



# **MALAYSIAN STANDARD**

**MS 1539: PART 3:2003**

## **SPECIFICATION FOR PORTABLE FIRE EXTINGUISHERS – PART 3: SELECTION AND INSTALLATION – CODE OF PRACTICE (FIRST REVISION)**

**ICS: 13.220.20**

Descriptors: portable fire extinguisher, selection, installation, code of practice

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## CONTENTS

	<b>Page</b>
Committee representation.....	ii
Foreword.....	iii
1 Scope.....	1
2 Referenced documents.....	1
3 Definitions.....	1
4 General considerations.....	3
5 Suitability of extinguishers for various classes of fire.....	4
6 Distribution of extinguishers according to fire classification and rating of extinguisher.....	7
7 Siting of extinguishers.....	12
 Tables	
1 Maximum area of class B fire (deep liquid) for which extinguishers are suitable.....	9
2 Maximum area of class F fire (cooking oil) for which extinguishers are suitable.....	12
A1 Dimensions of class A test fires.....	14
B1 Tank arrangement in Example 3.....	16
C1 Dimensions of class B test fires.....	22
 Appendices	
A System of rating extinguishers by fire tests in MS 1539: Part 1.....	14
B Examples in the application of the recommendations for minimum provision of extinguishers.....	15
C The practical effectiveness of extinguishers and derivation of Table 1.....	21

## MS 1539: PART 3:2003

### Committee representation

The Fire Safety and Prevention Industry Standards Committee (ISC M) under whose supervision this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Chemistry Department Malaysia  
Construction Industry Development Board Malaysia  
Consumers Association of Terengganu  
Department of Standards Malaysia  
Forest Research Institute of Malaysia  
Jabatan Bomba dan Penyelamat Malaysia  
Jabatan Kerja Raya  
General Insurance Association of Malaysia  
Housing Developers Association of Malaysia  
Malaysian Fire Protection Association  
Master Builders Association of Malaysia  
Pertubuhan Akitek Malaysia  
The Institution of Engineers, Malaysia  
The Institution of Fire Engineers (UK) Malaysia Branch

The Technical Committee on Clean Agent Fire Extinguishing System, which developed this Malaysian Standard consists of representatives from the following organisations:

Erif Electronics Sdn Bhd  
Federation of Manufacturing, Malaysia  
Jabatan Bomba dan Penyelamat Malaysia  
Jabatan Kerja Raya  
General Insurance Association of Malaysia  
Kolling Engineering Sdn Bhd  
Malaysian Fire Protection Association  
SIRIM Berhad (Secretariat)  
SIRIM QAS Sdn Bhd (Fire Engineering Testing Section)  
The Institution of Engineers, Malaysia  
The Institution of Fire Engineers (UK) Malaysia Branch  
Universiti Putra Malaysia

The Working Group on Portable Fire Extinguisher comprising the following members was set up by the Technical Committee to assist with the preparation of this Malaysian Standard:

Eversafe Extinguisher Sdn Bhd  
Federal Iron Works Sdn Bhd  
Fire Fighter (M) Sdn Bhd  
Fitters Fire Technology Sdn Bhd  
Flammart Sdn Bhd  
Jabatan Bomba dan Penyelamat Malaysia  
SIRIM Berhad (Secretariat)  
SIRIM QAS Sdn Bhd (Product Certification Unit)  
SIRIM QAS Sdn Bhd (Fire Engineering Testing Section)  
Steel Ricon Industries Sdn Bhd  
The Institution of Fire Engineers (UK) Malaysia Branch  
Universiti Putra Malaysia

## **FOREWORD**

This Malaysian Standard was developed by Working Group on Portable Fire Extinguisher established under the authority of the Fire Safety and Prevention Industry Standards Committee.

This standard is the first revision of MS 566: Part 3:1978, Code of practice for fire fighting installations and equipment – Part 3: Portable fire extinguisher and in the process new MS number, MS 1539 has been assigned.

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

1. BS 5306-8:2000 Fire extinguishing installations and equipment on premises – Part 8: Selection and installation of portable fire extinguisher – Code of practice
2. MS 1471 – Part 1:1999 Vocabulary on fire protection – Part 1: General terms and phenomena of fire

MS 1539 consists of the following parts, under the general title, 'Specification for portable fire extinguishers':

Part 1: Construction and test methodology

Part 2: Specification for wheeled fire extinguishers\*

Part 3: Selection and installation – Code of practice

Part 4: Inspection and maintenance – code of practice\*

Part 5: Portable fire extinguisher for use on cooking oil fires (Class F)\*

Part 6: Specification for small, disposable and non-refillable fire extinguisher\*

Part 7: Portable fire extinguisher for vehicles\*

This Malaysian Standard is to emphasise the importance for the fire protection of a building to be considered as a whole. Portable fire extinguishers form only part, although an important part, of such facilities, and it should not be assumed that their provision entirely obviates the need for other protection, e.g. internal rising main, hose reels, sprinklers, fire blankets or other automatic or manual extinguishing systems, or trolley mounted or large mobile extinguishing units. Portable fire extinguishers are valuable in the early stages of fire when their portability and immediate availability for use by one person enable a prompt attack to be made. They cannot be expected to deal with a large fire since they are essentially first aid fire-fighting appliances of a limited capacity.

NOTE. \* These Malaysian Standards are still under development.