



MALAYSIAN STANDARD

MS ISO 16750-2:2011

ROAD VEHICLES - ENVIRONMENTAL CONDITIONS AND TESTING FOR ELECTRICAL AND ELECTRONIC EQUIPMENT - PART 2: ELECTRICAL LOADS (ISO 16750-2:2010, IDT)

ICS: 43.040.10

Descriptors: road vehicles, environmental conditions, testing, electrical and electronic equipment,
electrical loads

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Committee representation

The Industry Standards Committee on Road Vehicles (ISC L) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Automobile Association of Malaysia
Department of Environment Malaysia
Department of Standards Malaysia
Jabatan Pengangkutan Jalan Malaysia
Malaysian Automotive Association
Malaysian Automotive Components Parts Manufacturers Association (MACPMA)
Malaysian Institute of Road Safety Research
Ministry of International Trade and Industry
Motorcycle and Scooter Assemblers and Distributor Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
PERODUA Manufacturing Sdn Bhd
Perusahaan Otomobil Nasional Sdn Bhd
Polis Diraja Malaysia
SIRIM Berhad (Secretariat)
Small and Medium Industries Development Corporation
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Electrical and Electronic Equipment which recommended the adoption of the ISO Standard as Malaysian Standard consists of representatives from the following organisations:

Automobile Association of Malaysia
Jabatan Kerja Raya Malaysia
Malaysian Industrial Development Authority
Ministry of Domestic Trade, Co-operatives and Consumerism
Science and Technology Research Institute for Defence
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Universiti Teknikal Malaysia
Universiti Teknologi Malaysia

Co-opted members:

NGK Spark Plugs Malaysia Berhad
PERODUA Manufacturing Sdn Bhd
PROTON Holdings Berhad

NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Electrical and Electronic Equipment under the authority of the Industry Standards Committee on Road Vehicles.

This Malaysian Standard is identical with ISO 16750-2:2010, *Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads*, published by the International Organization for Standardization (ISO). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard" should read "this Malaysian Standard";
and
- b) the comma which is used as a decimal sign (if any), to read as a point.

MS ISO 16750 consists of the following parts, under the general title *Road vehicles - Environmental conditions and testing for electrical and electronic equipment*:

Part 1: General

Part 2: Electrical loads

Part 3: Mechanical loads

Part 4: Climatic loads

Part 5: Chemical loads

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 21-1.