

SLOVENSKI STANDARD
SIST EN 60695-5-1:2001**01-september-2001**

Fire hazard testing - Part 5: Assessment of potential corrosion damage by fire effluent - Section 1: General guidance

Fire hazard testing -- Part 5: Assessment of potential corrosion damage by fire effluent -- Section 1: General guidance

Prüfungen zur Beurteilung der Brandgefahr -- Teil 5: Beurteilung der Gefahr der Beschädigung durch Korrosion infolge von Brandgasen -- Hauptabschnitt 1: Allgemeine Anleitung

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Essais relatifs aux risques du feu -- Partie 5: Evaluation des dommages potentiels de corrosion provoqués par les effluents du feu -- Section 1: Guide général

Ta slovenski standard je istoveten z: EN 60695-5-1:1993**ICS:**

| | | |
|-----------|--|--|
| 13.220.40 | Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju | Ignitability and burning behaviour of materials and products |
| 29.020 | Elektrotehnika na splošno | Electrical engineering in general |

SIST EN 60695-5-1:2001**en**

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UDC 621.3-1:620.19:614.84

Descriptors: Fire hazard testing, fire effluent, corrosion, risk of damage, electrotechnical equipment, structure

ENGLISH VERSION

Fire hazard testing
Part 5: Assessment of potential corrosion
damage by fire effluent
Section 1: General guidance
(IEC 695-5-1:1993)

Essais relatifs aux risques du feu
Partie 5: Evaluation des
dommages potentiels de corrosion
provoqués par les effluents du feu
Section 1: Guide général
(CEI 695-5-1:1993)

Prüfungen zur Beurteilung der
Brandgefahr
Teil 5: Beurteilung der Gefahr der
Beschädigung durch Korrosion
infolge von Brandgasen
Hauptabschnitt 1: Allgemeine Anleitung
(IEC 695-5-1:1993)

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This European Standard was approved by CENELEC on 1993-03-09.
CENELEC members are bound to comply with the 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 Central Secretariat 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 Central Secretariat
has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium,
Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg,
Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

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EN 60695-5-1:1993

FOREWORD

The text of document 89(CO)19, as prepared by IEC Technical Committee 89, Fire hazard testing, was submitted to the IEC-CENELEC parallel vote in November 1991.

The reference document was approved by CENELEC as EN 60695-5-1 on 9 March 1993.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1994-06-01
- latest date of withdrawal of
conflicting national standards (dow) 1994-06-01

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annexes A and B are informative and annex ZA is normative.

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ENDORSEMENT NOTICE

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The text of the International Standard IEC 695-5-1:1993 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

| IEC Publication ----- | Date ----- | Title ----- | EN/HD ----- | Date ----- |
|-----------------------------|---------------|---|----------------|---------------|
| 695-1-1 | 1982 | Fire hazard testing - Part 1: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electrotechnical products General guidance | - | - |
| 695-4 | 1989 | Part 4: Terminology concerning fire tests | - | - |

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
695-5-1

Première édition
First edition
1993-06

Essais relatifs aux risques du feu

Partie 5:

Evaluation des dommages potentiels de
corrosion provoqués par les effluents du feu –

Section 1: Guide général

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Fire hazard testing

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[a06b3eb5e1a/sist-en-60695-5-1-2001](https://standards.iteh.ai/catalog/standards/sist/2e2a32c5-ebbe-4b94-9b7f-a06b3eb5e1a/sist-en-60695-5-1-2001)

Part 5:

Assessment of potential corrosion damage
by fire effluent –

Section 1: General guidance

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIRE HAZARD TESTING

Part 5: Assessment of potential corrosion
 damage by fire effluent –
 Section 1: General guidance

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

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

| DIS | Report on Voting |
|----------|-----------------------|
| 89(CO)19 | 89(CO)27 89(CO)27A |

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

IEC 695 consists of the following parts, under the general title: Fire hazard testing:

695-1, *Part 1: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electrotechnical products.*

695-1-1: 1982, *General guidance.*

695-1-2: 1982, *Guidance for electronic components.*

695-1-3: 1986, *Guidance for use of preselection procedures.*

695-2, *Part 2: Test methods.*

695-2-1: 1980, *Glow-wire test and guidance.*

695-2-2: 1991, *Needle-flame test.*