

LIST OF TESTING EQUIPMENT

Sr	Name of Equipment	Range	Least Count
01.	Tensile strength Testing M/C	500 kgf/2504/100/4	1/0.5/0.2
02.	Dumb bell Cutting press & die etc.		
03.	High voltage Test set. AC.	5/10 KV	0.1 KV
04.	D.C. Break down tester	0-2 KV (DC)	0.1 KV
05.	Spark Tester	0-15 KV(DC)	0.5 KV
06.	Industrial Kelvin Double bridge set with Spot reflecting galvanometer And D.C. Source	11 Ohms (max.)	0.2 micro - ohm
07.	Million mego ohm meter	6 10 x 10 M – ohm	1 M ohm
08.	Thermal stability test Apparatus with accessories	0-250°C	0.1°C
09.	Universal Heating oven with Thermostatic Heat control	0-250°C	0.1°C
10.	Water Bath with thermo-static heat control	0-250°C	0.1°C
11.	Digital Balance	200 gms	0.1 mg
12.	Ageing Oven(Four in one) With Thermostatic control and Controlled air supply.	0-300°C	0.1°C
13.	Hot deformation test set With weight	-	-
14.	Conditioning Chamber	-15 to 50°C	1°C
15.	Microscope	15 cms	0.01 mm
16.	Deep Freezer with mandrels	-15°C to +50 ° C	1°C
17.	Cold impact & cold bend Test apparatus with required Mandrels of different diameters	Different diameters Mandrels	-
18.	Torsion Testing apparatus.		-
19.	Flammability test apparatus	600 mm in between clamps	--
20.	Magnifying glass	1:10	
21.	Chemicals & chemical apparatus	For testing of steel Wires & formed wires	-
22.	Vernier Calliper	0-150 mm.	0.02
23.	Micrometer	0-25 mm	0.01
24.	Micrometer	0-25 mm	0.001
25.	Megger	2500 V	----
26.	Stop Watch	15 min	1 second
27.	Oxygen Index & Temperature Index Test apparatus	As per ASTM 2863	----
28.	Smoke Density test apparatus	As per ASTM 2843	----
29.	Hcl Gas Emission test apparatus	As per IEC – 754–I	-----

30.	Flammability test apparatus	As per IEC – 383	
31.	Swedish Chemney test apparatus	As per SS-424-14-75—Class F3	----
32.	Flammability test apparatus	As per IEC-332-1	---
33.	Hot set test equipment	IS:7098 Part –I	1° C
34.	Water absorption test set	IS:7098 Part-I	----
35.	Physical balance	100 Grams	0.1mg
36.	Standard Resistance Box	0.0 01 ohms to 1000 ohms	0.001
37.	Standard Megohm Box	2 M ohms to 2 G. ohms	2 M. ohms
38.	3.5 Digit Multimeter with Multiplier 40 KV	DM-352	-