



MALAYSIAN STANDARD

MS 1-1:2011

PROTECTIVE HELMETS AND VISORS FOR VEHICLE USERS - SPECIFICATION - PART 1: PROTECTIVE HELMETS (THIRD REVISION)

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Committee representation

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

Automobile Association of Malaysia
Department of Environment
Department of Standards Malaysia
Jabatan Pengangkutan Jalan Malaysia
Malaysian Automotive Association
Malaysian Automotive Components Parts Manufacturers Association
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
PUSPAKOM Sdn Bhd
Road Safety Department Malaysia
SIRIM Berhad (Secretariat)
SME Corporation Malaysia
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Motorcycles which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Armstrong Auto Parts Sdn Bhd
Boon Siew Honda Sdn Bhd
HL Yamaha Motor Research Centre Sdn Bhd
Jabatan Pengangkutan Jalan Malaysia
Kilang Rantai SA Sdn Bhd
KYB-UMW Malaysia Sdn Bhd
Malaysian Institute of Road Safety Research
Motorcycle and Scooter Assemblers and Distributor Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
Polis Diraja Malaysia
PUSPAKOM Sdn Bhd
SIRIM Berhad (Secretariat)

Co-opted members:

Kawasaki Motors (Malaysia) Sdn Bhd

The Working Group on Protective Helmet for Road Users which developed this Malaysian Standard consists of representatives from the following organisations:

Automobile Association of Malaysia
Bo Go Optical Sdn Bhd
HL Yamaha Motor Research Centre Sdn Bhd
Jabatan Keselamatan Jalan Raya
Jabatan Pengangkutan Jalan Malaysia
KHI Manufacturer Sdn Bhd
Malaysian Institute of Road Safety Research
Ministry of Domestic Trade, Co-operatives and Consumerism
Motorcycle and Scooter Assemblers and Distributor Association of Malaysia
Motosikal dan Enjin Nasional Sdn Bhd
Polis Diraja Malaysia
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd
Solidgold Helmets Sdn Bhd
Universiti Putra Malaysia

MS 1-1:2011

FOREWORD

This Malaysian Standard was developed by the Working Group on Protective Helmet for Road Users under the authority of the Industry Standards Committee on Road Vehicles.

This Malaysian Standard is the third revision of MS 1, *Specification for protective helmets for vehicle users*.

In the revision of this Malaysian Standard, reference was made to United Nations Economic Commission for Europe Regulation No. 22 Revision 4 (UNECE R 22), Uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motor cycles and mopeds.

Major modifications in this revision are as follows:

- a) the title has been changed to "Protective helmets and visors for vehicle users - Specification - Part 1: Protective helmets (Third revision)";
- b) incorporation of new clause on "Normative references";
- c) addition of new definitions;
- d) incorporation of new test methods; and
- e) incorporation of Annex A on "Test machines".

MS 1 consists of the following parts, under the general title *Protective helmets and visors for vehicle users - Specification*:

Part 1: Protective helmets

Part 2: Visors

This Malaysian Standard cancels and replaces MS 1:1996, Amd. 1:1998.

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