



MALAYSIAN STANDARD

MS 122 : 1998

SPECIFICATION FOR FUEL OILS FOR USE IN ENGINES AND BURNING EQUIPMENT (SECOND REVISION)

ICS : 75.160.30

Descriptors : fuel oils, grades, composition and properties, sampling

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Committee representation

The Petroleum and Gas Industry Standards Committee under whose supervision this Malaysian Standard was developed, comprises representatives from the following Government Ministries, trade, commerce and manufacturer associations, and the scientific and professional bodies.

Department of Occupational Safety and Health
Esso Production Malaysia Inc.
Federation of Malaysian Consumers Association (FOMCA)
Fire Services Department
Jabatan Bekalan Elektrik dan Gas Malaysia
Kumpulan IKRAM
Malaysian Plastic Manufacturers Association (MPMA)
Ministry of Domestic Trade and Consumers Affairs
Mobil Oil (M) Sdn. Bhd.
Petroleum Nasional Berhad
Public Works Department (JKR)
Road Transport Department (JPJ)
Shell Malaysia
The Institution of Engineers, Malaysia

The Working Group on Petroleum Fuels and Lubricants which developed this Malaysian Standard consists of the following representatives:

Tuan. Hj. Khairuddin Ahmad (Chairman)	Ministry of Domestic Trade and Consumers Affair
Encik Aminuddin Ishak (Protem Chairman)	Department of Environment
Puan Khatijah Hashim (Secretary)	SIRIM Berhad (Standards Development Section)
Encik Abdul Rahman Abdullah	Ministry of Domestic Trade and Consumers Affair
Encik Chan Keng Sam	Ministry of Defence
Encik Ismail Shafie	Department of Occupational Safety and Health
Prof. Madya Normah Mulop	Universiti Teknologi Malaysia
Encik Phun Lee Ming/ Encik Abdul Basir Abdul Ghani	MOBIL Oil (M) Sdn. Bhd.
Ir. Lau Chu Fong/ Ir. Loke Ean Bee	SHELL (M) Trading Sdn. Bhd.
Encik Makhzan Selamat/ Encik Yee Gim Kong	PETRONAS Dagangan Berhad
Encik Eric Seah/ Puan Zawiah Ali	PETRONAS Research and Scientific Services Sdn. Bhd.
Encik Ong Eng Kiang/ Encik Chew Choy	ESSO (M) Bhd.
Encik Choong Yoke Shiang	BP (M) Sdn. Bhd.

FOREWORD

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

In the revision of this standard, references were made to the following documents:

- i) BS 2869 : Part 2 : 1988 Fuel Oils for non-marine use (for fuel oil for agricultural and industrial engines and burners).
- ii) JIS K 2205 : 1991 Fuel Oil.

In this second revision, several amendments were made to update the standard. The main changes featured are:

- 1) Classifying Grade 1, grade 2 and grade 3 fuel as light fuel oil, medium fuel oil and heavy fuel oil respectively;
- 2) Table 1, amending the flash point limit to 60°C (min) for all the grades;
- 3) Table 1, to substitute the term 'specific energy' to 'calorific value';
- 4) For undated references, the latest edition of the publication referred to applies.

This standard shall supersede MS 122 : 1986, Specification for fuel oils for use in engine and burning equipment (First revision).

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