National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : UNIVERSAL CABLES LIMITED, GOA, L-58 TO L-60, VERNA INDUSTRIAL ESTATE, VERNA, SOUTH GOA, GOA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9718 **Page No** 1 of 2

Validity 02/08/2021 to 01/08/2023 **Last Amended on** 16/08/2021

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	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Conductor Diameter & Overall Dimension	IS 8783 (Part4/Sec1)
2	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	High Voltage Test	Cl 4.5 of IS 8783 (Part 4/Sec 1)
3	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS	Water Absorption Test	IS: 10810 (Part 33)
4	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Ageing in Air Oven of Insulation & Sheath	IS: 10810 (Part 11)
5	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Conductor Diameter & Overall Dimension	IS 8783 (Part 3)
6	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Annealing Test (Conductor Elongation)	IS:10810 (Part 1)
7	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Conductor Resistance	IS:10810 Part 5
8	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Heat Shock Test	IS: 10810 (Part 14)
9	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	High Voltage Test	IS 10810 (Part 45)

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10	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Hot Deformation Test	IS:10810 (Part 15)
11	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Insulation Resistance Constant /Volume Resistivity	IS:10810 (Part 43)
12	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Shrinkage Test	IS 10810 (Part 12)
13	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Tensile Strength & Elongation at Break	IS: 10810 (Part 7)
14	ELECTRICAL- CABLES & WIRES	HR PVC INSULATED WINDING WIRES FOR SUBMERSIBLE MOTORS & POLYVINYL CHLORIDE INSULATED UNSHEATHED AND SHEATHED CABLES/CORDS WITH RIGID AND FLEXIBLE CONDUCTOR FOR RATED VOLTAGES UP TO AND INCLUDING 1100 V	Thickness of Insulation and Sheath	IS:10810 (Part 6)