



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	1 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

Permanent Testing				
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	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Chromium	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Copper	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Iron	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Lead	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Magnesium	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Manganese	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Nickel	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Silicon	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Titanium	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Vanadium	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminum Alloys Ingots & Castings	Zinc	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium	ASTM E415
13	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon	ASTM E415
14	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium	ASTM E415
15	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Cobalt	ASTM E415
16	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper	ASTM E415



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	2 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
17	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese	ASTM E415
18	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum	ASTM E415
19	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel	ASTM E415
20	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus	ASTM E415
21	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon	ASTM E415
22	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur	ASTM E415
23	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Tin	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium	ASTM E415
25	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium	ASTM E415
26	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	IS 8811
27	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	IS 8811
28	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
29	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
30	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	IS 8811
31	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
32	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	3 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
33	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
34	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
35	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 8811
36	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
37	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
38	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	IS 8811
39	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	IS 8811
40	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
41	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
47	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
48	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	4 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
49	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
50	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Alloy Stranded Conductor	Electrical Resistance	IS 398 (Part-4), Cl. No. 12.4
51	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Conductors - Galvanized Steel Reinforced - 400 kV and above	Electrical Resistance	IS 398 (Part-5), Cl. No. 13.8
52	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Conductors Galvanized Steel Reinforced	Electrical Resistance	IS 398 (Part-2), Cl. No. 13.6
53	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum Stranded Conductors	Electrical Resistance	IS 398 (Part-1), Cl. No. 12.5
54	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bolted Type Clamps, Compression Type Clamps	Electrical Resistance	IEC 61284, Cl. No. 13.4.5.1
55	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Bolted type Clamps, Compression type Clamps	Electrical Resistance	IS 2486 (Part-1), Cl. No. 12.1.1 (a)
56	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
57	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electrical Power Connectors	Electrical Resistance	IEC 61284, Cl. No. 13.4.5.1



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	5 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electrical power Connectors	Temperature Rise	IS 5561, Cl. No. 13
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Mid Span Compression Joints, Repair Sleeve	Heat Cycle	IS 2121 (Part-2), Cl. No. 6.6
60	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
61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Preformed Armour Rod	Electrical Resistance	IS 2121 (Part-1), Cl. No. 7.5
62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stock Bridge Vibration Damper	Magnetic Losses	IS 9708, Cl. No. 7.12
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamp	Magnetic Losses	IEC 61284, Cl. No. 12
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for Conductors	Verification of Dimensions - Length	IS 2121 (Part-2), Cl. No. 6.3
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Verification of Dimensions	IS 2121 (Part-1), Cl. No. 7.3
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminium Stranded conductor	Diameter of Individual Aluminum and Galvanized Steel Wires	IS 398 (Part-1), Cl. No. 12.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	6 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
67	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Breaking Load	IS 398 (Part-2), Cl. No. 13.3
68	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Elongation	IS 398 (Part-2), Cl. No. 13.4.2
69	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Measurement of Diameter of Individual Aluminum and Galvanized Steel Wires	IS 398 (Part-2), Cl. No. 13.2
70	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Measurement of Lay Ratio	IS 398 (Part-2), Cl. No. 13.8
71	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Visual Examination (Freedom from defect)	IS 398 (Part-2), Cl. No. 7
72	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced	Wrapping	IS 398 (Part-2), Cl. No. 13.5
73	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltage, 400 kV and above	Surface Condition	IS 398, (Part-5), Cl. No. 13.10
74	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltage, 400 kV and above	Wrapping	IS 398 (Part-5), Cl. No. 13.7
75	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltages - 400 kV and above	Breaking Load - Steel Strand	IS 398 (Part-5), Cl. No. 13.5.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	7 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltages - 400 kV and above	Diameter of Individual Aluminum and Galvanized Steel Wires	IS 398 (Part-5), Cl. No. 13.3
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltages - 400 kV and above	Elongation	IS 398 (Part-5), Cl. No. 13.6.2
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltages - 400 kV and above	Measurement of Lay Ratio	IS 398 (Part-5), Cl. No. 13.4
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors Galvanized Steel Reinforced for Extra High Voltages - 400 kV and above	Visual Examination (Freedom from Defect)	IS 398 (Part-5), Cl. No. 13.2
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Conductors, Galvanized Steel Reinforced	Surface Condition	IS 398 (Part-2), Cl. No. 13.9
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products	Brinell Hardness	IS 1500 (Part-1)
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products	Rockwell Hardness	IS 1586 (Part-1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products	Rockwell Hardness	IS 1586 (Part-1), Cl. No. 7
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products, Copper Materials, Alloys & Products	Percentage Elongation	IS 1608 (Part-1)



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	8 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products, Copper Materials, Alloys & Products	Percentage Reduction of Area	IS 1608 (Part-1)
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products, Copper Materials, Alloys & Products	Tensile Strength	IS 1608 (Part-1)
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Materials, Alloys & Products, Ferrous Materials, Alloys & Products, Copper Materials, Alloys & Products	Yield Strength	IS 1608 (Part-1)
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Stranded Conductor	Visual Examination (Freedom from Defect)	IS 398 (Part-1), Cl. No. 6
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Stranded Conductors	Measurement of Lay Ratio	IS 398 (Part-1), Cl. No. 12.6
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Aluminum Stranded Conductors	Wrapping	IS 398 (Part-1), Cl. No. 12.4
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor and Earth wire Accessories for overhead Power lines: (1) Mid-span Joints and Repair Sleeves for Conductors (2) Preformed Armour Rod (3) Earth wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Verification of Dimensions - Diameter	IEC 61284, Cl. No. 8
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Conductor and Earth wire Accessories for overhead Power lines: (1) Mid-span Joints and Repair Sleeves for Conductors (2) Preformed Armour Rod (3) Earth wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Verification of Dimensions - Length	IEC 61284, Cl. No. 8



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	9 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
93	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Conductor and Earth wire Accessories for overhead Power lines: (1) Mid-span Joints and Repair Sleeves for Conductors (2) Preformed Armour Rod (3) Earth wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Visual Examination	IEC 61284, Cl. No. 7
94	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Earth Wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Slip Strength	IS 2121 (Part-3), Cl. No. 5.4
95	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Earth Wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Verification of Dimensions - Diameter	IS 2121 (Part-3), Cl. No. 5.2
96	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Earth Wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Verification of Dimensions - Length	IS 2121 (Part-3), Cl. No. 5.2
97	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Earth Wire (Suspension Clamp, Tension Clamp, Mid-span Joints, Copper Earth Bonds)	Visual Examination	IS 2121 (Part-3), Cl. No. 5.2
98	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Earth Wire Suspension Clamp, Tension Clamp, Mid-span Joints.	Mechanical Strength	IS 2121 (Part-3)
99	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, Alloys & Products	Brinell Hardness	IS 1500 (Part-1)
100	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Thickness of Zinc Coating	IS 1573, Cl. No. 4.2
101	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metal & Alloys	Galvanizing	IS 2633, Cl. No.4



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	10 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves	Failing Load	IS 2121 (Part-2), Cl. No. 6.4
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for Conductors	Verification of Dimensions - Length	IS 2121 (Part-2), Cl. No. 6.3
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for Conductors	Visual Examination	IS 2121 (Part-2), Cl. No. 6.2
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-Span Joints and Repair Sleeves for Conductors, Earth Wire Accessories	Failing Load	IEC 61284, Cl. No. 11.5
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Mid-span Joints and Repair Sleeves for Conductors, Earth Wire Accessories	Tensile Strength	IEC 61284, Cl. No. 11.5
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Midspan joint and repair sleeves for conductor	Verification of Dimension - Length	IS 2121 (Part-2), Cl. No. 6.3
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Tension Joints & Power Connectors	Verification of Dimensions - Diameter	IS 2121 (Part-4), Cl. No. 6.3
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Tension Joints & Power connectors	Verification of Dimensions - Diameter	IS 5561, Cl. No. 19
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Tension Joints & Power Connectors	Verification of Dimensions - Length	IS 2121 (Part-4), Cl. No. 6.3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	11 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
111	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints & Power Connectors	Verification of Dimensions - Length	IS 5561, Cl. No. 19
112	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non-Tension Joints & Power Connectors	Visual Examination	IS 2121 (Part-4), Cl. No. 6.2
113	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Bend	IS 2121 (Part-1), Cl. No. 7.10
114	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Resilience	IS 2121 (Part-1), Cl. No. 7.11
115	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Slip Strength	IS 2121 (Part-1), Cl. No. 7.7
116	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Tensile Strength	IS 2121 (Part-1), Cl. No. 7.4.1
117	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Verification of Dimensions - Length	IS 2121 (Part-1), Cl. No. 7.3
118	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Verification of Dimensions - Length	IS 2121 (Part-1), Cl. No. 7.3
119	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Preformed Armour Rod	Visual Examination	IS 2121 (Part-1), Cl. No. 7.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	12 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both Bolted & Crimping, Non-Tension Clamps & Joints	Verification of Dimensions - Diameter	IEC 61284, Cl. No. 8
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Damage & Failure Load	IEC 61284, Cl. No. 11.3 & 11.4.1, Method-B
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Damage & Failure Load	IEC 61284, Cl. No. 11.3 & 11.4.1, Method-B
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Mechanical Strength	IS 2486 (Part-1), Cl. No. 11.2
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Mechanical Strength	IS 2486 (Part-1), Cl. No. 11.2
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Slip Strength	IEC 61284, Cl. No. 11.4.2
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Slip Strength	IEC 61284, Cl. No. 11.5
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Slip Strength	IS 2486 (Part-1), Cl. No. 11.1.1
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Slip Strength	IS 2486 (Part-1), Cl. No. 11.1.2 & 3



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	13 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
129	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Verification of Dimensions - Diameter	IS 2486 (Part-1), Cl. No. 8
130	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Verification of Dimensions - Length	IS 2486 (Part-1), Cl. No. 8
131	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Visual Examination	IEC 61284, Cl. No. 7
132	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Transmission Line Equipment and Accessories such as Insulator Fittings, Suspension Clamps, Tension Clamps both-Bolted & Crimping, Non-Tension Clamps & Joints	Visual Examination	IS 2486 (Part-1), Cl. No. 5
133	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Clamp Bolt Torque	IEC 61897, Cl. No. 7.7
134	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Clamp Bolt Torque	IS 9708, Cl. No. 7.10
135	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Galvanizing (Uniformity of Zinc Coating)	IS 9708, Cl. No.7.7
136	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Mass Pull-off	IEC 61897, Cl. No. 7.8
137	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Mass Pull-off	IS 9708, Cl. No. 7.6
138	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Verification of Dimension - Diameter	IS 9708, Cl. No. 7.3
139	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Verification of Dimension - Length	IEC 61897, Cl. No. 7.2
140	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Verification of Dimension - Length	IS 9708, Cl. No. 7.3
141	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Verification of Dimensions - Diameter	IEC 61897, Cl. No. 7.2



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	RAMELEX TESTING AND RESEARCH INSTITUTE, S. NO. 81/4A, P. NO. 1759, DANGAT INDUSTRIAL ESTATE, NDA ROAD, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15780	Page No	14 of 14
Validity	28/03/2025 to 27/03/2029	Last Amended on	-

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
142	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Visual Examination	IEC 61897, Cl. No. 7.1
143	MECHANICAL- NOISE & VIBRATION	Vibration Damper	Visual Examination	IS 9708, Cl. No. 7.2