

# Certificate of Test

*We hereby declare that the item described below  
has been tested by BSI and  
complies with the requirements of*

*UL 1277 Clauses 10.17 and 14*

*The full details of the tests and the results are given in  
our Report No: 243/000230 Dated: 18 December 1997*

## *Description of item tested:*

*One sample of Instrumentation cable designated TC 1P x 12 AWG*

## *Submitted by:*

*MESC  
P. O Box 60536  
Riyadh 11555  
Saudi Arabia*

## *Certificate authorised by:*



*B. Hall*

*Title*

*Senior Engineer*

*Date 18 DECEMBER 1997*

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


*1. The general and specific conditions of the BSI Product Testing House, Test Leaflet 1 apply in all respects. Copies of this leaflet are available on request.*

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

# Test Report



Report No	243/000230	This Report consists of 3 pages
Client	MESC PO Box 60536 Riyadh 11555 Kingdom of Saudi Arabia	
Authority & date	Clients order TE/97/1184 dated 19th September 1997	
Items tested	One sample of cable, designated TC 1P x 12AWG	
Specifications	UL 1277 Clauses 10.17 and 14	
Results	The sample submitted complied with the requirements of the Specification for those tests which were requested	
Prepared by	S. Macdonnell	
Authorized by		B. Hall
Issue Date	18 DECEMBER 1997	
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of <i>Test Leaflet 1</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 Director, BSI Product Testing, 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 electric cable submitted by Middle East Specialised Cables Co of Riyadh, 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 type TC 1P x 12 AWG instrumentation cable

### **3) Testing**

The sample submitted was subjected to the tests specified in UL 1277 Clause 10.17:- Tensile and elongation tests on aged and unaged samples, and oil resistance tests; and Section 14 : Cold bend test.

### **4) Results**

The results of the tests are detailed on page 3 of this Report

### **5) Conclusion**

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

**Tests to UL 1277**

Tests to table 10.17 - Physical properties of 90 C (194 F ) PVC Jacket

Tensile Strength (N/mm<sup>2</sup>)

Unaged	Aged at 121 C for 7 days	% Variation of Unaged Value	Oil aged at 75 C for 60 days	% Variation of Unaged Value
20.9	20.2	97	20.8	99.5

Assessment : Pass

Elongation (%)

Unaged	Aged at 121 C for 7 days	% Variation of Unaged Value	Oil aged at 75 C for 60 days	% Variation of Unaged Value
220	209	95	227	103

Assessment : Pass

Cold Bend Test at - 25 C

There was no damage to the samples after testing in accordance with clause 14 of UL 1277