

NABL ACCREDITED TESTING SCOPE IN ELECTRICAL DISCIPLINE

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
1	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Alloy Stranded Conductor	Electrical Resistance	IS 398 (Part-4), Cl. No. 12.4
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Conductors - Galvanized Steel Reinforced - 400 kV and above	Electrical Resistance	IS 398 (Part-5), Cl. No. 13.8
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Conductors Galvanized Steel Reinforced	Electrical Resistance	IS 398 (Part-2), Cl. No. 13.6
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Stranded Conductors	Electrical Resistance	IS 398 (Part-1), Cl. No. 12.5
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bolted Type Clamps, Compression Type Clamps	Electrical Resistance	IEC 61284, Cl. No. 13.4.5.1
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bolted type Clamps, Compression type Clamps	Electrical Resistance	IS 2486 (Part-1), Cl. No. 12.1.1 (a)
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bolted Type Clamps, Compression Type Clamps	Heat Cycle	IS 2486 (Part-1), Cl. No. 12.1.1 (b) & 12.1.2
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electrical Power Connectors	Electrical Resistance	IEC 61284, Cl. No. 13.4.5.1
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electrical power Connectors	Temperature Rise	IS 5561, Cl. No. 13
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid Span Compression Joints, Repair Sleeve	Heat Cycle	IS 2121 (Part-2), Cl. No. 6.6
11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Palm Connector, T Connector, CT/PT Connector, Expansion Connector, Junction Connector, Parallel Groove Clamp	Electrical Resistance	IS 5561, Cl. No. 12

NABL ACCREDITED TESTING SCOPE IN ELECTRICAL DISCIPLINE

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
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Preformed Armour Rod	Electrical Resistance	IS 2121 (Part-1), Cl. No. 7.5
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration Damper	Magnetic Losses	IS 9708, Cl. No. 7.12
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamp	Magnetic Losses	IEC 61284, Cl. No. 12