


Test Report

Report No	243/7524657 Issue 3	This Report consists of 3 pages
Client	Energya Cables - Elsewedy Helal 8 Abdel Salam Zaki Street Korba Helipolis Cairo 11320 Egypt	
Authority & date	Quotation number BSI0000259114 dated 26 April 2010	
Items tested	1 sample of Electric Cable	
Specification	BS 6387:1994 clause 11.1, 11.2 & 11.3 only	
Results	The samples submitted complied with the requirements of the Specification For the tests which were requested "Issue 3 of this Report supersedes all previous issues. The amendment giving rise to this issue of the Report can be ascertained by contacting the authorizing signatory."	
Prepared by	D Hobson	Team Leader
Authorized by	D Hobson 	Team Leader
Issue Date	30 July 2010	
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of <i>PS082</i> 'General conditions relating to acceptance of testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the Managing Director, BSI Product Services, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.	

1) Introduction

This report relates to tests conducted on one sample of cable submitted by

Energya Cables - Elsewedy Helal, 8 Abdel Salam Zaki Street, Korba, Helipolis, Cairo, 11320, Egypt

This report applies only to the particular sample tested and to the specific tests carried out and detailed within the report. It does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of these or any related products.

2) Samples

The client submitted one sample of cable designated Energya as follows:-

- 1) 2x2.5 mm²

3) Testing

The sample submitted was subjected to the tests specified in BS 6387:1994

The client requested that the sample was tested to the following clauses:-

- 11.1 Resistance to fire alone (Category C)
- 11.2 Resistance to fire with water (Category W)
- 11.3 Resistance to fire with mechanical shock (Category Z)

4) Results

The results of the tests carried out are detailed in the following report

5) Conclusion

The samples submitted complied with the requirements of the Specification
For the tests which were requested

TESTING OF CABLE TO BS 6387:1994

2 core

Conductor size: 2.5 sq.mm

ASSESSMENT

11.1 Resistance to fire alone (Category C)

Test Category	Flame Temperature (°C)	Test Voltage (U ₀ /U)	Comment	Result
C	930	300/500V	no fuse shall be ruptured nor any lamp extinguished	PASS

11.2 Resistance to fire with water (Category W)

Test Category	Flame Temperature (°C)	Test Voltage (U ₀ /U)	Comment	Result
W	678	300/500V	no fuse shall be ruptured nor any lamp extinguished	PASS

11.3 Resistance to fire with mechanical shock (Category Z)

Test Category	Flame Temperature (°C)	Test Voltage (U ₀ /U)	Comment	Result
Z	955	300/500V	no fuse shall be ruptured nor any lamp extinguished	PASS