National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRODUCT EVALUATION LABORATORY, PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIMITED, UNIT-IV, 41/3, SILVER INDUSTRIAL ESTATE, PATALIA ROAD, BHIMPORE, DAMAN, DAMAN AND DIU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10437 **Page No** 1 of 3

Validity 23/03/2022 to 22/03/2024 **Last Amended on** 05/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	Cable & wires	Assessment of Halogen : Presence of Fluorine test	IS 17048
2	ELECTRICAL- CABLES & WIRES	Cable & Wires	Cold Bend test	IS 17048
3	ELECTRICAL- CABLES & WIRES	Cable & Wires	Insulation resistance test	IS 694
4	ELECTRICAL- CABLES & WIRES	Cables & Wires	% Elongation of insulation & sheath before ageing	IS 694
5	ELECTRICAL- CABLES & WIRES	Cables & WIres	Ageing in Air oven : % Elongation after ageing	IS 17048
6	ELECTRICAL- CABLES & WIRES	Cables & Wires	Ageing in Air Oven on Insulation & sheath: % Elongation after ageing	IS 694
7	ELECTRICAL- CABLES & WIRES	Cables & Wires	Ageing in Air Oven: Tensile Strength After Ageing	IS 17048
8	ELECTRICAL- CABLES & WIRES	Cables & Wires	Ageing in Air Oven: Tensile strength after ageing	IS 694
9	ELECTRICAL- CABLES & WIRES	Cables & Wires	Assessment of halogen : pH test	Annexure D of IS 17048
10	ELECTRICAL- CABLES & WIRES	Cables & Wires	Assessment of halogen : Conductivity test	Annexure D of IS 17048
11	ELECTRICAL- CABLES & WIRES	Cables & Wires	Assessment of halogen: Chlorine and bromine content expressed as content of HCL	Annexure D of IS 17048
12	ELECTRICAL- CABLES & WIRES	Cables & Wires	Cold Bend test	IS 694
13	ELECTRICAL- CABLES & WIRES	Cables & WIres	Cold Impact test	IS 17048
14	ELECTRICAL- CABLES & WIRES	Cables & Wires	Cold Impact test	IS 694
15	ELECTRICAL- CABLES & WIRES	Cables & Wires	Conductor Resistance Test	IS 17048
16	ELECTRICAL- CABLES & WIRES	Cables & Wires	Conductor Resistance Test	IS 694
17	ELECTRICAL- CABLES & WIRES	Cables & Wires	Elongation of Insulation & sheath	IS 17048

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18	ELECTRICAL- CABLES & WIRES	Cables & Wires	Flame Retardant Test	IS 17048
19	ELECTRICAL- CABLES & WIRES	Cables & WIres	Flammability Test	IS 17048
20	ELECTRICAL- CABLES & WIRES	Cables & Wires	Flammability test	IS 694
21	ELECTRICAL- CABLES & WIRES	Cables & Wires	Heat Shock Test on Insulation & Sheath	IS 694
22	ELECTRICAL- CABLES & WIRES	Cables & Wires	High Voltage Test AC & DC	IS 17048
23	ELECTRICAL- CABLES & WIRES	Cables & Wires	High Voltage Test AC & DC	IS 694
24	ELECTRICAL- CABLES & WIRES	Cables & Wires	Hot Deformation on Insulation & Sheath	IS 17048
25	ELECTRICAL- CABLES & WIRES	Cables & Wires	Hot Deformation test on Insulation & Sheath	IS 694
26	ELECTRICAL- CABLES & WIRES	Cables & Wires	Insulation Resistance Test	IS 17048
27	ELECTRICAL- CABLES & WIRES	Cables & Wires	Loss of mass test on Insulation & Sheath	IS 694
28	ELECTRICAL- CABLES & WIRES	Cables & Wires	Overall Dimension & Thickness of insulation & sheath	IS 17048
29	ELECTRICAL- CABLES & WIRES	Cables & wires	Overall Dimension & Thickness of insulation & sheath	IS 694
30	ELECTRICAL- CABLES & WIRES	Cables & Wires	Oxygen Index Test	IS 17048
31	ELECTRICAL- CABLES & WIRES	Cables & Wires	Oxygen Index test on insulation & sheath	IS 694
32	ELECTRICAL- CABLES & WIRES	Cables & Wires	Ozone Resistance Test	IS 17048
33	ELECTRICAL- CABLES & WIRES	Cables & Wires	Shrinkage Test on Insulation & sheath	IS 694
34	ELECTRICAL- CABLES & WIRES	Cables & Wires	Smoke density test	IS 13360 Part6/ Sec9: 2001
35	ELECTRICAL- CABLES & WIRES	Cables & Wires	Smoke density test	IS 17048
36	ELECTRICAL- CABLES & WIRES	Cables & Wires	Temperature Index test on Insulation & sheath	IS 694

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37	ELECTRICAL- CABLES & WIRES	Cables & Wires	Tensile Strength of Insulation & sheath	IS 17048
38	ELECTRICAL- CABLES & WIRES	Cables & Wires	Tensile strength of insulation & sheath before ageing	IS 694
39	ELECTRICAL- CABLES & WIRES	Cables & Wires	Test for Halogen acid gas evaluation	IS 694
40	ELECTRICAL- CABLES & WIRES	Cables & WIres	Test for Temperature Index	IS 17048
41	ELECTRICAL- CABLES & WIRES	Cables & Wires	Thermal Stability	IS 17048
42	ELECTRICAL- CABLES & WIRES	Cables & Wires	Thermal Stability Test on Insulation & Sheath	IS 694