

 Scientific And industrial Testing and Research Centre, Coimbatore-641006	Electrical Testing Laboratory	Code No.
	SERVICE REQUEST FORM	
	WINDING WIRES FOR SUBMERSIBLE MOTORS (as per IS -8783(part4/sec2)-1995)	

Description of sample

Name of the test sample	WINDING WIRES FOR SUBMERSIBLE MOTORS				
Make / Brand		Conductor Size / Overall Dia		Weight of the sample in kg	
Type of Insulation Material	Cross linked Polyethylene Insulated and Polymide Jacketed Wires	Color of Wire	natural	Length of the sample in m	
Required Length of conductor in m	min 50 (Approx)	Coil No		Identification No	

Test Requirements

Sl. No.	Name of the test	Test Requit	Sl. No.	Name of the test	Test Requit
1.	Visual Inspection Cl.No. 4.2,4.3		2.	Conductor Diameter Cl.No. IS 8783 Part 1, 5.3	
3.	Conductor Resistance Cl.No. IS 8783 Part 1, 6.0		4.	Overall diameter Cl.No. 4.4	
5.	Conductor Annealing (Elongation) Cl.No. IS 8783 Part 1, 6.0		6.	Thickness of insulation Cl.No. 4.1	
7.	Before Ageing Cl.No. IS 8783 Part 2, 4.0		8.	High Voltage Test (Water immersion test) Cl.No. 4.6	
9.	Ageing in air oven Cl.No. IS 8783 Part 2, 4.0		10.	Volume Resistivity a) At 27°C Cl.No. IS 8783 Part 2, 4.0	
11.	Water Absorption Cl.No. IS 8783 Part 2, 4.0			Volume Resistivity b) At 85°C Cl.No. IS 8783 Part 2, 4.0	
12.	Hot deformation Cl.No. IS 8783 Part 2, 4.0		13.	Shrinkage Cl.No. IS 8783 Part 2, 4.0	
14.	Heat shock test Cl.No. IS 8783 Part 2, 4.0				
Y- Required, NR – Not Required, ND – Not Described, Put Y or NR for test requirements.					

Note:

- 1) Kindly issue separate SRF Form for each sample
- 2) Marked with an # are Mandatory Fields

SLFEL207 / 01-01/ 01-20

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Name and Address of the Customer in Test Report	Ref Doc. Details :		
Name and Address of the Customer in Invoice	Contact Person:		
	Phone No.		
Sample Inward No.		Date	

For Si'Tarc	Customer
Date: Sign & Name	Date: Sign & Name