

<b>STN</b>	<b>Stabilné hasiace zariadenia Systémy na vodnú hmlu Časť 16: Skúšobný protokol pre systémy s otvorenou hubicou určené pre priemyselné sporáky s olejom</b>	<b>STN EN 14972-16</b>  92 0440
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Fixed firefighting systems - Water mist systems - Part 16: Test protocol for industrial oil cookers for open nozzle systems

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/20

Obsahuje: EN 14972-16:2019

**130224**

EUROPEAN STANDARD

EN 14972-16

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2019

ICS 13.220.20

English Version

## Fixed firefighting systems - Water mist systems - Part 16: Test protocol for industrial oil cookers for open nozzle systems

Installations fixes de lutte contre l'incendie - Systèmes  
à brouillard d'eau - Partie 16 : Protocole d'essai des  
systèmes à buses ouvertes pour friteuses industrielles

Ortsfeste Brandbekämpfungsanlagen - Feinsprüh-  
Löschanlagen - Teil 16: Brandversuchsprotokoll für  
industrielle Großfrittieranlagen für Feinsprüh-  
Löschanlagen mit offenen Düsen

This European Standard was approved by CEN on 7 July 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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**EN 14972-16:2019 (E)**

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## European foreword

This document (EN 14972-16:2019) 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of an identical text or by endorsement, at the latest by February 2020, and conflicting national standards shall be withdrawn at the latest by February 2020.

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.

EN 14972, *Fixed firefighting systems — Water mist systems, consists of the following parts:*

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

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<sup>1</sup> Under development.

**EN 14972-16:2019 (E)**

- *Part 16: Test protocol for industrial oil cookers for open nozzle systems.*
- *Part 17: Test protocol for residential occupancies for automatic nozzle systems*

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, Turkey and the United Kingdom.

## 1 Scope

This document specifies fire testing requirements for water mist systems used for fire protection of industrial oil cookers. This does not include requirements for systems used for protection of other equipment such as exhaust air ducts, heaters, heat exchangers, and food processing and food preparation areas.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 14972-1:-<sup>2</sup>, *Fixed firefighting systems — Water mist systems — Design, installation, inspection and maintenance (in preparation)*

EN 60584-1:2013, *Thermocouples — Part 1: EMF specifications and tolerances (IEC 60584-1:2013)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>2</sup> Under preparation. Stage at the time of publication prEN 14972-1:2019.