



BSI Standards Publication

Fixed firefighting systems — Water mist systems

Part 11: Test protocol for cable tunnels for open nozzle system

National foreword

This British Standard is the UK implementation of EN 14972-11:2023.

The UK participation in its preparation was entrusted to Technical Committee FSH/18/5, Watermist systems.

A list of organizations represented on this committee can be obtained on request to its committee manager.

BSI, as a member of CEN, is obliged to publish EN 14972-11:2023 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee advised against its approval.

It is the view of the UK committee that some of the requirements in EN 14972-11:2023 are suboptimal to the recommendations in the BS 8489 series and to the protocols that have been in use in the UK to date.

The UK committee also has a concern to the degree of reliance on the design, installation, operation and maintenance (DIOM) manual to constrain critical parameters with regard to the whole EN 14972 series of documents.

The UK committee also has concerns about a number of other aspects of EN 14972-11:2023. The UK committee believes that the standard does not sufficiently cover certain technical and safety matters. These have been addressed to some extent in the national annexes to BS EN 14972-11:2023, which are appended at the back of this document.

The limits of application of the fire test protocols and other constraints have not, at the time of writing, been published. The intended scope and clear limits of the fire test protocols to the application of this standard are fundamental to its safe implementation. National Annexes NA and NB contain the UK committee recommendations (i.e. mechanisms to declare and constrain limits of application).

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Fixed firefighting systems - Water mist systems - Part 11: Test protocol for cable tunnels for open nozzle systems

Installations fixes de lutte contre l'incendie - Systèmes
à brouillard d'eau - Partie 11 : Protocole d'essai des
systèmes à buses ouvertes pour galeries de câbles

Ortsfeste Brandbekämpfungsanlagen -
Wassernebelsysteme - Teil 11: Prüfprotokoll für
Kabeltunnel für offene Düsensysteme

This European Standard was approved by CEN on 17 April 2023.

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This European Standard exists 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European foreword

This document (EN 14972-11:2023) has been prepared by Technical Committee CEN/TC 191 “Fixed firefighting systems”, 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 November 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.

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

The EN 14972 series, published under the general title *Fixed firefighting systems — Water mist systems*, consists of the following parts. This list includes standards that are in preparation, and other standards can be added. For the current status of published standards, refer to www.cencenelec.eu.

- *Part 1: Design, installation, inspection and maintenance;*
- *Part 2: Test protocol for shopping areas for automatic nozzle systems;*
- *Part 3: Test protocol for office, school classrooms and hotel for automatic nozzle systems;*
- *Part 4: Test protocol for non-storage occupancies for automatic nozzle systems;*
- *Part 5: Test protocol for car garages for automatic nozzle systems;*
- *Part 6: Test protocol for false floors and false ceilings for automatic nozzle systems;*
- *Part 7: Test protocol for commercial low hazard occupancies for automatic nozzle systems;*
- *Part 8: Test protocol for machinery in enclosures exceeding 260 m³ for open nozzle systems;*
- *Part 9: Test protocol for machinery in enclosures not exceeding 260 m³ for open nozzle systems;*
- *Part 10: Test protocol for atrium protection with sidewall nozzles for open nozzle systems;*
- *Part 11: Test protocol for cable tunnels for open nozzle systems;*
- *Part 12: Test protocol for commercial deep fat cooking fryers for open nozzle systems;*
- *Part 13: Test protocol for wet benches and other similar processing equipment for open nozzle systems;*
- *Part 14: Test protocol for combustion turbines in enclosures exceeding 260 m³ for open nozzle systems;*
- *Part 15: Test protocol for combustion turbines in enclosures not exceeding 260 m³ for open nozzle systems;*
- *Part 16: Test protocol for industrial oil cookers for open nozzle systems;*
- *Part 17: Test protocol for residential occupancies for automatic nozzle systems.*

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.