

**SRI LANKA STANDARD 1007 : PART 2.2 : 2008**  
**IEC 60332 : PART 2-2 : 2004**

**METHODS OF TEST ON ELECTRIC AND  
OPTICAL FIBRE CABLES UNDER  
FIRE CONDITIONS**  
**PART 2.2 : TEST FOR VERTICAL FLAME PROPAGATION  
FOR A SINGLE SMALL INSULATED WIRE OR CABLE –  
PROCEDURE FOR DIFFUSION FLAME**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**METHODS OF TEST ON ELECTRIC AND OPTICAL FIBRE**  
**CABLES UNDER FIRE CONDITIONS**  
**PART 2.2 : TEST FOR VERTICAL FLAME PROPAGATION FOR A**  
**SINGLE SMALL INSULATED WIRE OR CABLE – PROCEDURE**  
**FOR DIFFUSION FLAME**

**SLS 1007 Part 2.2 : 2008**  
**IEC 60332 Part 2-2 : 2004**

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**Sri Lanka Standard**  
**METHODS OF TEST ON ELECTRIC AND OPTICAL FIBRE**  
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**DIFFUSION FLAME**

**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 2.1** and **SLS 1007 Part 2.2** supersede **SLS 1007 Part 2 : 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 60332-2-2 : 2004** Tests on electric and optical fibre cables under fire conditions – Part 2-2 : Test for vertical flame propagation for a single small insulated wire or cable – Procedure for diffusion flame, 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**

IEC 60332 : Tests on electric and optical fibre cables under fire conditions  
Part 2.1 : Test for vertical flame propagation for a single small insulated wire or cable – Apparatus

#### **Corresponding Sri Lanka Standards**

SLS 1007 : Tests on electric and optical fibre cables under fire conditions  
Part 2.1 : Test for vertical flame propagation for a single small insulated wire or cable – Apparatus

**NOTE** : *Corresponding Sri Lanka Standards for other international standards listed under references in IEC 60322-2-2, are not available.*

**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60332-2-2**

Première édition  
First edition  
2004-07

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PUBLICATION GROUPEE DE SÉCURITÉ  
GROUP SAFETY PUBLICATION

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

**Partie 2-2:**

**Essai de propagation verticale de la flamme  
sur conducteur ou câble isolé de petite section –  
Procédure pour une flamme de type à diffusion**

**Tests on electric and optical fibre cables  
under fire conditions –**

**Part 2-2:**

**Test for vertical flame propagation  
for a single small insulated wire or cable –  
Procedure for diffusion flame**



Numéro de référence  
Reference number  
CEI/IEC 60332-2-2:2004

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