National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	TAG CORPORATION, 91 THIRUNEERMALAI ROAD CHROMPET, CHENNAI, KANCHIPURAM, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
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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 Facility				
1	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
2	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	IS 731
3	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	RIV Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
4	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/ OPGW/ADSS/ GS Earthwire/ACS Earthwire)	DC Resistance Test	IS 2121 (Part 1)
5	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/ OPGW/ADSS/ GS Earthwire/ACS Earthwire)	DC Resistance Test	BS 3288 (part 1)
6	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/ OPGW/ADSS/ GS Earthwire/ACS Earthwire)	DC Resistance Test	IEC 1232
7	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/ OPGW/ADSS/ GS Earthwire/ACS Earthwire)	DC Resistance Test	IS 2121 (part 2)
8	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Armour Rod/ Aluminum Clad Steel (ACSR / AAAC/ AAC/ AL59/ ACS/HTLS/ OPGW/ADSS/ GS Earthwire/ACS Earthwire)	DC Resistance Test	IS 2121 (Part 3)
9	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Assembled core load- time test	IEC 61109
10	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Dry power frequency voltage test	IEC 62217

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11	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Dye penetration test	IEC 61109
12	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Steep-front impulse voltage	IEC 62217
13	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Sudden load release test	IEC 61109
14	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Thermal Mechanical Test	IEC 61109
15	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Thermal Mechanical Test	IEC 61109
16	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of Locking system	IEC 60383-1
17	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Verification of Locking system	IEC 61109
18	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Water Immersion test	IEC 62217
19	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Damage limit proof test and test of tightness of the interface between end fittings & insulator housing a) Visual examination b) Verification of dimensions c) Mechanical routine test d) Performance of the test	IEC 61109
20	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Sudden load release test	IEC 61109

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21	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1000 V	Water Immersion test	IEC 62217
22	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IEC 60889
23	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IS 12776
24	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IS 398 (Part 1)
25	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IS 398 (part 2)
26	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IS 398 (part 4)
27	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IS 398 (Part 5)
28	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	DC Resistance Test	IEC 1232
29	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Measurement of DC Resistance	BS EN 50183
30	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	IEC 61284

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31	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	RIV test	IEC 61284
32	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	IS 2121 (part 1)
33	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	IS 2121 (part 2)
34	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Corona Test	IS 9708
35	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	RIV test	IEC 60437
36	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings / Suspension clamps/ Tension Joints and Tension clamps/ Partial tension Fittings/ Insulator Protective fittings/Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper Armour Rod/ Aluminum Clad Steel (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	RIV test	IS 8263
37	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Insulator set fittings(ACSR / AAAC/AAC/ AL59/ ACS/HTLS)	Voltage Distribution Test	PGCIL Standard Specification Section VI A(Volume II) - Rev 2
38	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Brittle Fracture test	PGCIL Specification Annexure A Section VIII (Volume II)
39	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Density and Specific gravity (Relative Density)	ASTM D792

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40	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Dye Penetration Test	IEC 62217
41	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Elongation Test	ASTM D412
42	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Hardness (Barcol)	ASTM D2583
43	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Hardness (Shore A)	ASTM D 2240
44	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Ignition loss of cured reinforced resin (Fiber Glass content)	ASTM D2584
45	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Recovery of hydrophobicity	IEC TS 62073
46	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Recovery of hydrophobicity	PGCIL specification Section VIII(VolumeII)
47	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Resistance to Tracking and erosion test	IEC 60587
48	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Tear Strength	ASTM D 624
49	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Tensile strength	ASTM D412
50	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	water absorption test	ASTM D570

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51	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Water diffusion test	IEC 61109
52	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Solid Insulating material	Water diffusion Test	IEC 62217
53	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacer Damper/ Flexible Spacer (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Electrical Resistance Test	IEC 61854
54	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacer Damper/ Flexible Spacer (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Electrical Resistance Test	IEC 61854
55	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Spacer Damper/ Flexible Spacer (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Electrical Resistance Test	IEC 61854
56	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ampacity Test	TAG/TM/AMP/01 Issue No.03
57	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IEEE 1138
58	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IS 12776
59	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IS 398 (Part 1)
60	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IS 398 (Part 2)
61	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IS 398 (Part 4)

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62	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	IS 398 (part 5)
63	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	PGCIL Standard Specification Section VII (Volume II) Rev.0
64	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	DC Resistance Test	TAG/TM/DC/01
65	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Dry Corona Test	IS 398 (part 5)
66	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Dry Corona Test	PGCIL Standard Specification Section VII (Volume II) Rev 0
67	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	RIV Test	IS 8263
68	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	RIV Test	IEC 60437
69	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	RIV Test	PGCIL Standard Specification Section VII (Volume II) Rev 0
70	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	DC Resistance Test	GETCO Specification
71	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps/ Tension Joints & clamps/ Spacer/ Damper (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Magnetic Power losses test	IEC 61284
72	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps/ Tension Joints & clamps/ Spacer/ Damper (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Magnetic Power losses test	IS 10162

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73	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps/ Tension Joints & clamps/ Spacer/ Damper (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Magnetic Power losses test	IS 9708
74	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Suspension clamps/ Tension Joints & clamps/ Spacer/ Damper (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Magnetic Power losses test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
75	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electric resistance test	IEC 61284
76	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IEC 61284
77	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat cycle test/Electrical Resistance test	IEC 61284
78	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2121 (Part 2)
79	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2121 (part 2)
80	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2121 (Part 2)
81	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2121 (part 4)
82	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2121 (Part 4)
83	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	IS 2486 (Part 1)

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84	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Electrical Resistance test	IS 2486 (Part 1)
85	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/ Electrical Resistance test	IS 2121 (Part 3)
86	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/ Electrical Resistance test	IS 2486 (Part 1)
87	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electric resistance test	IS 2121 (Part 3)
88	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	ANSI C119.4
89	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical resistance test	ANSI C119.4
90	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	ANSI C119.4
91	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	BS 3288 (Part 1)
92	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	BS 3288 (Part 1)
93	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Tension Joints and Tension clamps / Partial tension Fittings (ACSR/ AAAC/ AAC/ AL59/ ACS/HTLS)	Heat Cycle Test/Electrical Resistance test	BS 3288 (Part 1)
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	EN 50540

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95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IS 2121 (Part 4)
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	PGCIL Standard Specification Section VI A (Volume II) - Rev2
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	TAG/SOP/UTS/002 Issue no.03
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	TAG/SOP/SVT/001 Issue no.01
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	TAG/SOP/SVT/001 Issue no.01
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IEC 61897
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IS 9708
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2121 (Part 2)
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2486 (Part 1)

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106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	IS 9708
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	TAG/SOP/ST/001 Issue no.01
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Visual Examination	IS 2121 (part 1)
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Resilient Test	IS 2121 (part 1)
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Strength test	IEC 1232
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Bend Test	IS 2121 (part 1)
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Slip Strength test	IS 2121 (Part 1)
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Armour Rods/Aluminum Clad Steel ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Tensile Strength test	IS 2121 (Part 1
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Composite core of HTLS conductor	Dye Penetration Test	ASTM B987
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Downlead clamp/structure mounting Clamp (OPGW)	Fit test	PGCIL Standard Specification section VII (Volume II) Rev 0
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Downlead clamp/structure mounting Clamp (OPGW)	Strength test	PGCIL Standard Specification section VII (Volume II) Rev 0
118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	BS EN 50540
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	EN 50182

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120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IS 12776
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IS 398 (Part 2)
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IS 398 (Part 1)
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IS 398 (Part 2)
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Uniformity of Zinc Coating test	IS 2633
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 398 (Part 1)
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Adherence of zinc coating	BS EN 50189
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Adhesion Test	ASTM A363-14
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Adhesion Test	BS 443
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Adhesion Test	IS 4826
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Adhesion Test	NFC 34-113
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Bending Test on Composite core	PGCIL Standard Specification Section VII B (Volume II) Rev 0
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	EN 50182
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	NFC 34-113

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134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	SS 4240813
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	SS 4240813
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	SS 4240814
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	SS 4240814
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Compression test on aluminum clad core	PGCIL Standard Specification Section VII B(Volume II) Rev 0
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	ASTM A363-03
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	BS 4565
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	BS EN 50189
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	EN 50182
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IEC 60104
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IEC 60888
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IEC 62004
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IS 398 (Part 3)
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IS 398 (Part 4)

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148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IS 398 (Part 5)
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	SS 4240813
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	SS 4240814
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Mass of Zinc Coating	BS EN 10244
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Mass of Zinc Coating test	BS 443
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Mass of Zinc Coating test	IS 6745
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Thermal Resistance Property Test	IEC 62004
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	ASTM A363-14
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	BS 4565
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	BS EN 50189
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IEC 1232
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IEC 60888
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IEC 60889
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IS 398 (Part 3)

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162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	IS 398 (Part 5)
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	NFC 34-113
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Torsion test	SS 4240813
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Uniformity of Zinc coating	BS EN 10244
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Uniformity of Zinc Coating test	BS 443
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Uniformity of Zinc Coating test	BS EN 50189
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	ASTM A363-14
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	BS 2627
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	BS 4565
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	BS 7884
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	BS EN 50189
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	BS EN 60104
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IEC 60888
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IEC 60889

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176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IEC 62004
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 12776
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 398 (Part 2)
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 398 (Part 3)
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 398 (Part 4)
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	IS 398 (Part 5)
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	NFC 34-113
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	SS 4240813
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Wrapping test	SS 4240814
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Adhesion Test (Galvanizing)	GETCO Specification
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Bending Test on Aluminum Clad Core	GETCO Specification
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Breaking Load / Tensile Strength Test	GETCO Specification
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Breaking Load / Tensile Strength Test	GETCO Specification
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Compression Test	GETCO Specification

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190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	DC Resistance Test	GETCO Specification
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Elongation test	GETCO Specification
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Heat resistance test	GETCO Specification
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Heat Resistance test	PGCIL Specification SECTION-VII B (VOLUME-II), Rev 0 (June'2021)
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Torsion Test	GETCO Specification
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Wrapping Test	BS EN 50183
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Wrapping test	GETCO Specification
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Bending Test on Aluminum Clad Core	PGCIL Standard Specification Section VII B (Volume II) Rev 0
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 1232
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 1232
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60104
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60104
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60888
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60888

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204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60889
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 60889
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 61089
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 61089
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 62004
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 62004
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 62219
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IEC 62219
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 12776
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 12776
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 1)
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 1)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 2)
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 2)

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218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 3)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 3)
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 4)
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 4)
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 5)
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	IS 398 (Part 5)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Thickness of Aluminum Cladding	BS EN 50540
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Individual Strands of the Stranded Conductor (ACSR/AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ GS Earth Wire)	Thickness of Aluminum Cladding	IEC 1232
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IEC 61284
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	BS 3288 (Part 1)
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damage and failure load test/Mechanical Strength Tests	IS 2486(Part 1)

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229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Hardness Shore-A	ISO 868
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Insulator set fittings and Earthwire fittings/ Suspension Clamps/ Tension Joints and Tension clamps/ Insulator Protective fittings/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	String Vibration Test	TAG/SOP/SVT/001 Issue no.01
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 test	IEC 61854
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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

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237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Rockwell Hardness And Shore-A Hardness	IEC 61284
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Rockwell Hardness And Shore-A Hardness	IEC 61284
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Rockwell Hardness And Shore-A Hardness Test	IEC 61284
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Uniformity in thickness	IS 2633
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Adhesion of the coating	IS 2629

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244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Adhesion of the coating	BS EN ISO 1461
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Coating Thickness test	BS EN ISO 1461
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Mass of Coating test	IS 6745
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 61854
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 61897
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IS 3703
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	PGCIL Standard Specification Section VI A (Volume II) - Rev2

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251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	TAG/SOP/UTS/001 Issue no.03
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Rockwell Hardness HRC	ASTM E18
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)	Uniformity in thickness	BS EN ISO 1461
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 61854
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 61897
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 10162
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)

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258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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)
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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 9708
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	ndividual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Breaking Load / Tensile Strength Test	ASTM B856-13
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	ndividual Strands of the Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ GS Earth Wire)	Elongation test	IEC 62219
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	OPGW Cable	Seepage of Floating Compound	IEEE 1138
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	OPGW Cable	Water Ingress test	IEEE 1138

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267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Compression and Tension test/Simulated Short Circuit test	IEC 61854
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IEC 61854
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IEC 61854
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	IEC 61854
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS	Characterization of the Elastic and Damping properties	PGCIL Standard Specification Section VI A (Volume II) - Rev2
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Characterization of the Elastic and Damping Properties	IEC 61854
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Characterization of the Elastic and damping properties	IEC 61854
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Characterization of the Elastic and Damping properties	PGCIL Standard Specification Section VI A (Volume II) - Rev2
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Compression and Tension test/Simulated Short circuit test	IS 10162
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Compression and Tension test/Simulated Short Circuit test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Compression and Tension test/Simulated Short Circuit test	TAG/SOP/SDTR/001 Issue No. 01
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IEC 61854
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IS 10162
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IS 10162

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281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	IS 10162
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	TAG/SOP/FAT/001 Issue no.0
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Fatigue tests/Vibration test	TAG/SOP/FAT/001 Issue no.0
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	IEC 61854
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	IS 10162
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Spacer Damper/ Flexible Spacer/ Rigid Spacer (ACSR / AAAC/AAC/ AL59/ACS/HTLS)	Flexibility tests/ Movement test	TAG/SOP/MOV/001 Issue no.01
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor(ACSR / AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/Copper/OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	GETCO Specification
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Annular Gap Measurement Test	IEC 62420
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	BS EN 61395
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	IEC 61395
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	IS 398 (Part 1)

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295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	IS 398 (part 2)
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 398 (part 2)
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	IEC 61089
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	IS 398 (part 5)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire	Sheaves	PGCIL Standard Specification Section VII B (Volume II) Rev 0
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire	Ultimate Tensile Strength Test/ Breaking Load Test	TAG/SOP/UTS/002 Issue no.03
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Aeolian vibration	IEEE 1138
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Aeolian Vibration	PGCIL Standard Specification Section VII B (Volume II) Rev 0
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Aeolian Vibration	TAG/SOP/AVT/001 Issue no.01
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Axial Impact	PGCIL Standard Specification Section VII B (Volume II) Rev 0
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Axial Impact	TAG/SOP/AI/001 Issue No.01
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Bend Test	IEEE 1138
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Brittle Fracture Test	PGCIL Standard Specification Section VII B (Volume II) Rev 0
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Brittle Fracture Test	TAG/SOP/BF/001 Issue No.1

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309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Cable Bend	IEEE 1138
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Coefficient of Linear Expansion	PGCIL Standard Specification Section VII B (Volume II) Rev 0
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Coefficient of Linear Expansion	PGCIL Standard Specification Section VII B (Volume II) Rev 0
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Coefficient of Linear Expansion	TAG/SOP/COLE/001 Issue No.01
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Coefficient of Linear Expansion	TAG/SOP/COLE/001 Issue No.01
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Galloping Test	IEEE 1138
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	High Temperature Endurance and Creep Test on Stranded Conductor	PGCIL Standard Specification Section VII B (Volume II) Rev 0
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	High Temperature Endurance and Creep test on stranded Conductor	PGCIL Standard Specification Section VII B (Volume II) Rev 0
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	High Temperature Endurance and Creep test on stranded conductor	TAG/SOP/HTCCT/001 Issue No.01
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	High Temperature Endurance and Creep test on stranded conductor	TAG/SOP/SSET/001 Issue No.01
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Inertness Test	BS EN 50540
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Inertness Test	EN 50182
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	IEEE 1138
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	PGCIL Standard Specification Section VII B (Volume II) Rev 0

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323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	SS 112318
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	SS 4240813
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	SS 4240814
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Long Term Creep Test	TAG/SOP/CRP/001 Issue No.03
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Longitudinal Smoothness Test	TAG/TM/LST/01
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	AS 3607
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	ASTM B856-13
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	BS 215 (Part-1)
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	BS EN 50540
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	EN 50182
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	IEEE 1138
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	IS 398 (Part 2)
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	IS 398 (Part 4)
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	IS 398 (Part 5)

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337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Measurement of Lay Ratio	SS 4240813
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Radial Crush	IEEE 1138
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Radial Crush	PGCIL Standard Specification Section VII B (Volume II) Rev 0
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Sheaves	IEEE 1138
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Strain Margin	IEEE 1138
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	AS 3822
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	BS EN 50182
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	BS EN 50540
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	IEC 61089
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	IEC 62219
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test	IEEE 1138
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test on Stranded conductor and core at elevated temperature	PGCIL Standard Specification Section VII B (Volume II) Rev 0
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test on Stranded conductor and core at elevated temperature	PGCIL Standard Specification Section VII B (Volume II) Rev 0
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress strain test on stranded conductor and core at elevated temperature	TAG/SOP/SSET/001 Issue no.01

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351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Stress Strain Test on Stranded conductor and core at elevated temperature	TAG/SOP/SSET/001 Issue no.01
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 12776
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 12776
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 398 (part 2)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 398 (part 2)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 398 (part 5)
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	IS 398 (part 5)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	PGCIL Standard Specification Section VII (Volume II) Rev 0
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	PGCIL Standard Specification Section VII (Volume II) Rev 0
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	TAG/SOP/UTS/002 Issue no.03
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Surface Condition Test	TAG/SOP/UTS/002 Issue no.03
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Temperature Cycle	PGCIL Standard Specification Section VII B (Volume II) Rev 0
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Temperature cycle	PGCIL Standard Specification Section VII B (Volume II) Rev 0
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Temperature Cycle	TAG/SOP/TCT/001 Issue No.01

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365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Temperature Cycle test	TAG/SOP/TCT/001 Issue No.01
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Torsional Ductility	PGCIL Standard Specification Section VII B (Volume II) Rev 0
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Torsional Ductility	TAG/SOP/TD/001 Issue no.1
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Twist Test	IEEE 1138
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	AS 1531
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	AS 3822
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	ASTM B232/B232M-17
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	ASTM B856
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	BS EN 50182
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	BS EN 50540
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEC 61089
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEC 62219
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IEEE 1138
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 12776

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379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	IS 398 (part 5)
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	NF-34-120
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	NFC 34-125
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	PGCIL Standard Specification Section VII (Volume II) Rev 0
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	SS 4240813
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test	SS 4240814
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	ASTM B232/B232M-17
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	BS EN 50182
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	BS EN 50540
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	IEC 62219
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Visual Examination	SS 4240814
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test at elevated temperature	PGCIL Standard Specification Section VII B (Volume II) Rev 0
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR / AAAC/ AAC/ ACCC/ ACSS/AL59/ACS/ STACIR/ Copper/ OPGW/ GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test at elevated temperature	TAG/SOP/UTSET/001 Issue No.01
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Aeolian Vibration	GETCO Specification

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393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Axial Impact	GETCO Specification
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Brittle Fracture Test	GETCO Specification
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Coefficient of Linear Expansion	GETCO Specification
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Crush strength Test	GETCO Specification
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	High Temperature Endurance and Creep Test on Stranded Conductor	GETCO Specification
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Lay Ratio of various layers	GETCO Specification
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Sheaves Test	GETCO Specification
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Stress Strain Test on Stranded conductor and core at elevated temperature	GETCO Specification
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Surface Condition Test	EN 50182
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Surface Condition Test	GETCO Specification
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Temperature Cycle Test	GETCO Specification
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Temperature Cycle Test	GETCO Specification
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Torsional Ductility Test	GETCO Specification
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded Conductor (ACSR/ AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/GTACSR/GZTACSR /Copper/OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test at elevated temperature	GETCO Specification

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407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded conductor (ACSR/AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/Copper/OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test at elevated temperature	PGCIL Standard Specification Section VII B (Volume II) Rev 0
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stranded conductor (ACSR/AAAC/AAC/ACCC/ACSS/AL59/ACS/STACIR/Copper/OPGW/GS Earth Wire)	Ultimate Tensile Strength Test/ Breaking Load Test at Elevated Temperature	TAG/SOP/UTSET/001 Issue No.01
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IEC 61284
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	BS 3288 (part 1)
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IEC 61854
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	IS 10162
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	PGCIL Standard Specification Section VI A (Volume II) - Rev2
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	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	TAG/SOP/TOR/001 Issue no.01
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests / Assembly Torque test	IS 2121
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	BS 3288 (part 1)
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	BS 3288 (part 1)
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61284

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419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61284
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61854
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61854
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61897
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IEC 61897
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 10162
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 10162
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2121 (Part 1)
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2121 (Part 3)
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2121 (Part 3)
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2486 (Part 1)

SCOPE OF ACCREDITATION

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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
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 2486 (Part 1)
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 9708
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	IS 9708
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	TAG/SOP/SLP/001 Issue no.01
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Suspension Clamps/ Spacer Damper/ Flexible Spacer/ Rigid Spacer/ Vibration Damper/Flexible copper bond/Earthwire Accessories (ACSR / AAAC/AAC/ACAR/ AL59/ ACS/ HTLS/ OPGW/ ADSS/ GS Earthwire/ ACS Earthwire)	Slip tests/ Assembly Torque Test	TAG/SOP/SLP/001 Issue no.01
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension Joints and Tension clamps / Partial tension Fittings(ACSR/ AAAC/AAC/ AL59/ACS/HTLS)	Heat cycle test/Electrical Resistance test	GETCO Specification
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IEC 61284
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IEC 61284
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2121 (Part 2)
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2121 (Part 4)

SCOPE OF ACCREDITATION

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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
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2121 (Part 4)
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	IS 2486 (Part 1)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tension joints and Tension Clamps/ Partial Tension Fittings/ Repair Sleeve (ACSR / AAAC/ AAC/ AL59/ACS/ HTLS/OPGW/ ADSS/GS Earthwire/ACS Earthwire)	Tensile Test/ Failing Load Test	TAG/SOP/UTS/002 issue no.03
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Attachment of clamp to messenger cable test	IEC 61897
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration 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
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	IEC 61897
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration 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
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Bend Test	IS 2121 (Part 1)
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue tes	TAG/SOP/ST/001 Issue no.01
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	IEC 61897
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	IS 9708
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	PGCIL Standard Specification Section VI A (Volume II) - Rev2
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Fatigue test	TAG/SOP/ST/001 Issue no.01

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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
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IEC 61897
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IEC 61897
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IEEE 664
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IEEE 664
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IS 9708
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	IS 9708
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	PGCIL Standard Specification Section VI A (Volume II) - Rev2
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	PGCIL Standard Specification Section VI A (Volume II) - Rev2
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Vibration Damper (ACSR / AAAC/AAC/ AL59/ACS/HTLS/ OPGW/ADSS/GS Earthwire/ACS Earthwire)	Damper Performance tests	TAG/SOP/ST/001 Issue no.01