

SLOVENSKI STANDARD
SIST EN 60332-1-1:2005/A1:2015
01-december-2015

Preskusi na električnih kabljih in kabljih iz optičnih vlaken v požarnih razmerah - 1-1. del: Preskus navpičnega širjenja ognja po posamezni izolirani žici ali kablu - Preskusna naprava - Dopolnilo A1

Tests on electric and optical fibre cables under fire conditions -- Part 1-1: Test for vertical flame propagation for a single insulated wire or cable - Apparatus

Prüfungen an Kabeln, isolierten Leitungen und Glasfaserkabeln im Brandfall -- Teil 1-1: Prüfung der vertikalen Flammenausbreitung an einer Ader, einer isolierten Leitung oder einem Kabel - Prüfgerät (standards.iteh.ai)

Essais des câbles électriques et à fibres optiques soumis au feu -- Partie 1-1: Essai de propagation verticale de la flamme sur un conducteur ou câble isolé - Appareillage d'essai

Ta slovenski standard je istoveten z: EN 60332-1-1:2004/A1:2015

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
29.060.20	Kabli	Cables
33.180.10	(Optična) vlakna in kabli	Fibres and cables

SIST EN 60332-1-1:2005/A1:2015 en

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[SIST EN 60332-1-1:2005/A1:2015](https://standards.iteh.ai/catalog/standards/sist/b2b581f3-ac99-4fb8-8a29-196791540d0a/sist-en-60332-1-1-2005-a1-2015)

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EUROPEAN STANDARD

EN 60332-1-1:2004/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2015

ICS 13.220.40; 29.020; 29.060.20

English Version

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Part 1-1: Test for vertical flame propagation for a single insulated
wire or cable - Apparatus
(IEC 60332-1-1:2004/A1:2015)

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flamme sur un conducteur ou câble isolé - Appareillage
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Glasfaserkabeln im Brandfall - Teil 1-1: Prüfung der
vertikalen Flammenausbreitung an einer Ader, einer
isolierten Leitung oder einem Kabel - Prüfgerät
(IEC 60332-1-1:2004/A1:2015)

This amendment A1 modifies the European Standard EN 60332-1-1:2004; it was approved by CENELEC on 2015-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC 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 Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 60332-1-1:2004/A1:2015**European foreword**

The text of document 20/1590/FDIS, future IEC 60332-1-1:2004/A1, prepared by IEC/TC 20 "Electric cables" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60332-1-1:2004/A1:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-06-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-09-01

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

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

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Endorsement notice

<https://standards.iteh.ai/catalog/standards/sist/b2b581f3-ac99-4fb8-8a29-196791540d0a/sist-en-60332-1-1-2005-a1-2015>

The text of the International Standard IEC 60332-1-1:2004/A1:2015 was approved by CENELEC as a European Standard without any modification.

In the Bibliography of EN 60332-1-1:2004, the following note has to be **added** for the standard indicated:

ISO 13943 NOTE Harmonized as EN ISO 13943.

In the Bibliography of EN 60332-1-1:2004, the following note has to be **deleted** for the standard indicated:

IEC 60695-2-4/0 NOTE Harmonized as EN 60695-2-4/0:1993 (not modified).



INTERNATIONAL STANDARD

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AMENDMENT 1
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Apparatus**

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**Essais des câbles électriques et à fibres optiques soumis au feu –
Partie 1-1: Essai de propagation verticale de la flamme sur conducteur ou câble
isolé – Appareillage d'essai**

INTERNATIONAL
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ICS 13.220.40; 29.020; 29.060.20

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FOREWORD

This amendment has been prepared by IEC technical committee 20: Electric cables.

The text of this amendment is based on the following documents:

FDIS	Report on voting
20/1590/FDIS	20/1597/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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3 Terms and definitions

[SIST EN 60332-1-1:2005/A1:2015](http://standards.iteh.ai/catalog/standards/sist-en-60332-1-1-2005-a1-2015)

Replace the existing source of item 3.1 by the following new source:

[SOURCE: ISO 13943:2008, 4.189]

4.1 Components

Replace the existing item a) by the following new item a):

- a) a metal enclosure (4.2);

4.2 Metallic screen

Replace the existing subclause by the following new subclause:

4.2 Metal enclosure

A metal enclosure (1 200 ± 25) mm high, (300 ± 25) mm wide and (450 ± 25) mm deep with open front and closed top and bottom, (see Figure 1), shall be used, in order to protect the test sample from draughts. It shall be constructed of rigid sheet metal.

4.3 Ignition source

Replace the existing subclause by the following new subclause:

The ignition source shall comply with IEC 60695-11-2, which includes a method of confirmation of the test flame, except that the laboratory fumehood/chamber shall comply with 4.4.

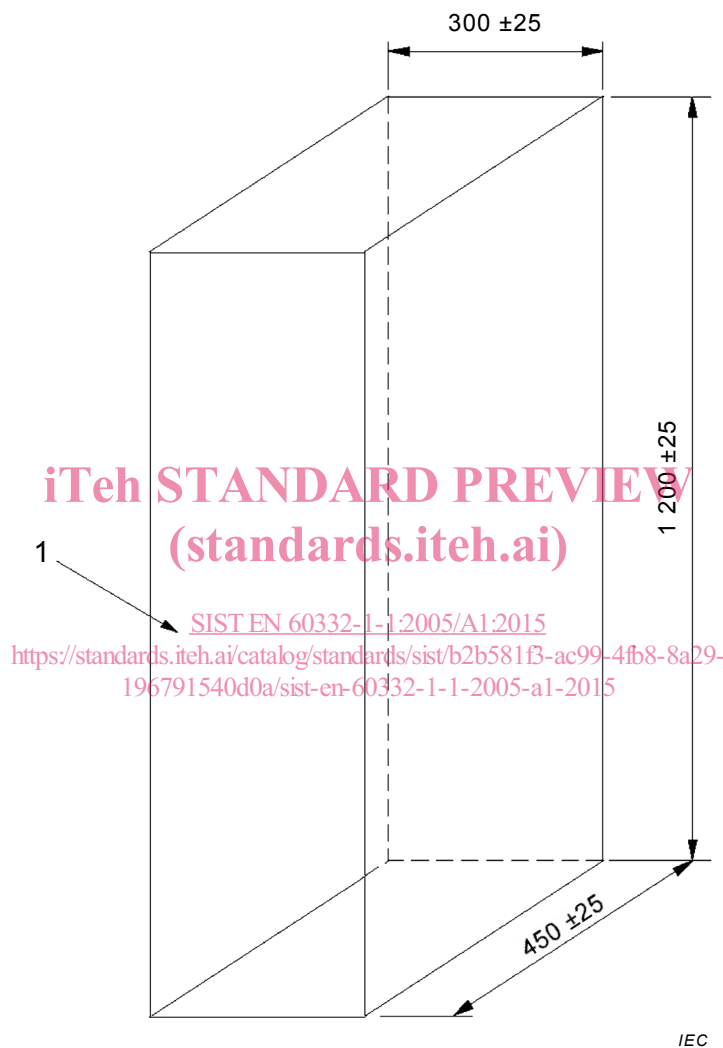
4.4 Chamber

In line 1 replace 'metallic screen' by 'metal enclosure'.

Figure 1 - Test apparatus – Metallic screen

Replace the existing Figure 1 including its title by the following new Figure 1 and title:

Dimensions in millimetres

**Key**

- 1 front open space (all other sides closed)

Figure 1 – Test apparatus – Metal enclosure**Bibliography**

Add the following new reference:

ISO 13943, *Fire safety – Vocabulary*

Delete the reference to IEC 60695-2-4/0 and its footnote.