



MALAYSIAN STANDARD

MS 123-1:2018

Diesel fuel - Specification - Part 1: Euro 2M (Fifth revision)

ICS: 75.160.01

Descriptors: diesel, Euro 2M, specification, test method

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Committee representation

The Industry Standards Committee on Petroleum and Gas (ISC H) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Occupational Safety and Health Malaysia
Department of Standards Malaysia
Energy Commission
Federation of Malaysian Manufacturers - Malaysian Industrial Gases Manufacturers Group
Fire and Rescue Department of Malaysia
Malaysia Automotive Institute
Malaysian Gas Association
Malaysian Oil & Gas Engineering Council
Malaysian Palm Oil Board
Malaysian Plastics Manufacturers Association
Ministry of Domestic Trade, Co-operatives and Consumerism
Ministry of International Trade and Industry
Petroleum Nasional Berhad
PETRON Malaysia Refining & Marketing Bhd
Road Transport Department Malaysia
Royal Malaysian Customs Department
Shell Malaysia Trading Sdn Bhd
SIRIM Berhad (Secretariat)
The Institution of Engineers, Malaysia
The Malaysian Association of Hydrogen Energy
Universiti Kebangsaan Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi PETRONAS

The Technical Committee on Petroleum Fuels which developed this Malaysian Standard consists of representatives from the following organisations:

Automobile Association of Malaysia
Boustead Petroleum Marketing Sdn Bhd
Caltex Oil (M) Limited
Department of Environment
Department of Occupational Safety and Health Malaysia
Hengyuan Refining Company (Federation of Malaya) Berhad
Malaysia Automotive Institute
Malaysian Automotive Association
Malaysian Palm Oil Board
Ministry of Domestic Trade, Co-operatives and Consumerism
PETRON Malaysia Refining & Marketing Bhd
PETRONAS Dagangan Berhad
PETRONAS Fuel Technology
PETRONAS Group Technical Solutions
Road Transport Department Malaysia
Science and Technology Research Institute for Defence
Shell Global Solutions Malaysia
Shell Malaysia Trading Sdn Bhd
SIRIM Berhad (Secretariat)
The Malaysian Association of Hydrogen Energy
Universiti Teknologi Malaysia

Co-opted members:

European Union Malaysian Chamber of Commerce and Industry
Malaysian Biodiesel Association
Ministry of Plantation Industries and Commodities Malaysia
PETRON Malaysia Refining & Marketing Bhd (Refinery)

Foreword

This Malaysian Standard was developed by the Technical Committee on Petroleum Fuels under the authority of the Industry Standards Committee on Petroleum and Gas.

MS 123 consists of the following parts, under the general title *Diesel fuel - Specification*:

Part 1: Euro 2M

Part 2: Euro 4M

Part 3: Euro 5

Major modification in this revision is as follows:

- a) provision is made for a maximum of 10 % (v/v) of palm methyl ester (PME) to be included in diesel fuel.

This Malaysian Standard cancels and replaces MS 123-1:2014, *Diesel fuel - Specification - Part 1: Euro 2M* (Fourth revision) and MS 2535:2013 (P), *Diesel fuel - Blending up to 10 % of palm methyl ester - Euro 2M specification*.

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