

## **Electrical Testing Laboratory**

## SERVICE REQUEST FORM

Code No.

FOR WINDING WIRES FOR SUBMERSIBLE MOTORS (as per IS -8783(part4/sec3)-1995)

## **Description of sample**

Nomenclature	WINDING WIRES FOR SUBMERSIBLE MOTORS					
Make / Brand		# Conductor Size / Overall Dia		Weight of the sample in kg		
Type of Insulation Material	Polyester and polypropylene	Color of Wire	Natural	Length of the sample in m		
Length of conductor in m	min 50 (Approx)	Coil No		Identification No		

## **Test Requirements**

SI. No.	Name of the test		. SI. No.	Name of the test	Test Requit	
1.	Visual Inspection CI.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 27⁰C Cl.No. IS 8783 Part 2, 4.0		
11.	Water Absorption Cl.No. IS 8783 Part 2, 4.0		10.	Volume Resistivity b) At 85⁰C 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, method of test IS 10810						

Note:

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

SLFEL208/01-00/01-20

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