

English Version

Fire hazard testing - Part 11-5: Test flames - Needle-flame test  
method - Apparatus, confirmatory test arrangement  
and guidance  
(IEC 60695-11-5:2016)

Essais relatifs aux risques du feu -  
Partie 11-5: Flammes d'essai - Méthode d'essai au brûleur-  
aiguille - Appareillage, dispositif d'essai de vérification et  
lignes directrices  
(IEC 60695-11-5:2016)

Prüfungen zur Beurteilung der Brandgefahr -  
Teil 11-5: Prüfflammen - Prüfverfahren mit der Nadelflamme  
- Versuchsaufbau, Vorkehrungen zur Bestätigungsprüfung  
und Leitfadens  
(IEC 60695-11-5:2016)

This European Standard was approved by CENELEC on 2017-01-10. CENELEC 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 CEN-CENELEC Management Centre or to any CENELEC member.

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 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

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## **European foreword**

The text of document 89/1346/FDIS, future edition 2 of IEC 60695-11-5, prepared by IEC/TC 89 "Fire hazard testing" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60695-11-5:2017.

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) 2017-12-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-06-16

This document supersedes EN 60695-11-5:2005.

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

## **Endorsement notice**

The text of the International Standard IEC 60695-11-5:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

ISO 9626:2016	NOTE	Harmonized as EN ISO 9626:2016 (not modified).
IEC 60384-1:2016	NOTE	Harmonized as EN 60384-1:2016 (not modified).

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-4	2012	Fire hazard testing - Part 4: Terminology concerning fire tests for electrotechnical products	EN 60695-4	2012
IEC Guide 104	-	The preparation of safety publications and - the use of basic safety publications and group safety publications	-	-
ISO/IEC Guide 51	-	Safety aspects - Guidelines for their inclusion in standards	-	-
ISO 291	-	Plastics - Standard atmospheres for conditioning and testing	EN ISO 291	-
ISO 4046-4	2016	Paper, board, pulps and related terms - Vocabulary - Part 4: Paper and board grades and converted products	-	-
ISO 13943	2008	Fire safety - Vocabulary	EN ISO 13943	2010
ASTM B187	-	Standard Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes	-	-