commerce and Industry  
Malaysian Palm Oil Board  
Malaysian Palm Oil Association  
Malaysian Palm Oil Promotion Council  
Malaysian Plastics Manufacturers Association  
Malaysian Rubber Board  
Malaysian Rubber Glove Manufacturers' Association  
Malaysian Textile Manufacturers Association  
SIRIM Berhad  
The Electrical and Electronics Association of Malaysia  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Putra Malaysia

The Working Group on Air Pollution Control and Measurements which developed this Malaysian Standard consists of representatives from the following organisations:

Alam Sekitar Malaysia Sdn Bhd  
Association of Environmental Consultants and Contractors of Malaysia  
Business Council for Sustainable Development Malaysia  
Department of Environment Malaysia  
Environmental Science (M) Sdn Bhd  
Federation of Malaysian Manufacturers  
Felda Engineering Services Sdn Bhd (Air Pollution Control Engineering Division)  
Golden Hope Plantations Berhad  
Malaysian Palm Oil Board  
Mechmar Energy Sdn Bhd  
SIRIM Berhad (Secretariat)  
The Institution of Engineers, Malaysia

## **FOREWORD**

This Malaysian Standard was developed by the Working Group on Air Pollution Control and Measurements under the authority of the Environmental Management Industry Standards Committee.

This Malaysian Standard is based on ISO 9096:1992, 'Stationary source emissions – Determination of concentration and mass flow rate of particulate material in gas-carrying ducts – Manual gravimetric method'. It also incorporates specifications taken from ISO 10780, 'Stationary source emissions – Measurement of velocity and volume flow rate of gas streams in ducts'.

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