



MALAYSIAN STANDARD

MS 1447-1:2021

Fixed firefighting systems – Hose systems Part 1: Hose reels with semi-rigid hose (Second revision)

ICS: 13.220.10

Descriptors: fixed firefighting, hose reels, semi-rigid, systems

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DEPARTMENT OF STANDARDS MALAYSIA

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Committee representation

The National Standards Committee on Fire Safety (NSC M) under whose authority this Malaysian Standard was adopted, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia
Construction Industry Development Board Malaysia
Department of Chemistry Malaysia
Department of Occupational Safety and Health
Department of Standards Malaysia (Secretariat)
Fire and Rescue Department of Malaysia
Forest Research Institute Malaysia
General Insurance Association of Malaysia
Malaysian Fire Protection Association
Malaysian Public Works Department (Mechanical Branch)
Master Builders Association Malaysia
Real Estate and Housing Developers' Association Malaysia
Pertubuhan Akitek Malaysia
SIRIM Berhad (Previous Secretariat)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Department)
SIRIM QAS International Sdn Bhd (Testing Services Department)
Tenaga Nasional Berhad
The Institution of Engineers, Malaysia
The Institution of Fire Engineers (UK) Malaysia Branch
Universiti Kebangsaan Malaysia
Universiti Malaya
Universiti Putra Malaysia

The Technical Committee on Wet Fire Protection System which recommended the adoption of EN standard as consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia
Department of Standards Malaysia (Secretariat)
Federation of Malaysian Manufacturers
Fire and Rescue Department of Malaysia
Fire Research Centre, Fire and Rescue Department of Malaysia
Malaysian Fire Protection Association
Malaysian Public Works Department (Mechanical Branch)
Pertubuhan Akitek Malaysia
SIRIM Berhad (Previous Secretariat)
SIRIM QAS International Sdn Bhd (Product Certification and Inspection Department)
SIRIM QAS International Sdn Bhd (Testing Services Department)
The Institution of Engineers, Malaysia
The Institution of Fire Engineers (UK) Malaysia Branch
Universiti Putra Malaysia

MS 1447-1:2021

National foreword

The adoption of the EN Standard as a Malaysian Standard was recommended by the Technical Committee on Wet Fire Protection System under the authority of the National Standards Committee on Fire Safety.

This Malaysian Standard is the second revision of MS 1447-1:2006, *Fixed firefighting systems – Hose systems Part 1: Hose reels with semi-rigid hose*.

MS 1447 consists of the following parts, under the general title *Fixed firefighting systems – Hose systems*:

- Part 1: *Hose reels with semi-rigid hose*
- Part 2: *Hose systems with lay-flat hose*
- Part 3: *Maintenance of hose reels with semi-rigid hose and hose systems with lay-flat hose*

This Malaysian Standard is identical with EN 671-1:2012, *Fixed firefighting systems – Hose systems – Part 1: Hose reels with semi-rigid hose* published by the European Committee for Standardization (CEN). However, for the purpose of this Malaysian Standard, the following apply:

- a) in the source text, “this European Standard” should read “this Malaysian Standard”;
- b) the comma which is used as a decimal sign (if any), to read as a point; and
- c) reference to European Standards and International Standards should be replaced by equivalent Malaysian Standards as follows:

Referenced European and International Standards

Corresponding Malaysian Standard

EN ISO 4892-2, *Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps*

MS ISO 4892-2, *Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps*

ISO 9227 *Corrosion tests in artificial atmospheres - Salt spray tests*

MS ISO 9227, *Corrosion tests in artificial atmospheres - Salt spray tests*

- d) Annex ZA found in this standard is however not applicable in Malaysia.

National foreword *(continued)*

This Malaysian Standard cancels and replaces MS 1447-1:2006.

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