



# MALAYSIAN STANDARD

MS ISO 12353-2:2008  
(CONFIRMED:2015)

## Road vehicles - Traffic accident analysis - Part 2: Guidelines for the use of impact severity measures (ISO 12353-2:2003, IDT)

ISO 12353-2:2003 is endorsed as Malaysian Standard with the reference number MS ISO 12353-2:2008.

**ICS: 43.040.80**

Descriptors: road vehicles, traffic accident analysis, guidelines, impact, severity measures

NOTE. This Malaysian Standard has been reviewed and confirmed as being current.

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Department of Environment, Malaysia  
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 Berhad  
Polis Diraja Malaysia  
Small and Medium Industries Development Corporation  
Universiti Teknologi Malaysia

The Technical Committee on Passive Safety which recommended the adoption of the ISO Standard consists of representatives from the following organisations:

Autoliv Hirotako Safety Sdn Bhd  
Automobile Association of Malaysia  
Department of Occupational Safety and Health Malaysia  
Furniweb Manufacturing Sdn Bhd  
Jabatan Pengangkutan Jalan Malaysia  
Johnson Controls Automotive Holding (M) Sdn Bhd  
Malaysian Automotive Association  
Malaysian Institute of Road Safety Research  
PERODUA Manufacturing Sdn Bhd  
Perusahaan Otomobil Nasional Berhad  
Polis Diraja Malaysia  
Shin Nagoya (M) Sdn Bhd  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd (Mechanical and Automotive Section)  
Universiti Teknologi MARA

# MS ISO 12353-2:2008

## NATIONAL FOREWORD

The adoption of the ISO Standard as a Malaysian Standard was recommended by the Technical Committee on Passive Safety under the authority of the Industry Standards Committee on Road Vehicles.

This Malaysian Standard is identical with ISO 12353-2:2003, *Road vehicles - Traffic accident analysis - Part 2: Guidelines for the use of impact severity measures*, 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";
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) references to International Standards should be replaced by equivalent Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
ISO 12353 -1, <i>Road vehicles - Traffic accident analysis - Part 1: Vocabulary</i>	MS ISO 12353-1, <i>Road vehicles - Traffic accident analysis - Part 1: Vocabulary</i>
ISO 6813, <i>Road vehicles - Collision classification - Terminology</i>	MS ISO 6813, <i>Road vehicles - Collision classification - Terminology</i>

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.

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**Road vehicles — Traffic accident  
analysis —**

Part 2:  
**Guidelines for the use of impact severity  
measures**

*Véhicules routiers — Analyse des accidents de la circulation —*

*Partie 2: Lignes directrices pour l'utilisation des mesures de gravité des  
chocs*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 12353-2 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 12, *Passive safety crash protection systems*.

ISO 12353 consists of the following parts, under the general title *Road vehicles — Traffic accident analysis*:

- *Part 1: Vocabulary*
- *Part 2: Guidelines for the use of impact severity measures*