



MALAYSIAN STANDARD

MS 595: PART 2:2003

SPECIFICATION FOR SAFETY-GLASS PANE FOR MOTOR VEHICLES: PART 2: METHODS OF TEST (SECOND REVISION)

ICS: 43.060.60

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Committee representation

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

Automobile Association of Malaysia
Department of Standards Malaysia
Jabatan Alam Sekitar
Jabatan Pengangkutan Jalan
Kementerian Perdagangan Antarabangsa dan Industri
Malaysian Automotive Association
Motosikal dan Enjin Nasional Sdn Bhd
Perodua Manufacturing Sdn Bhd
Persatuan Pembekal Proton
Polis Diraja Malaysia
PROTON Berhad
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Working Group on Safety-glass for Motor Vehicles which developed this Malaysian Standard consists of representatives from the following organisations:

Automobile Association of Malaysia
Jabatan Pengangkutan Jalan
Malaysian Automotive Association
Malaysian Industrial Development Authority
National Institute of Occupational Safety and Health
PROTON Berhad
Pusat Pemeriksaan Kenderaan Berkomputer Sdn Bhd
SIRIM Bhd (Secretariat)
SIRIM QAS International Sdn Bhd

Co-opted members:

Malaysian Sheet Glass Berhad
MCIS Safety-Glass Pane Sdn Bhd
Perodua Manufacturing Sdn Bhd
Persatuan Insurans Am Malaysia (PIAM)

MS 595: PART 2:2003

FOREWORD

This Malaysian Standard was developed by the Working Group on Safety-glass for Motor Vehicles under the authority of the Road Vehicles Industry Standards Committee.

During the development of this standard, reference was made to:

- a) ECE Regulation 43:2002, Uniform provisions concerning the approval of safety glazing materials.
- b) JIS R3212:1998, Test method of safety glazing materials for road vehicles.

MS 595 consists of the following parts, under the general title, Specification for safety glass for motor vehicles:

- Part 1 - General requirements; and
- Part 2 - Methods of test.

Major modifications from the first revision are as follows:

- a) a new specification for organic glass has been introduced;
- b) a new type of glass-plastics has been introduced;
- c) the term 'toughened-glass' has been amended to 'uniformly toughened-glass';
- d) addition of five new tests for chemical resistance, combustion resistance, weather resistance, dimensional stability and temperature dependency for organic glass and glass-plastics; and
- e) the impact test has been modified.

This second revision cancels and replaces MS 595:1989, Specification for safety glass for motor vehicles: Part 2: Methods of test (First revision).

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