

TECHNICAL SPECIFICATION



**Fire hazard testing –
Part 2-20: Glowing/hot wire based test methods – Hot-wire ignition (HWI) test
method – Apparatus, verification, test method and guidance**

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FIRE HAZARD TESTING –

**Part 2-20: Glowing/hot wire based test methods –
Hot-wire ignition (HWI) test method –
Apparatus, verification, test method and guidance**

FOREWORD

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IEC TS 60695-2-20 has been prepared by IEC technical committee 89: Fire hazard testing. It is a Technical Specification.

This fourth edition cancels and replaces the third edition published in 2021. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Removed all text which was related to drip or dripping, since in this 4th edition only ignition is taken into consideration for determination of the classification level;
- b) Title changed: "Hot wire coil test method" is now "Hot wire ignition (HWI) test method".

The text of this Technical Specification is based on the following documents:

Draft	Report on voting
89/1583/DTS	89/1593/RVDTS

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

The language used for the development of this Technical Specification is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

Part 2 of IEC 60695 consists of the following parts:

- Part 2-10: *Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure*
- Part 2-11: *Glowing/hot-wire based test methods – Glow-wire flammability test method for end products*
- Part 2-12: *Glowing/hot-wire based test methods – Glow-wire flammability index (GWFI) test method for materials*
- Part 2-13: *Glowing/hot-wire based test methods – Glow-wire ignition temperature (GWIT) test method for materials*
- Part 2-20: *Glowing/hot-wire based test methods – Hot-wire ignition test method – Apparatus, verification, test method and guidance*
- Part 2-21: *Glowing/hot-wire based test methods – Fire containment test on finished units*

A list of all parts in the IEC 60695 series, published under the general title *Fire hazard testing*, can be found on the IEC website.

NOTE The following print types are used:

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Future documents in this series will carry the new general title as cited above. Titles of existing documents in this series will be updated at the time of the next edition.

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