



MALAYSIAN STANDARD

**MS 1513 : PART 6 :
SUB PART 1 : 2001**

**PACKAGING – TRANSPORT OF DANGEROUS
GOODS :
PART 6 : SUB PART 1 : REQUIREMENTS FOR
THE CONSTRUCTION AND TESTING OF
PACKAGINGS FOR DANGEROUS GOODS**

ICS : 13.300

Descriptors : definition, packing requirements, tests requirements, code designation

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CONTENTS

	Page
Committee representation.....	ii
Foreword.....	iii
1 Scope	1
2 Referenced documents.....	1
3 Definitions	1
4 General	5
5 Code for designating types of packaging.....	6
6 Marking	8
7 Requirements for packagings	12
8 Test requirements for packaging	23
9 Requirements for the construction and testing of receptacles.....	31
10 Requirements for the construction and testing of packagings for Division 6.2 substances.....	32
Tables	
1 Code for designating type of packaging	7
2 Descriptions of drop test	27
3 Material characteristics and tests required.....	33

MS 1513 : PART 6 : SUB PART 1 : 2001

Committee representation

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

Department of Environment
Department of Standards Malaysia
Federation of Malaysian Consumers Associations
Federation of Malaysian Freight Forwarders
Federation of Malaysian Manufacturers – Packaging Council of Malaysia
Federation of Malaysian Port Operator Companies
Malaysian Agricultural Research and Development Institute
Malaysian Plastics Manufacturers Association
Malaysian Pulp and Paper Manufacturers Association
Ministry of Health
Ministry of Transport
Port Klang Authority
Universiti Putra Malaysia

The Technical Committee on Packaging which was authorised to developed this Malaysian Standard consists of representatives from the following organisations :

Jabatan Bomba dan Penyelamatn Malaysia
Keretapi Tanah Melayu Berhad
Lembaga Pemasaran Pertanian Persekutuan
Malaysia Airlines
Malaysian Palm Oil Board
Malaysian Agricultural Research and Development Institute
Ministry of Health
Packaging Council of Malaysia
Port Klang Authority
SIRIM Berhad (Secretariat)
SIRIM QAS Sdn. Bhd.
Universiti Putra Malaysia

A Working Group on Packaging of Dangerous Goods which consists of representatives from the following organisations was set up by the Technical Committee to develop this Malaysian Standard.

Department of Civil Aviation
Department of Occupational Safety and Health
Federation of Malaysian Freight Forwarders
Jabatan Pengangkutan Jalan
Keretapi Tanah Melayu Berhad
Malaysia Airlines
Ministry of Defence
Ministry of Transport
Packaging Council of Malaysia
Port Klang Authority
SIRIM Berhad (Secretariat)
SIRIM QAS Sdn. Bhd.
The Institution of Engineers, Malaysia
Universiti Kebangsaan Malaysia

Co-opted members:

Atomic Energy Licensing Board
Chemistry Department

MS 1513 : PART 6 : SUB PART 1 : 2001

FOREWORD

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

This standard corresponds to the following chapters from the Recommendations on the Transportation of Dangerous Goods – Model Regulations, 1997 edition, published by the United Nations.

- a) Chapter 1.2 : Definitions and units of measurement.
- b) Chapter 6.1 : Requirements for the construction and testing of packagings (other than for Division 6.2 substances).
- c) Chapter 6.2 : Requirements for the construction and testing of receptacles for gases.
- d) Chapter 6.3 : Requirements for the construction and testing of packagings for Division 6.2 substances.

The text from the above chapters is recommended for publication as a Malaysian Standard with technical changes and modifications as follows:

- a) only terms used in this standard are abstracted from Chapter 1.2; and
- b) for requirements on the packages of radioactive materials, reference was made to the national regulation – Radiation Protection (Transport) Regulations, 1989 instead of Regulations of the International Atomic Energy Agency (IAEA), 1996, where applicable.

This standard is a Sub Part 1 of Part 6 of MS 1513, under the general title Packaging – Transport of Dangerous Goods. Other Sub Parts of Part 6 are:

- Sub Part 2 : Requirements for the construction and testing of intermediate bulk containers.
- Sub Part 3 : Requirements for the design, construction, inspection and testing of portable tanks.

This standard cancels and replaces MS 1248 : 1991(P) – Recommendation on the packaging of dangerous goods.

In the development of this standard, acknowledgement is hereby made to the United Nations Economic Commission for Europe for parts which are reproduced verbatim.

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