SRI LANKA STANDARD 1007 : PART 1.3 : 2008
IEC 60332 : PART 1-3 : 2004

METHODS OF TEST ON ELECTRIC AND OPTICAL FIBRE CABLES UNDER FIRE CONDITIONS

PART 1.3 : TEST FOR VERTICAL FLAME PROPAGATION FOR A SINGLE INSULATED WIRE OR CABLE – PROCEDURE FOR DETERMINATION OF FLAMING DROPLETS / PARTICLES

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SRI LANKA STANDARDS INSTITUTION
No. 17, Victoria Place
Elvitigala Mawatha
Colombo 8
Sri Lanka.

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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 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 60332-1-3 : 2004 :** Tests on electric and optical fibre cables under fire conditions – Part 1-3 : Test for vertical flame propagation for a single insulated wire or cable – Procedure for determination of flaming droplets / particles, 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.

c) The Comma has been used throughout the standard as a decimal marker. In Sri Lanka Standards it is the current practice to use full point on the base line as the decimal marker

CROSS REFERENCES

International Standards	**Corresponding Sri Lanka Standards**
IEC 60332 : 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	SLS 1007 : 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

NOTE : *Corresponding Sri Lanka Standards for other international standards listed under references in IEC 60322-1-3, are not available.*

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Essais des câbles électriques et à fibres optiques soumis au feu –

Partie 1-3: Essai de propagation verticale de la flamme sur conducteur ou câble isolé – Procédure pour la détermination des particules/gouttelettes enflammées

Tests on electric and optical fibre cables under fire conditions –

Part 1-3: Test for vertical flame propagation for a single insulated wire or cable – Procedure for determination of flaming droplets/particles

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