



SLOVENSKI STANDARD
SIST EN 17446:2021/oprA1:2023
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Nadomešča:
SIST EN 17446:2021

Gasilni sistemi v profesionalnih kuhinjah - Načrtovanje sistema, dokumentacija in preskusne zahteve - Dopnilo A1

Fire extinguishing systems in commercial kitchens - System design, documentation, and test requirements

Brandbekämpfungsanlagen in Großküchen - Planung, Dokumentation und Prüfanforderungen

Systèmes d'extinction d'incendie dans les cuisines professionnelles - Conception du système, documentation et exigences d'essai

Ta slovenski standard je istoveten z: EN 17446:2021/prA1

ICS:

13.220.20	Požarna zaščita	Fire protection
97.040.99	Druga kuhinjska oprema	Other kitchen equipment

SIST EN 17446:2021/oprA1:2023 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 17446:2021
prA1

June 2023

ICS 13.220.20

English Version

Fire extinguishing systems in commercial kitchens - System design, documentation, and test requirements

Systèmes d'extinction d'incendie dans les cuisines
professionnelles - Conception du système,
documentation et exigences d'essai

Brandbekämpfungsanlagen in Großküchen - Planung,
Dokumentation und Prüfanforderungen

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 191.

This draft amendment A1, if approved, will modify the European Standard EN 17446:2021. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (EN 17446:2021/prA1:2023) has been prepared by Technical Committee CEN/TC 191 “Fixed firefighting systems”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

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EN 17446:2021/prA1:2023 (E)**1 Modifications to 7.2.1.3, “Cooking area limitations”**

In the list item a), replace “cannot” with “shall not” to read:

“a) in the case of a deep fat fryer the cooking area shall not exceed 0,55 m² in surface area. The 0,55 m² total surface cooking area requirement does not apply to tilt skillets;”

In the list item b), replace “can” with “may” to read:

“b) deep fat fryers with a surface cooking area greater than 0,55 m² may be protected when it has been demonstrated that the nozzles have been tested on the specific model of appliance.”

2 Modification to 7.3.1.3.1, “Extinguishing splash test”

Delete the final paragraph:

“When performing an extinguishing splash test on any of the previously mentioned hazards, the extinguishing system shall not cause splashing of oil or mixed agent and oil droplets in excess of 5 mm diameter further than 200 mm from the edge of the cooking appliance.”

3 Modification to 7.3.1.3.2, “Cooking temperature splash test”

Add as new last paragraph at the end of the current text to read:

“To detect splashing, place a flat metallic sheet at the top level of the deep fat fryer around the front and sides at least 760 mm wide around the cooking appliance and mark on the sheet a distance of 200 mm around the edge of the cooking appliance. On that sheet lay out a layer of sodium bicarbonate, no more than 1,6 mm deep.”

4 Modification to 7.3.3.1, 7.3.5.1 and 7.3.7.1, “Tested hazard”

Delete the final paragraph:

“To detect splashing, place a flat metallic sheet at the top level of the deep fat fryer around the front and sides at least 760 mm wide around the cooking appliance and mark on the sheet a distance of 200 mm around the edge of the cooking appliance. On that sheet lay out a layer of sodium bicarbonate, no more than 1,6 mm deep.”

5 Modification to 7.4.2.4, “Air extract duct”

In the list item a), replace “can” with “may” to read:

“a) it may be rectangular or circular depending on the system specifications and the use it is intended for;”

6 Modification to 7.5.1.3, “Requirements”

Replace reference “7.4.1.3” with “7.4.1.4” to read:

“When performing the test, the same requirements specified in 7.4.1.4 for full scale tests shall be complied with.”