



# MALAYSIAN STANDARD

MS 1513-1:2019

## Packaging – Transport of dangerous goods - Part 1: General provisions, definitions and training (First revision)

ICS: 13.300

Descriptors: dangerous goods, transport, provisions, definitions, training

© Copyright 2019

DEPARTMENT OF STANDARDS MALAYSIA

**Contents**

	<b>Page</b>
Committee representation .....	ii
Foreword.....	iii
1 Scope .....	1
2 Normative references.....	1
3 Application.....	2
4 Dangerous goods forbidden from transport .....	3
5 Terms and definitions.....	4
6 Units of measurement.....	14
7 Training .....	18

## MS 1513-1:2019

### Committee representation

The Industry Standards Committee on Packaging and Logistic (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 Malaysia Freight Forwarders  
Federation of Malaysian Manufacturers  
Keretapi Tanah Melayu Berhad  
Malaysia Institute of Transport  
Malaysia Pulp and Paper Manufacturers Association  
Malaysian Plastics Manufacturers Association  
Marine Department Malaysia  
Ministry of International Trade and Industry (Logistic Section)  
Ministry of Transport  
Port Klang Authority  
Road Transport Department Malaysia (Automotive Engineering Division)  
Suruhanjaya Pengangkutan Awam Darat  
Universiti Putra Malaysia

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

Atomic Energy Licensing Board  
Department of Civil Aviation Malaysia  
Department of Environment  
Department of Marine Malaysia  
Department of Occupational Safety and Health Malaysia  
Jabatan Bomba dan Penyelamat Malaysia  
Keretapi Tanah Melayu Berhad  
Port Klang Authority  
Road Transport Department Malaysia  
Science Technology Research Institute for Defence  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd (Mechanical & Automotive Testing Section)  
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Department)  
Suruhanjaya Pengangkutan Awam Darat

## Foreword

This Malaysian Standard was developed by the Technical Committee on Transportation of Dangerous Goods under the authority of the Industry Standards Committee on Packaging and Logistic.

MS 1513 consists of the following parts, under the general title Packaging - Transport of dangerous goods:

*Part 1: General provisions, definitions and training*

*Part 2: Classification*

*Part 3: Dangerous goods list, special provisions and exceptions*

*Part 4: Packing and tank provisions*

*Part 5: Consignment procedures*

*Part 6: Requirements for the construction and testing of packagings, intermediate bulk containers (IBCs), large packagings, portable tanks and multiple-element gas containers (MEGCs)*

*Part 7: Provisions concerning transport operations*

Major modifications in this revision are as follows:

- a) the technical contents of all sub-parts which deal with general provisions, definitions and training have been incorporated into this part;
- b) the scope has been changed to reflect this combination of all sub-parts; and
- c) terms and definitions have been amended accordingly.

This Malaysian Standard cancels and replaces MS 1513: Part 1: Sub-part 1: 2002, *Packaging - Transport of dangerous goods - Part 1: General provisions, definitions and training : Sub-part 1: General provisions*, MS 1513: Part 1: Sub-part 2: 2001, *Packaging - Transport of dangerous goods - Part 1: General provisions, definitions and training : Sub-part 2: Definitions and units of measurement* and MS 1513: Part 1: Sub-part 3: 2001, *Packaging - Transport of dangerous goods : Part 1: General provisions, definitions and training : Sub-part 3: Training*.

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