



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

TISCON TESTING AND RESEARCH INSTITUTE PVT. LTD., GAT NO.115, JYOTIBA NAGAR,  
TALAWADE, PIMPRI CHINCHWAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

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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 Testing				
1	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	BS 3288 Part 1
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 2121 Part 1
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	BS 215-1
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	BS 215-2
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IEC 62641
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IEC 63248
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 12776
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Breaking Load / Tensile Strength	IS 398 Part 4
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Breaking Load / Tensile Strength	IS 398 Part 6
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 4



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11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 6
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Elongation	IS 398 Part 4
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Elongation	IS 398 Part 6
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Measurement of Diameter	IS 398 Part 4
15	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Measurement of Diameter	IS 398 Part 6
16	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Wrapping test	IS 398 Part 4
17	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAAC/AL59/ACS)	Wrapping test	IS 398 Part 6
18	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAC)	Breaking Load / Tensile Strength	IS 398 Part 1
19	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAC)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 1
20	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAC)	Elongation	IS 398 Part 1
21	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAC)	Measurement of Diameter	IS 398 Part 1



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22	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (AAC)	Wrapping test	IS 398 Part 1
23	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Elongation	IS 398 Part 2
24	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Breaking Load / Tensile Strength	IS 398 Part 2
25	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Breaking Load / Tensile Strength	IS 398 Part 3
26	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Breaking Load / Tensile Strength	IS 398 Part 5
27	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 2
28	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 3
29	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	DC Resistance / Resistivity test (100 mm, 1000 mm & 5000 mm)	IS 398 Part 5
30	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Elongation	IS 398 Part 3
31	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Elongation	IS 398 Part 5
32	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Measurement of Diameter	IS 398 Part 2





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33	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Measurement of Diameter	IS 398 Part 3
34	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Measurement of Diameter	IS 398 Part 5
35	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Wrapping test	IS 398 Part 2
36	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Wrapping test	IS 398 Part 3
37	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR /ACCC/ ACSS/ACS/STACIR)	Wrapping test	IS 398 Part 5
38	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	BS 215-1
39	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	BS 215-2
40	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	BS EN 50182
41	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	BS EN 50540
42	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IEC 61089
43	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IEC 62219



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44	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IEEE 1138
45	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 12776
46	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 1
47	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 2
48	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 3
49	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 4
50	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 5
51	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Lay Ratio	IS 398 Part 6
52	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/ Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test on Anchoring clamps	NF C 33-041
53	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/ Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Shear Head function test and bolt tightening test	BS EN 50483-4
54	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/ Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Shear Head function test and bolt tightening test	(Withdrawn) NF C 33-020



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55	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/ Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Shear Head function test and bolt tightening test	NF C 33-020
56	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Branch cable pull out test	(Withdrawn) NF C 33-020
57	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Branch cable pull out test	BS EN 50483-4
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Branch cable pull out test	NF C 33-020
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Breaking Load test	BS EN 50483-2
60	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Clamp bolt Tightening test	BS EN 50483-2
61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Clamp bolt Tightening test	BS EN 50483-3
62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Connector bolt tightening test	BS EN 50483-4
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Crimpability test	NF C 33-021
64	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	(Withdrawn) NF C 33-020
65	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	BS EN 50483-2





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66	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	BS EN 50483-4
67	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	NF C 33-020
68	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	NF C 33-040
69	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Dielectric voltage test/ Voltage test	NF C 33-041
70	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Electrical ageing test	(Withdrawn) NF C 33-020
71	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Electrical ageing test	BS EN 50483-5
72	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Electrical ageing test	NF C 33-004
73	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Electrical ageing test	NF C 33-020
74	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Electrical ageing test	NF C 33-021
75	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Endurance test under mechanical and thermal stresses	NF C 33-021
76	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Endurance test under mechanical and thermal stresses	NF C 33-041



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77	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Slip test at ambient temp.	BS EN 50483-2
78	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Slip test at ambient temp.	BS EN 50483-3
79	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Slip test at ambient temp.	NF C 33-040
80	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Slip test at High Temp.	BS EN 50483-2
81	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Slip test at High Temp.	BS EN 50483-3
82	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test	BS EN 50483-3
83	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test	NF C 33-021
84	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test at Ambient Temp.	BS EN 50483-2
85	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test at Ambient Temp.	BS EN 50483-3
86	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test at High Temp.	BS EN 50483-2
87	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test at High Temp.	BS EN 50483-3





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88	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test on Brackets	NF C 33-040
89	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test on Brackets	NF C 33-041
90	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Tensile test on Sub assemblies	NF C 33-040
91	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Test for mechanical damage to the main conductor	BS EN 50483-4
92	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Test for mechanical damage to the main conductor	(Withdrawn) NF C 33-020
93	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Test for mechanical damage to the main conductor	NF C 33-020
94	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Thermal test	BS EN 50483-2
95	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Water tightness test	BS EN 50483-4
96	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Water tightness test	(Withdrawn) NF C 33-020
97	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, MJPT Suspension clamp etc)	Water tightness test	NF C 33-020
98	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	AB Cable accessories/Neutral Conductor accessories (IPC, Anchoring clamp, Ties, Suspension clamp etc)	Test for permanent marking	BS EN 50483-1



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99	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Bend Test	IS 2121 Part 1
100	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Resilient Test	BS 3288 Part 1
101	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Resilient Test	IS 10162
102	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Resilient Test	IS 2121 Part 1
103	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Tensile Strength test	IEC 61284
104	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Tensile Strength test	IS 2121 Part 1
105	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Visual Examination & Verification of Dimensions	IS 2121 Part 1
106	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel/Suspension clamp (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Slip Strength test	IEC 61284
107	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel/Suspension clamp (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Slip Strength test	IS 2121 Part 1
108	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel/Suspension clamp (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Wrapping test	IEC 61284
109	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel/Suspension clamp (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/OPGW/ADSS/ GS & ACS Earthwire)	Wrapping test	IS 2121 Part 1



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110	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Bolt torque test	ANSI C 119.0
111	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Bolt torque test	ANSI C119.4
112	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Pull out test	ANSI C 119.0
113	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Pull out test	ANSI C119.4
114	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Run Conductor damage test	ANSI C 119.0
115	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Run Conductor damage test	ANSI C119.4
116	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Tensile strength test	ANSI C 119.0
117	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Tensile strength test	ANSI C119.4
118	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Branch cable pull out test	BS EN 50397-2
119	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Clamp bolt tightening test	BS EN 50397-2
120	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Damage & Failure Load test	BS EN 50397-2





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121	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Damage to the main conductor test	BS EN 50397-2
122	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Dimensional Checks	BS EN 50397-2
123	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Electrical ageing test	BS EN 50397-2
124	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Galvanising test	BS EN 50397-2
125	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Lift load and side load test for suspension clamp at ambient temperature	BS EN 50397-2
126	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Low temperature assembly test	BS EN 50397-2
127	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Permanent marking test	BS EN 50397-2
128	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Shear head function test	BS EN 50397-2
129	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Slip strength test/Tensile test at ambient temperature	BS EN 50397-2
130	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Slip strength test/Tensile test at high temperature	BS EN 50397-2
131	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Thermal test on helical fittings	BS EN 50397-2



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132	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Visual Examination	BS EN 50397-2
133	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered Conductor accessories	Water tightness test	BS EN 50397-2
134	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered conductors	Rated Tensile strength	BS EN 50397-1
135	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Covered conductors	Slippage test	BS EN 50397-1
136	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	DC Resistance	IS 5561
137	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Dimensional checks	IS 5561
138	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Pull out strength test	ANSI/NEMA CC 1
139	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Pull out strength test	IS 5561
140	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Temperature Rise	ANSI/NEMA CC 1
141	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Temperature Rise	IS 5561
142	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector	Visual Examination	IS 5561



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143	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector/ BPI Connector	Cantilever strength test	ANSI/NEMA CC 1
144	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector/ BPI Connector	Cantilever strength test	IS 5561
145	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector/ BPI Connector	Torque strength Test	ANSI/NEMA CC 1
146	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Electric Power Connector/ BPI Connector	Torque strength Test	IS 5561
147	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Ferrous material & various products, Individual Strands of the Stranded Conductor. (ACSR/ACSS/ACS/STACIR/GS Earth Wire), Hardware fittings etc	Uniformity of Zinc Coating	BS EN ISO 1461
148	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Ferrous material & various products, Individual Strands of the Stranded Conductor. (ACSR/ACSS/ACS/STACIR/GS Earth Wire), Hardware fittings etc	Uniformity of Zinc Coating	IS 2633
149	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	BS 215-1
150	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	BS 215-2
151	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	BS EN 50182
152	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	BS EN 50189
153	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	BS EN 50540





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154	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	IEC 61089
155	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	IEC 62219
156	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	IEC 62641
157	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	IEC 63248
158	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Breaking Load / Tensile Strength	IS 12776
159	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	BS 215-1
160	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	BS 215-2
161	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	BS EN 50182
162	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	BS EN 50189
163	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	BS EN 50540
164	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	IEC 61089



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165	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	IEC 62219
166	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	IEC 62641
167	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	IEC 63248
168	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Elongation	IS 12776
169	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Mass of Zn coating	IS 6745
170	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Mass of Zn coating	ISO 1460
171	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	BS 215-1
172	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	BS 215-2
173	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	BS EN 50182
174	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	BS EN 50189
175	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	BS EN 50540



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176	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	IEC 61089
177	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	IEC 62219
178	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	IEC 62641
179	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	IEC 63248
180	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Measurement of Diameter	IS 12776
181	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Uniformity of Zinc Coating	BS EN 50189
182	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Uniformity of Zinc Coating	BS EN ISO 1461
183	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Uniformity of Zinc Coating	IS 2633
184	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	BS 215-1
185	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	BS 215-2
186	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	BS EN 50182





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187	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	BS EN 50189
188	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	BS EN 50540
189	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	IEC 61089
190	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	IEC 62219
191	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	IEC 62641
192	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	IEC 63248
193	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual wires of stranded conductor & earth wire (ACSR/AAAC/AAC/ ACCC/ ACSS/AL59/ACS/STACIR/ GS Earth Wire)	Wrapping test	IS 12776
194	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	BS 3288 Part 1
195	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IEC 61284



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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
196	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IS 2121 Part 4
197	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IS 2486 Part 1
198	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	BS 3288 Part 1
199	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IEC 61284
200	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2121 Part 1
201	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2121 Part 2
202	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2121 Part 3



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203	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2121 Part 4
204	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2486 Part 1
205	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Dimensional Verification	IS 2486 Part 2
206	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Proof load test	IEC 61284
207	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load	IEC 61284
208	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load	IS 2121 Part 2
209	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load	IS 2121 Part 4





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210	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load	IS 2486 Part 1
211	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	BS 3288 Part 1
212	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IEC 61284
213	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2121 Part 1
214	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2121 Part 2
215	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2121 Part 3
216	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2121 Part 4



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217	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2486 Part 1
218	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings and Earthwire fittings/ Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ 4R-Vibration Damper Suitable for (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2486 Part 2
219	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints & Metal Fittings)	Coating thickness	BS EN ISO 1461
220	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints & Metal Fittings)	Coating thickness	IS 3203
221	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints & Metal Fittings)	Coating thickness	ISO 2178
222	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	ANSI C 119.0
223	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	ANSI C119.4
224	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	BS 3288 Part 1
225	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	IEC 61284





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226	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	IS 2121 Part 2
227	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	IS 2121 Part 4
228	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS)	Heat Cycle test/Heating cycle test/ Current Cycle test / Endurance Test	IS 2486 Part 1
229	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Damage and failure load test/Mechanical Strength Tests	BS EN 50483-3
230	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Dimensional Verification	BS EN 50483-3
231	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	BS 3288 Part 1
232	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	IEC 61284
233	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	IS 2121 Part 2
234	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	IS 2121 Part 3





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235	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	IS 2121 Part 4
236	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Electrical Resistance	IS 2486 Part 1
237	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Heat Cycle test/Endurance Test/Electrical aging test	BS EN 50483-3
238	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Heat Cycle test/Endurance Test/Electrical aging test	BS EN 50483-4
239	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Heat Cycle test/Endurance Test/Electrical aging test	BS EN 50483-5
240	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	BS 3288 Part 1
241	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	IEC 61284
242	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	IS 2121 Part 2
243	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	IS 2121 Part 3



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244	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	IS 2121 Part 4
245	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	IS 2486 Part 1
246	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Tensile Test/ Failing Load/ Mechanical strength test	PGCIL Technical specification SECTION-VII A, Rev 2
247	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints suitable for ACSR/ AAAC/AAC/ AL59/HTLS/Covered conductor)	Visual Examination	BS EN 50483-3
248	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories - Electroplated components (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints & Metal Fittings)	Adhesion test	BS 1872
249	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Metal fittings of insulators for overhead power lines, Conductor and earth wire accessories - Electroplated components (Tension Clamp/Anchor clamps / Jumper connections / Suspension clamp/ Non tension/Partial tension joints & Metal Fittings)	Coating thickness test	BS 1872
250	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Current cycle test	UL 486 A & B
251	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Heat Cycling test	IEC 61238-1-1
252	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Heat Cycling test	IEC 61238-1-2





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253	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Heat Cycling test	IEC 61238-1-3
254	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Mechanical test	IEC 61238-1-1
255	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Mechanical test	IEC 61238-1-2
256	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Power Connectors, Joints, Connectors	Mechanical test	IEC 61238-1-3
257	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	BS 215-1
258	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	BS 215-2
259	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IEEE 1138
260	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 12776
261	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 1
262	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 2
263	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 3





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264	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 4
265	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 5
266	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	DC Resistance (100 mm, 1000 mm & 5000 mm)	IS 398 Part 6
267	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	BS 215-1
268	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	BS 215-2
269	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	BS EN 50182
270	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	BS EN 50189
271	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	BS EN 50540
272	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	IEC 61089
273	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	IEC 62219
274	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	IEC 62641



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275	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Joints in Wires	IEC 63248
276	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	BS 215-1
277	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	BS 215-2
278	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	BS EN 50182
279	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	BS EN 50540
280	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IEC 61089
281	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IEC 62219
282	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IEEE 1138
283	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 12776
284	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 1
285	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 2



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286	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 3
287	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 4
288	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 5
289	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Lay direction	IS 398 Part 6
290	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Long Term Creep	BS EN 61395
291	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Long Term Creep	IEC 61395
292	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Long Term Creep	IEEE 1138
293	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Mass per Unit Length	BS EN 50182
294	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Mass per Unit Length	BS EN 50540
295	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Mass per Unit Length	IEC 61089
296	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Mass per Unit Length	IEC 62219





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297	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Diameter	BS EN 50540
298	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Diameter	IEC 61089
299	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Measurement of Diameter	IEC 62219
300	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	BS EN 50182
301	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	BS EN 50540
302	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	IEC 61089
303	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	IEC 62219
304	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	IEEE 1138
305	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	IS 398 Part 2
306	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Stress Strain	IS 398 Part 6
307	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Surface Condition	IS 12776



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308	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Surface Condition	IS 398 Part 2
309	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Surface Condition	IS 398 Part 5
310	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Torsion Test	IEC 60794-1-2
311	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	ASTM B399/B399M
312	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	BS EN 50182
313	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	BS EN 50540
314	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEC 61089
315	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEC 62219
316	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEEE 1138
317	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 12776
318	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 398 Part 2



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319	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 398 Part 5
320	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 398 Part 6
321	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	BS EN 50182
322	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	BS EN 50540
323	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	BS EN 61089
324	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	IEC 61089
325	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	IEC 62219
326	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	IS 398 Part 5
327	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	stranded conductor & earth wire (ACSR / AAAC/ AAC/ ACCC/ACSS/AL59/ACS/ STACIR/ OPGW/GS Earth Wire)	Visual Examination	IS 398 Part 6
328	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Clamp Bolt Torque test / Clamp bolt Tightening test	BS 3288 Part 1
329	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Clamp Bolt Torque test / Clamp bolt Tightening test	IEC 61284





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330	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Clamp Bolt Torque test / Clamp bolt Tightening test	IS 2486 Part 1
331	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	BS 3288 Part 1
332	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61284
333	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2121 Part 1
334	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2121 Part 3
335	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2486 Part 1
336	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Attachment of clamp to messenger cable test	IEC 61897
337	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Attachment of Weights to messenger cable/Mass Pull off test	IEC 61897
338	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Attachment of Weights to messenger cable/Mass Pull off test	IS 9708
339	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp Bolt Torque test / Assembly torque test	IEC 61854
340	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp Bolt Torque test / Assembly torque test	IEC 61897



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

TISCON TESTING AND RESEARCH INSTITUTE PVT. LTD., GAT NO.115, JYOTIBA NAGAR,  
TALAWADE, PIMPRI CHINCHWAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-8827

**Page No**

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**Validity**

10/04/2024 to 09/04/2026

**Last Amended on**

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341	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp Bolt Torque test / Assembly torque test	IS 10162
342	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp Bolt Torque test / Assembly torque test	IS 9708
343	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp slip test	IEC 61854
344	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp slip test	IEC 61897
345	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp slip test	IS 10162
346	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Clamp slip test	IS 9708
347	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Verification of dimensions	IEC 61854
348	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Verification of dimensions	IEC 61897
349	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Verification of dimensions	IS 10162
350	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Verification of dimensions	IS 9708
351	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IEC 61854



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352	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IEC 61897
353	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 10162
354	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 9708
355	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper, Suspension clamp (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Magnetic Power loss test	IEC 61284
356	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper, Suspension clamp (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Magnetic Power loss test	IS 10162
357	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper, Suspension clamp (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Magnetic Power loss test	IS 9708
358	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Vibration Damper/Spacer Damper, Suspension clamp (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Magnetic Power loss test	PGCIL Technical specification SECTION-VII A, Rev 2