

SRI LANKA STANDARD 1007 : PART 1.1 : 2008
IEC 60332 : PART 1-1 : 2004

**METHODS OF TEST 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**

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard
METHODS OF TEST 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

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(Attached Amd No.1 (AMD 533))

Gr.G

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INSULATED WIRE OR CABLE – APPARATUS

NATIONAL FOREWORD

This standard was approved by the Sectoral Committee on Electric Cables and Conductors and was authorized for adoption and publication as a Sri Lanka Standard by the Council of Sri Lanka Standards Institution on 2008-08-28.

SLS 1007 Part 1.1 and **SLS 1007 Part 1.2** supersede **SLS 1007 Part 1 : 1993**.

SLS 1007 Methods of test for electric and optical cables under fire conditions, is published in five parts as follows:

- Part 1.1 Tests for vertical flame propagation for a single insulated wire or cable - Apparatus
- Part 1.2 Tests for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame
- Part 1.3 Tests for vertical flame propagation for a single insulated wire or cable - Procedure for determination of flaming droplets/particles.
- Part 2.1 Tests for vertical flame propagation for a single small insulated wire or cable - Apparatus
- Part 2.2 Tests for vertical flame propagation for a single small insulated wire or cable - Procedure for diffusion flame.

This part of the standard is identical with **IEC 60332-1-1 : 2004** : 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, published by the International Electrotechnical Commission (IEC).

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the results of a test or an analysis shall be rounded off in accordance with **CS 102**. The number of significant places to be retained in the rounded off value shall be the same as that of the specified value in the standard.

Terminology and conventions

The text of the International Standard has been accepted as suitable for publication without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards; attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to this standard they should be interpreted as “Sri Lanka Standard”.
- b) Wherever the page numbers are quoted they are page number of IEC standard.

CROSS REFERENCES

Corresponding Sri Lanka Standards for international standards listed under references, in IEC 60332-1-1, are not available.

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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**

**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**



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