



NSAI
Standards

Irish Standard
I.S. EN 671-2:2012

Fixed firefighting systems - Hose systems - Part 2: Hose systems with lay-flat hose

I.S. EN 671-2:2012

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This European Standard was approved by CEN on 9 March 2012.

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Contents

Page

Foreword.....	4
Introduction	5
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Requirements	6
4.1 General.....	6
4.2 Distribution of extinguishing media	7
4.2.1 Hose bore	7
4.2.2 Minimum flow rate	7
4.2.3 Effective throw range	7
4.2.4 Spray discharge	7
4.3 Operational reliability	7
4.3.1 Hose — General	7
4.3.2 Shut-off nozzle	8
4.3.3 Shut-off nozzle — Resistance to impact	8
4.3.4 Shut-off nozzle — Operating torque	8
4.3.5 Inlet stop valve	8
4.3.6 Hydraulic properties — Resistance to internal pressure	9
4.3.7 Hydraulic properties — Security of couplings	9
4.4 Ability to pull out the hose.....	9
4.4.1 Type 1 Reel	9
4.4.2 Type 1 and 3 Supports swinging.....	9
4.4.3 Hose — Maximum length	9
4.5 Colour	9
4.6 Cabinet.....	9
4.6.1 General.....	9
4.6.2 Opening/closing device	10
4.6.3 Cabinet for manual hose system with screw down type valve.....	10
4.6.4 Identification symbol	10
4.7 Durability aspects	10
4.7.1 Durability of operational reliability.....	10
5 Test methods.....	10
5.1 General.....	10
5.2 Distribution of extinguishing media	11
5.2.1 Hose bore	11
5.2.2 Minimum flow rate	11
5.2.3 Effective throw range	11
5.2.4 Spray discharge	11
5.3 Operational reliability	11
5.3.1 Hose — General	11
5.3.2 Shut-off nozzle	11
5.3.3 Shut-off nozzle — Resistance to impact	11
5.3.4 Shut-off nozzle — Operating torque	11
5.3.5 Inlet stop valve	11
5.3.6 Hydraulic properties — Resistance to internal pressure	11
5.3.7 Hydraulic properties — Security of couplings	12
5.4 Ability to pull out the hose.....	12
5.4.1 Type 1 Reel	12

5.4.2	Type 1 and Type 3 Supports swinging.....	12
5.4.3	Hose — Maximum length.....	12
5.5	Colour.....	12
5.6	Cabinet.....	12
5.7	Durability aspects.....	12
5.7.1	Durability of operational reliability	12
6	Evaluation of conformity	13
6.1	General	13
6.2	Initial Type Testing — Type Testing	13
6.2.1	General	13
6.2.2	Test samples.....	14
6.2.3	Test reports	14
6.3	Factory Production Control (FPC).....	14
6.3.1	General	14
6.3.2	Requirements.....	14
6.3.3	Product specific requirements.....	16
6.3.4	Initial inspection of factory and of FPC.....	17
6.3.5	Continuous surveillance of FPC	18
6.3.6	Procedure for modifications.....	18
6.3.7	One-off products, pre-production products (e.g. prototypes) and products produced in very low quantity	18
7	Marking.....	19
8	Instruction	19
8.1	Instructions for use	19
8.2	Installation and maintenance instructions	20
	Annex A (normative) Schedule for testing sequence	21
	Annex B (normative) Test method for resistance to external corrosion	22
	Annex C (normative) Ageing test for plastics materials	23
	Annex D (normative) Test method for resistance to corrosion of waterways.....	24
	Annex E (normative) Test methods for shut-off nozzle	25
E.1	Resistance to impact.....	25
E.2	Operating torque	25
E.3	Spray discharge.....	25
E.4	Flow rate and throw range.....	27
E.4.1	Flow rate.....	27
E.4.2	Throw range	28
	Annex F (normative) Test method for resistance to internal pressure	29
	Annex ZA (informative) Clauses of this European Standard addressing the provisions of EU Construction Products Directive	30
ZA.1	Scope and relevant characteristics	30
ZA.2	Procedure for the attestation of conformity of hose systems with lay-flat hose	32
ZA.2.1	System of attestation of conformity	32
ZA.2.2	EC certificate of conformity.....	34
ZA.3	CE marking and labelling.....	34

Foreword

This document (EN 671-2:2012) has been prepared by Technical Committee CEN/TC 191 “Fixed firefighting systems”, the secretariat of which is held by BSI.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2012 and conflicting national standards shall be withdrawn at the latest by January 2014.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 671-2:2001.

EN 671-2:2001 has been technically revised and editorial edited. The order of clauses has been changed. Annex ZA has been updated.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

For convenience of application in testing, the normative annexes of this European Standard are arranged so that Annex A gives the sequence of testing for conformity assessment and Annexes B, C, D, E and F are in the correct sequence for testing.

EN 671 has the general title “Fixed firefighting systems — Hose systems” and is in three parts:

- *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.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

Fire hose systems in proper condition provide a very effective firefighting facility with a continuous supply of water available immediately.

The requirements of this European Standard have been specified to ensure that hose system can be operated efficiently by one person and that such systems have a long service life.

1 Scope

This European Standard specifies requirements and methods of test for the construction and performance of fire hose reel systems with lay-flat hose for installation in buildings, permanently connected to a water supply, for use by the occupants.

Furthermore, it provides also for requirements on evaluation of conformity and marking of these products.

Its requirements may apply in general for other applications, for example in marine applications or in aggressive environments, but additional requirements may be necessary in such cases.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 671-3, *Fixed firefighting systems — Hose systems — Part 3: Maintenance of hose reels with semi-rigid hose and hose systems with lay-flat hose*

EN 14540, *Fire-fighting hoses — Non-percolating layflat hoses for fixed systems*

EN ISO 4892-2:2006, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc amps (ISO 4892-2:2006)*

ISO 7-1, *Pipe threads where pressure-tight joints are made on the threads — Part 1: Dimensions, tolerances and designation*

EN ISO 9227:2006, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227:2006)*

ISO 5208, *Industrial valves — Pressure testing of metallic valves*

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety signs*

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