



MALAYSIAN STANDARD

MS 1777: PART 2-1:2006

CABLE TRUNKING AND DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS - PART 2: PARTICULAR REQUIREMENTS - SECTION 1: CABLE TRUNKING AND DUCTING SYSTEMS INTENDED FOR MOUNTING ON WALLS OR CEILINGS (IEC 61084-2-1:1996, IDT)

ICS: 29.060.01

Descriptors: cable trunking, ducting systems, electrical installation

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Committee representation

The Electrotechnical-1 Industry Standards Committee (ISC E) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia
Federation of Malaysian Manufacturers
Independent Power Producer
Jabatan Kerja Raya Malaysia
Malaysian Cable Manufacturers Association
Malaysian Electrical Appliances and Distributors Association
Ministry of Domestic Trade and Consumer Affairs
Ministry of International Trade and Industry
Persatuan Pengguna-Pengguna Standard Malaysia
Pusat Tenaga Malaysia
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Komunikasi dan Multimedia Malaysia
Suruhanjaya Tenaga
Tenaga Nasional Berhad
The Electrical and Electronics Association of Malaysia
The Institution of Engineers, Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Low Voltage Switchgears, Controlgears and Wiring Accessories which supervised recommends adoption of the IEC Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
ABB Installations Materials (East Asia) Pte Ltd
Clipsal Industries (Holdings) Limited
Clipsal (Malaysia) Sdn Bhd
Hager Engineering (M) Sdn Bhd
Jabatan Kerja Raya Malaysia
Megapower Manufacturing (M) Sdn Bhd
Schneider Electric Industries (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Division
TNB Research Sdn Bhd
Universiti Malaya

The Working Group on Cable Management Systems recommends adoption of the IEC Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Clipsal International Pte Ltd
Davis Quantec Systems (Asia) Sdn Bhd
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Kerja Raya Malaysia
Megapower Manufacturing (M) Sdn Bhd
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Electrotechnical Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Section)
Suruhanjaya Tenaga
The Electrical and Electronics Association of Malaysia
TNB Distribution Division
United U-li Corporation Berhad

NATIONAL FOREWORD

This adoption of the IEC Standard as a Malaysian Standard was recommended by the Working Group on Cable Management Systems under the authority of the Electrotechnical-1 Industry Standards Committee.

This Malaysian Standard is identical with IEC 61084-2-1:1996, *Cable trunking and ducting systems for electrical installations – Part 2: Particular requirements – Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings*, published by the International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following applies:

- 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; and
- c) the basis IEC 61084-2-1 is printed in English and French languages. However, only the English version is applied for this Malaysian Standard.

MS 1777 consists of the following parts, under the general title *Cable trunking and cable ducting systems* for electrical installations:

- *Part 1: General requirements*
- *Part 2-1: Particular requirements – Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings*
- *Part 2-2: Particular requirements – Cable trunking systems and cable ducting systems intended for underfloor and flushfloor installations*
- *Part 2-4: Particular requirements – Section 4: Service poles*

This Standard shall be used in conjunction with MS 1777: Part 1, *Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements*.

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.