



JAPANESE
INDUSTRIAL
STANDARD

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JIS C 60695-1-3:1993

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JIS C 0065 : 1993

(IEC 695-1-3 : 1986)

**Fire hazard testing Part 1 :
Guidance for the preparation
of requirements and test
specifications for assessing
fire hazard of electrotechnical
products Guidance for use
preselection procedures**

ICS 19.040; 19.080

Descriptors : environmental testing; electrical and electronic testing

Reference number : JIS C 0065 : 1993 (E)



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C 0065 : 1993 (IEC 695-1-3 : 1986)

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

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In the event of any doubts arising as to the contents,
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Fire hazard testing

Part 1: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electrotechnical products

Guidance for use of preselection procedures

Foreword for Japanese Industrial Standard

This Japanese Industrial Standard has been prepared based on the 1st edition issued in 1986 of IEC 695-1-3 [Fire hazard testing, Part 1: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electrotechnical products Guidance for use of preselection procedures] without changing the technical contents.

Furthermore, the "Informative references" that are indicated by underline (dotted line) are not included in the original International Standard.

1. Introduction and scope

This standard should be read in conjunction with JIS C 0063 : 1993 Fire hazard testing, Part 1: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electrotechnical products General guidance.

Informative references: JIS C 0063-1993 is identical to IEC 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].

The best method for testing electrotechnical products with regard to fire hazard is to duplicate exactly the conditions occurring in practice. Where this is not practicable, fire hazard testing should be conducted by simulating as closely as possible the actual conditions of use of a product and of the situation to which a material, component or sub-assembly may be exposed in such use.

Preselection may be made on the basis of specified tests and by the use of specifications of the necessary resistance to fire and related combustion characteristics.

In this standard:

- the term "end-product test" means a fire hazard assessment test on a completed product. This may be a piece part, component, or sub-assembly;
- the term "preselection test" means a combustion characteristic test made on a material, piece part, component or sub-assembly that goes to make up a final end-product.