



MALAYSIAN STANDARD

MS 1164:2005

ROAD VEHICLES - REPLACEMENT BRAKE LINING ASSEMBLIES AND DRUM BRAKE LININGS FOR POWER-DRIVEN VEHICLES - SPECIFICATION (FIRST REVISION)

ICS: 43.040.40

Descriptors: replacement service, brake lining, performance, packing

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CONTENTS

		Page
	Committee representation.....	ii
	Foreword.....	iii
1	Scope.....	1
2	Normative references.....	1
3	Definitions.....	1
4	Specifications and tests.....	3
5	Packaging and marking.....	5
Tables		
A1	Initial speed.....	8
A2	Axle portion.....	9
C1	Test schedule for pad assembly with constant pressure.....	17
C2	Test schedule for shoe assembly with constant pressure.....	17
C3	Test schedule with constant torque.....	18
C4	Test schedule.....	20
Annexes		
A	Requirements for replacement brake lining assemblies for vehicles of Categories M ₁ , M ₂ and N ₁	7
B	Requirements for replacement brake lining assemblies and drum brake linings for vehicles of Categories M ₃ , N ₂ and N ₃	11
C	Determination of friction behaviour by machine testing.....	16

MS 1164:2005

Committee representation

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

Automobile Association of Malaysia
Department of Environment Malaysia
Department of Standards Malaysia
Jabatan Pengangkutan Jalan
Malaysian Automotive Association
Ministry of International Trade and Industry
Motosikal dan Enjin Nasional Sdn Bhd
Perodua Manufacturing Sdn Bhd
Polis DiRaja Malaysia
Proton Berhad
Proton Vendor Association
Universiti Putra Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Braking, Suspension Systems and Mechanical Support which developed this Malaysian Standard consists of representatives from the following organisations:

FMP Automotive (M) Sdn Bhd
Jabatan Pengangkutan Jalan
Malaysian Automotive Association
Mintye Industries Berhad
Perodua Manufacturing Sdn Bhd
Perusahaan Otomobil Nasional Berhad
Polis DiRaja Malaysia
Qualibrakes Industries Sdn Bhd
Sapura Motor Berhad
SIRIM Berhad (AMREC)
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Mechanical Product Testing Section)
SIRIM QAS International Sdn Bhd (Product Certification Section)
Universiti Teknologi Malaysia

FOREWORD

This Malaysian Standard was developed by the Technical Committee on Braking, Suspension Systems and Mechanical Support under the authority of the Road Vehicles Industry Standards Committee.

This Malaysian Standard is the first revision of MS 1164:1989, *Specification for technical requirements for the interchangeability of brake lining materials*.

This Malaysian Standard is technically equivalent to UN/ECE Regulation No. 90, *Uniform provisions concerning the approval of replacement brake lining assemblies and drum brake linings for power-driven vehicles and their trailers*.

The deviation from UN/ECE Regulation No. 90 is that vehicle categories O and L and anything related to them are being omitted.

Major modifications in this revision are as follows:

- a) requirements for replacement brake lining assemblies have been divided into two categories:
 - i) M₁, M₂ and N₁; and
 - ii) M₃, N₂ and N₃.
- b) a clause on packing and marking has been added; and
- c) classification of defect linings has been deleted.

This revised Malaysian Standard cancels and replaces MS 1164:1989.

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