



MALAYSIAN STANDARD

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On site sewage treatment units - Part 1: Prefabricated septic tanks specifications

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Committee representation

The Industry Standards Committee on Building, Construction and Civil Engineering (ISC D) under whose authority this Malaysian Standard was developed, comprises representatives from the following organizations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Irrigation and Drainage
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Jabatan Bekalan Air
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerajaan Tempatan
Jabatan Kerja Raya Malaysia
Kementerian Perumahan dan Kerajaan Tempatan
Malaysian Timber Industry Board
Master Builders Association Malaysia
Ministry of International Trade and Industry
Pertubuhan Akitek Malaysia
SIRIM Berhad (Secretariat)
The Chartered Institute of Building Malaysia
The Institution of Engineers, Malaysia
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Sewerage which supervised the development of this Malaysian Standard was managed by the National Water Services Commission (SPAN) in its capacity as an authorized Standards-Writing Organisation and consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Association of Environmental Contractors and Companies Malaysia
Department of Environment
IKRAM QA Services Sdn Bhd
Indah Water Konsortium Sdn Bhd
Jabatan Kerja Raya Malaysia
Master Builders Association Malaysia
Ministry of Health Malaysia (Engineering Division)
National Water Services Commissions (Secretariat)
Sewerage Services Department
SIRIM QAS International Sdn Bhd
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The Working Group on Prefabricated Septic Tanks which developed this Malaysian Standard consists of representatives from the following organisations:

Goodwater Engineering Sdn Bhd
IKRAM QA Services Sdn Bhd
Indah Water Konsortium Sdn Bhd
Loyal Engineering Sdn Bhd
National Water Services Commissions (Secretariat)
National Water Services Commissions (Sewerage Regulatory Department)
PJ Bumi Berhad
SIRIM QAS International Sdn Bhd (Construction and Building Materials Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification Section)

FOREWORD

This Malaysian Standard was developed by the Working Group on Prefabricated Septic Tanks under the authority of the Industry Standards Committee on Building, Construction and Civil Engineering. Development of this standard was carried out by National Water Services Commissions which is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for sewerage.

MS 2441 consists of the following parts, under the general title *On site sewage treatment units*:

Part 1: Prefabricated septic tanks specifications

Part 2: Prefabricated small sewage treatment system

The illustrations used in this standard are diagrammatic only and are chosen to illustrate principles of design or operation.

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