

Declaration of Test Results

BSI Product Services hereby declares that the item described below has been tested by BSI and complies with the requirements of BS 6387:1994 Resistance to fire with mechanical shock Category "Z"

The complete detail of the tests performed and the results are recorded in BSI Test Report No: 243/4770813 / 3 of 3 Dated: 21 October 2005

*Description of item tested: One sample of Electric Cable as follows;
Instrumentation cable 300/500V 10 pairs x 1.0 sqmm
(Individually screened pairs+overall screening)
CU / Silicon Rubber Insulated / LSHF inner sheathed /
Steelwire armoured / Overall LSHF sheathed cable*

Submitted by: MESC Specialized Cables
P O Box 585
Riyadh-11383
Kingdom of Saudi Arabia

Declaration authorised by:



Mr. Mick Gower

Title

Business Sector Manager Testing

Date

21 October 2005


Attention is drawn to the conditions upon which this declaration is issued, namely:

1. This declaration does not indicate provide or imply any measure of Approval, Certification, Supervision, Control or Surveillance by BSI to this or any related product.

2. This Declaration applied only to the particular sample tested and to the specific tests carried out as detailed in the Report referred to above.

3. The general and specific conditions of the BSI Product Services, PS082 apply in all respects. Copies of this leaflet are available on request.

Test Report

Report No	243/4770813 / 3 of 3	This Report consists of 3 pages
Client	MESC Specialized Cables P O Box 585 Riyadh - 11383 Kingdom of Saudi Arabia	
Authority & date	Client order dated 14 September 2005	
Items tested	1 sample of Instrumentation Cable	
Specification	BS 6387:1994, Resistance to Fire with mechanical shock Category "Z" test only	
Results	The sample submitted complied with the requirements of the Specification For the tests which were requested	
Prepared by	C Yogaratnam	
Authorized by	C Yogaratnam	 Technical Engineer
Issue Date	21 October 2005	
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 a sample of Instrumentation cable submitted by Middle East Specialized Cables, Kingdom of Saudi Arabia.

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 this or any related products.

2) Samples

The client submitted one sample of Instrumentation cable described as follows:-

Instrumentation cable 300/500V 10pairs x 1.0sqmm (Individually screened pairs+overall screening) CU / Silicon Rubber insulated/ LSHF inner sheathed/ Steel wire armoured/ Overall LSHF sheath cable.

3) Testing

The sample submitted was subjected to the tests specified in BS 6387:1994 Resistance to Fire with mechanical shock Category "Z", and was sub-contracted.
The client also stated that this cable was constructed generally in line with BS 5308:Part 1:1986

4) Results

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

5) Conclusion

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

RESISTANCE TO FIRE WITH MECHANICAL SHOCK TEST RESULT

Number of pairs : 10

Conductor size: 1.0 sq mm

BS 6387:1994 Clause 11.3: Resistance to Fire with mechanical shock

TEST CATEGORY	FLAME TEMPERATURE (°C)	TEST VOLTAGE (U ₀ /U)	COMMENTS	RESULTS
Z	937	300/500V	No fuses ruptured or lamps extinguished	PASS