



MALAYSIAN STANDARD

MS 1990-2-9:2010

MANUAL OF TESTS AND CRITERIA FOR TRANSPORT OF DANGEROUS GOODS - PART 2: CLASSIFICATION PROCEDURES, TEST METHODS AND CRITERIA RELATING TO EXPLOSIVES OF CLASS 1 - SECTION 9: TEST SERIES 8

ICS: 13.300, 19.020, 71.100.30

Descriptors: manual of tests and criteria, classification procedures, explosives of Class 1, Test Series 8

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Committee representation

The Industry Standards Committee on Packaging and Distribution (ISC K) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Civil Aviation Malaysia
Department of Environment
Department of Standards Malaysia
Federation of Malaysian Freight Forwarders
Federation of Malaysian Manufacturers
Federation of Malaysian Port Operators Companies
Jabatan Pengangkutan Jalan Malaysia
Keretapi Tanah Melayu Berhad
Malaysia Marine Department
Malaysian Plastics Manufacturers Association
Malaysian Pulp and Paper Manufacturers Association
Ministry of Domestic Trade, Co-operatives and Consumerism
Ministry of International Trade and Industry
Port Klang Authority
SIRIM Berhad (Secretariat)
Universiti Putra Malaysia

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

Atomic Energy Licensing Board
Central Region Shipping Association
Department of Civil Aviation Malaysia
Jabatan Bomba dan Penyelamat Malaysia
Jabatan Pengangkutan Jalan Malaysia
Keretapi Tanah Melayu Berhad
Kuching Port Authority
Malaysia Airlines Academy
Malaysia Marine Department
Malaysian Shipowners' Association
Marine Department of Sabah
Port Klang Authority
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Mechanical and Automotive Section)
SIRIM QAS International Sdn Bhd (Product Certification Unit)

The Working Group on Manual of Tests and Criteria for Transport of Dangerous Goods which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Chemistry, Malaysia
Department of Environment
Department of Occupational Safety and Health Malaysia
Port Klang Authority
Science and Technology Research Institute for Defence
SIRIM Berhad (Industrial Biotechnology Research Centre)
SIRIM Berhad (Secretariat)
SIRIM QAS International Sdn Bhd (Mechanical and Automotive Section)
SME Ordnance Sdn Bhd
Tenaga Kimia Sdn Bhd
Universiti Kebangsaan Malaysia

FOREWORD

This Malaysian Standard was developed by the Working Group on Manual of Tests and Criteria for Transport of Dangerous Goods under the authority of the Industry Standards Committee on Packaging and Distribution.

This Malaysian Standard is a modified adoption of the *Manual of tests and criteria for transport of dangerous goods (4th revised edition)*, including its Amendment 1:2005 and Amendment 2:2007, published by the United Nations. This part is identical with Section 18 of the manual.

The series of this MS 1990 consists of the following parts, under the general title *Manual of tests and criteria for transport of dangerous goods*:

Part 1: General introduction

Part 2: Classification procedures, test methods and criteria relating to explosives of Class 1

Part 3: Classification procedures, test methods and criteria relating to self-reactive substances of Division 4.1 and Organic Peroxides of Division 5.

Part 4: Classification procedures, test method and criteria relating to Class 2, Class 3, Class 4, Division 5.1, Class 8 and Class 9

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