EESTI STANDARD EVS-EN 671-1:2002

Paiksed tulekustutussüsteemid. Voolikusüsteemid. Osa 1: Pooljäiga voolikuga voolikupoolid

Fixed firefighting systems - Hose systems - Part 1: Hose reels with semi-rigid hose

EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 671-1:2002 sisaldab Euroopa standardi EN 671-1:2001 + AC:2002 ingliskeelset teksti. Käesolev dokument on jõustatud 14.03.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 671-1:2002 consists of the English text of the European standard EN 671-1:2001 + AC:2002. This document is endorsed on 14.03.2002 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This standard specifies requirements and methods of test for construction and performance of fire hose reel systems with semi-rigid hose for installation in buildings and other construction works, permanently connnected to a water supply, for use by the occupants.	**Scope:** This standard specifies requirements and methods of test for construction and performance of fire hose reel systems with semi-rigid hose for installation in buildings and other construction works, permanently connnected to a water supply, for use by the occupants.

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Võtmesõnad:

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English version

Fixed firefighting systems

Hose systems

Part 1: Hose reels with semi-rigid hose

Installations fixes de lutte contre l'incendie – Systèmes équipés de tuyaux – Partie 1: Robinets d'incendie armés de tuyaux semi-rigides

Ortsfeste Löschanlagen – Wandhydranten – Teil 1: Schlauchhaspeln mit formstabilem Schlauch

This European Standard was approved by CEN on 2001-03-01.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 191 "Fixed firefighting system", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2001, and conflicting national standards shall be withdrawn at the latest by January 2003.

This European Standard replaces EN 671-1:1994.

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

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports the essential requirements of EU Directive 89/106/EEC.

For relationship with EU Directives, see informative Annex ZA, which is an integral part of this Standard.

Annexes A, B, C, D, E and F are normative.

This European Standard includes a bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland 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 standard have been framed to ensure that hose reels can be operated efficiently by one person and that such systems will have a long service life and will not need excessive maintenance.

1 Scope

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

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.

This standard is applicable to both manual and automatic fire hose reels for installation with and without cabinets.

For convenience of application in conformity testing, the normative annexes of this 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.

NOTE All pressures are gauge pressures and are expressed in megapascals. 1 MPa = 10 bar.

2 Normative references

This European Standard incorporates by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment of revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 694:2001, *Fire-fighting hoses – Semi-rigid hoses for fixed systems.*

EN ISO 4892-2:1999, *Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc sources (ISO 4892-2:1994).*

ISO 9227:1990, *Corrosion tests in artificial atmospheres; salt spray tests.*