



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**TESTING LABORATORY, NSIC TECHNICAL SERVICE
CENTER (A GOVT. OF INDIA ENTERPRISE)**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

JAPANIGATE, P.O. BALITIKURI, HOWRAH, WEST BENGAL, INDIA

in the field of

TESTING

Certificate Number: TC-5137

Issue Date: 26/12/2019

Valid Until:

25/12/2021*

*The validity is extended for one year up to 25.12.2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : NSIC TECHNICAL SERVICE CENTER

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

| | | | |
|-------------------------------|--|------------------------|------------|
| Laboratory Name : | TESTING LABORATORY, NSIC TECHNICAL SERVICE CENTER (A GOVT. OF INDIA ENTERPRISE), JAPANIGATE, P.O. BALITIKURI, HOWRAH, WEST BENGAL, INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
| Certificate Number | TC-5137 | Page No | 1 of 53 |
| Validity | 26/12/2019 to 25/12/2021* | Last Amended on | 21/10/2021 |

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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 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloy | Silicon | IS 504 (PART 1/SEC 7) |
| 2 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloy | Copper | IS 504(PART 3/SEC 6) |
| 3 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloy | Manganese | IS 504 (PART 5) |
| 4 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloy | Tin | IS 11035 |
| 5 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Titanium | IS 11035 |
| 6 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Copper | IS 11035 |
| 7 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloys | Iron | IS 11035 |
| 8 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloys | Magnesium | IS 11035 |
| 9 | CHEMICAL- METALS & ALLOYS | Aluminium & its Alloys | Manganese | IS 11035 |
| 10 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Nickel | IS 11035 |
| 11 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Silicon | IS 11035 |
| 12 | CHEMICAL- METALS & ALLOYS | Aluminium & its alloys | Zinc | IS 11035 |
| 13 | CHEMICAL- METALS & ALLOYS | Aluminium and its alloy | Iron | IS 504(PART 2/SEC 6) |
| 14 | CHEMICAL- METALS & ALLOYS | Aluminium and its alloy | Lead | IS 11035 |
| 15 | CHEMICAL- METALS & ALLOYS | Aluminium and its alloys | Chromium | IS 11035 |
| 16 | CHEMICAL- METALS & ALLOYS | Carbon Steel | Phosphorous | IS 228 PART-3 |
| 17 | CHEMICAL- METALS & ALLOYS | Carbon Steel | SULPHUR | IS 228 (PART-9) |
| 18 | CHEMICAL- METALS & ALLOYS | Metal & Alloys | Adhesion of Zinc Coated Steel | IS 2629 |



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| 19 | CHEMICAL- METALS & ALLOYS | Metals & Alloys | Coating for Zinc Coated Steel | IS 2633 |
| 20 | CHEMICAL- METALS & ALLOYS | Metals & Alloys | Mass for Zinc Coating | IS 6745 |
| 21 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel | Carbon | IS 228 (PART-1) |
| 22 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel | Manganese | IS 228 PART-2 |
| 23 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel | SILICON | IS 228 (PART-8) |
| 24 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloy Steel | Molybdenum | IS 8811 |
| 25 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloy Steel | Aluminium | IS 8811 |
| 26 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloy Steel | Carbon | IS 8811 |
| 27 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloy Steel | Copper | IS 8811 |
| 28 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloy Steel | Phosphorous | IS 8811 |
| 29 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloys Steel | Vanadium | IS 8811 |
| 30 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloys Steel | Chromium | IS 8811 |
| 31 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloys Steel | Manganese | IS 8811 |
| 32 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloys Steel | Silicon | IS 8811 |
| 33 | CHEMICAL- METALS & ALLOYS | Plain Carbon Steel & Alloys Steel | Sulphur | IS 8811 |
| 34 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Aluminium (by Emission Spectrometer) | IS 9879 |
| 35 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Carbon (by Emission Spectrometer) | IS 9879 |
| 36 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Chromium (by Emission Spectrometer) | IS 9879 |



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| 37 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Copper (by Emission Spectrometer) | IS 9879 |
| 38 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Manganese (by Emission Spectrometer) | IS 9879 |
| 39 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Molybdenum (by Emission Spectrometer) | IS 9879 |
| 40 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Nickel (by Emission Spectrometer) | IS 9879 |
| 41 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Phosphorous (by Emission Spectrometer) | IS 9879 |
| 42 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Silicon (by Emission Spectrometer) | IS 9879 |
| 43 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Sulphur (by Emission Spectrometer) | IS 9879 |
| 44 | CHEMICAL- METALS & ALLOYS | Stainless Steel | Vanadium (by Emission Spectrometer) | IS 9879 |
| 45 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Mechanical Endurance Test | (Withdrawn Standard)IS 9921(Part 4): |
| 46 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Mechanical Endurance test | IEC 62271-102 |
| 47 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Resistance of the main circuit by mV drop | (Withdrawn Standard)IS 9921 (Part 4) |
| 48 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Resistance of the main Circuit by mV drop | (Withdrawn Standard)IS 9921(Part 2) |
| 49 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Resistance of the main circuit by mV drop | (Withdrawn Standard)IS 9921(Part 5) |
| 50 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Temperature Rise Test | (Withdrawn Standard)IS 9921 (Part 2) |
| 51 | ELECTRICAL- SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Temperature Rise Test | (Withdrawn Standard)IS 9921 (Part 4) |



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| 52 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Temperature Rise Test | (Withdrawn Standard)IS 9921(Part 2) |
| 53 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis connector (isolators) & Earthing switches for voltages above 1 kV (upto 33 kV) | Temperature Rise Test | IEC-60060-(Part-1)-2010:IS 2071-(Part-1) |
| 54 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Lightning Impulse | (Withdrawn Standard)IS 9921(Part 2) |
| 55 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Lightning Impulse | (Withdrawn Standard)IS 9921(Part 4) |
| 56 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Lightning Impulse | IS 2071(Part-1) : 2016(IEC-60060-1-2010) |
| 57 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Power Frequency voltage withstand (Dry & Wet) | (Withdrawn Standard)IS 9921(Part 4) |
| 58 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Power Frequency voltage withstand (Dry & Wet) | (Withdrawn Standard)IS 9921(Part-5) |
| 59 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Power Frequency voltage withstand(Dry & Wet) | (Withdrawn Standard)IS 9921(Part-2) |
| 60 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current dis-connectors (Isolators) & Earthing Switches for voltages above 1kV(Upto 33 kV) | Power Frequency voltage withstand(Dry & Wet) | IS 2071-1(IEC-60060-1-2010) |
| 61 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current disconnectors (Isolators) & earthing switches for voltages above 33 kV (Upto 420 kV) | Resistance of the main circuit by mV drop | (Withdrawn Standard)IS 9921 (Part 4) |
| 62 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current disconnectors (Isolators) & earthing switches for voltages above 33 kV (Upto 420 kV) | Temperature Rise | (Withdrawn Standard)IS 9921 (Part 4) |
| 63 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating current disconnectors (Isolators) & earthing switches for voltages above 33 kV (Upto 420 kV) | Temperature Rise Test | (Withdrawn Standard)IS 9921 (Part 2) |
| 64 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for voltage above 1 kv (up to 33 kv) | Resistance of the main circuit by mV drop | (Withdrawn Standard)IS 9920 (Part 4) |



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| 65 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for voltage above 1 kv (up to 33 kv) | Resistance of the main circuit by mV drop | (Withdrawn Standard)IS 9920(Part 2) |
| 66 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for voltage above 1 kv (up to 33 kv) | Resistance of the main circuit by mV drop | IS/IEC 62271-102 |
| 67 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for voltage above 1 kv (up to 33 kv) | Resistance of the main circuit by mV drop | IS/IEC 62271-105 |
| 68 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Lightning Impulse | (Withdrawn Standard)IS 9920 (Part 2) |
| 69 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Lightning Impulse | (Withdrawn Standard)IS 9920 (Part 4) |
| 70 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Lightning Impulse | IS /IEC 62271-102 |
| 71 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Lightning Impulse | IS /IEC 62271-105 |
| 72 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Lightning Impulse | IS 2071-1 (IEC-60060-1-2010) |
| 73 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Mechanical Endurance | (Withdrawn Standard)IS 9920(Part 4) |
| 74 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Power Frequency Voltage Withstand (Dry & Wet) | (Withdrawn Standard)IS 9920 (Part 2) |
| 75 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Power Frequency Voltage Withstand (Dry & Wet) | (Withdrawn Standard)IS 9920 (Part 4) |
| 76 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Power Frequency Voltage Withstand (Dry & Wet) | IEC-60060-(Part-1):2010,IS 2071-(Part-1) |
| 77 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Power Frequency Voltage Withstand (Dry & Wet) | IS /IEC 62271-102 |



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| 78 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Power Frequency Voltage Withstand (Dry & Wet) | IS /IEC 62271-105 |
| 79 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Temperature Rise | (Withdrawn Standard)IS 9920 (Part 4) |
| 80 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Temperature Rise | (Withdrawn Standard)IS 9920(Part 2) |
| 81 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Temperature Rise | IS /IEC 62271-102 |
| 82 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Alternating Current Switches for Voltages above 1 kv (upto 33 kv) | Temperature Rise | IS /IEC 62271-105 |
| 83 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Temperature Rise | IEC : 62271-1 (amendment 2011) |
| 84 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Wet Power Frequency Voltage Withstand | IEC : 62271-100 (amendment 1:12) |
| 85 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Dry Power Frequency Voltage Withstand | IEC : 62271-200 |
| 86 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Dry Power Frequency Voltage Withstand | IEC :62271-1 |
| 87 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Dry Power Frequency Voltage Withstand | IEC :62271-100 (amendment 1:12) |
| 88 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Lightning Impulse Voltage Withstand | IEC 62271-1(amendment 2011) |
| 89 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Lightning Impulse Voltage Withstand | IEC: 62271-100(amendment 1 :12) |
| 90 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Lightning Impulse Voltage Withstand | IEC: 62271-200 |



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| 91 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Measurement of Contact Resistance | IEC : 62271-100 (amendment 1:12) |
| 92 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Measurement of Contact Resistance | IEC : 62271-200 |
| 93 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Measurement of Contact Resistance | IEC :62271 -1 |
| 94 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Temperature Rise | IEC : 62271-100 (amendment 1: 12) |
| 95 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Temperature Rise | IEC : 62271-200 |
| 96 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Wet Power Frequency Voltage Withstand | IEC : 62271-200 |
| 97 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Circuit Breaker (AC Metal enclosed Switch Gear and Control) | Wet Power Frequency Voltage Withstand | IEC:62271 -1 |
| 98 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuse Explosion (Drop Out & Cut Out HV Fuse) (Up to 33 KV) | Temperature Rise | IEC-60060-(Part-1):2010,IS 2071-(Part-1) |
| 99 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuse Explosion (Drop Out & Cut Out HV Fuse) (Up to 33 KV) | Temperature Rise | IS 9385 (Part 2) |
| 100 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuse Explosion (Drop Out & Cut Out HV Fuse) (Up to 33 KV) | Temperature Rise | IS 9385(Part 1) |
| 101 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Lightning Impulse | IEC 60282-1 |
| 102 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Lightning Impulse | IEC-60060-(Part-1):2010,IS 2071-(Part-1) |
| 103 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Lightning Impulse | IS 9385 (Part 1) |



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| 104 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Lightning Impulse | IS 9385 (Part 2) |
| 105 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Lightning Impulse | IS 9385(Part 1) |
| 106 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Power Frequency voltage withstand (Dry & Wet) | IEC 60282-2 |
| 107 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Power Frequency voltage withstand (Dry & Wet) | IEC-60060-(Part-1):2010,IS 2071-(Part-1) |
| 108 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Power Frequency voltage withstand (Dry & Wet) | IS 9385(Part 1) |
| 109 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High Voltage Fuses-Explosion (Drop out & Cut Out HV Fuse) (Upto 33 KV) | Power Frequency voltage withstand (Dry & Wet) | IS 9385(Part 2) |
| 110 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | High-Voltage Switchgear and Controlgear | Lightning Impulse | IEC 62271-103 |
| 111 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | HV Switchgears and Controlgears | Power Frequency Voltage test (dry & wet) | IEC 62271-103 |
| 112 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Switches and Disconnectors | Measurement of Contact resistance | IEC 62271-103 |
| 113 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Switches and Disconnectors | Mechanical Endurance test | IEC 62271-103 |
| 114 | ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT | Switches and disconnectors | Temperature Rise test | IEC 62271-103 |
| 115 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Verification of axial and radial displacement | IEC 60383-1 |
| 116 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Wrought Al.Wire | Resistance / Conductivity / Resistivity | IS 2067 |



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| 117 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | "Composite Insulator (solid core with polymeric housing)" | Brittle Fracture Resistance | NTSC(H)/ELEC. TEST/SOP (POLYMER) / 01 |
| 118 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Impulse Voltage | (Withdrawn Standard)IS 3427 |
| 119 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Impulse Voltage | IEC 60298 |
| 120 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Power Frequency Voltage Withstand | (Withdrawn Standard)IS 3427 |
| 121 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Power Frequency Voltage Withstand | IEC 60298 |
| 122 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Temperature Rise | (Withdrawn Standard)IS 3427 |
| 123 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | AC Metal enclosed switch gear control gear | Temperature Rise | IEC 60298 |
| 124 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | BS 215 (Part 1 & Part 2) |
| 125 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IEC 61089 |
| 126 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IS 398 (Part 2) |



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| 127 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IS 398 (Part 3) |
| 128 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IS 398 (Part 4) |
| 129 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IS 398 (Part 5) |
| 130 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | ACSR/ACASR/AAAC | Electrical Resistance/Resistivity | IS 398 (Part 1) |
| 131 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Aluminium Alloy Redraw Wire | Resistance / Conductivity /Resistivity | IS 9997 |
| 132 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | DC Resistance of Armour | IS 10810 PT -42 |
| 133 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | DC Resistance of Armour | IS 7098-2 |
| 134 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | DC Resistance of Conductor | IS 8130 |
| 135 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | DC Resistance of Conductor/Armour | IS 10810 PT-5 |
| 136 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Impulse | IS 10810 PT-47 |



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| 137 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Impulse | IS 7098-2 |
| 138 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Impulse | IS 7098-Part-2 |
| 139 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Insulation resistance/volume resistivity | IS 10810 PT-43 |
| 140 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Insulation resistance/volume resistivity | IS 7098-PT-2 |
| 141 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Power Frequency Voltage Withstand Test | IS 10810 PT-45 |
| 142 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Cables and Accessories | Power Frequency Voltage Withstand Test | IS 7098-PT-2 |
| 143 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic / Glass Insulator /String(Upto 33 KV Grade) | Lightning Impulse voltage withstand & flash over (Dry) | IS 731 |
| 144 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic /Glass Insulator /String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | IEC 60383-1 |
| 145 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic /Glass Insulator String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | IS 2071-(Part-1) |
| 146 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic /Glass Insulator String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | ANSI C29.2 |



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| 147 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic /Glass Insulator String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | IEC 60060-1 |
| 148 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator (145 KV Grade) | Wet Power Frequency Voltage Withstand | (Withdrawn Standard) IS 2544 |
| 149 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator (145 KV Grade) | Wet Power Frequency voltage withstand | IEC 60383-2 |
| 150 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator (145 KV Grade) | Wet Power Frequency Voltage withstand | IEC-60383-1 |
| 151 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator (145 KV Grade) | Wet power frequency voltage withstand | IS 731 |
| 152 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | ANSI C29.1 |
| 153 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | ANSI C29.2 |
| 154 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | IS 2633 |
| 155 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | IS 4318 |
| 156 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | IS 731 |



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| 157 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Galvanizing (Uniformity of zinc coating) | Withdrawn Standard IS 2544 |
| 158 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Performance Test (Successive cycle of loading/un-loading followed by mechanical/electromechanical failing) | ANSI C29.1 |
| 159 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Performance Test (Successive cycle of loading/un-loading followed by mechanical/electromechanical failing) | ANSI C29.2 |
| 160 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Performance Test (Successive cycle of loading/un-loading followed by mechanical/electromechanical failing) | IEC 60575 |
| 161 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Performance Test (Successive cycle of loading/un-loading followed by mechanical/electromechanical failing) | IS 4318 |
| 162 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Performance Test (Successive cycle of loading/un-loading followed by mechanical/electromechanical failing) | IS 731 |
| 163 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Strength | Withdrawn Standard IS 2544 |
| 164 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Mechanical Test (24 Hrs) | IS 731 (Bfefore amendment 7) |
| 165 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Residual Strength test (after mechanical damaged of the di-electric) | ANSI C29.2 |



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| 166 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator / String(up to 33 KV Grade) | Residual Strength test (after mechanical damaged of the dielectric) | IEC 60797 |
| 167 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator /String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | IEC 60383-2 |
| 168 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator /String(Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | Withdrawn Standard IS 2544 |
| 169 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | ANSI C29.1 |
| 170 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & Flash over (Dry) | ANSI C29.6 |
| 171 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator(145 KV Grade) | Dry Power Frequency voltage withstand | Withdrawn Standard IS 2544 |
| 172 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Dry Lightning Impulse Voltage withstand (w/o Flashover) | Withdrawn Standard IS 2544 |
| 173 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Dry Lightning Impulse voltage withstand (w/o Flashover) | IEC -60383-2 |
| 174 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Dry Lightning Impulse Voltage withstand (w/o Flashover) | IEC-60383-1 |
| 175 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Dry Lightning Impulse Voltage Withstand(w/o Flashover) | IS 731 |



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| 176 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Dry Power Frequency Voltage Withstand | (Withdrawn Standard) IS 2544 |
| 177 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Mechanical Load | IEC-60383-1 |
| 178 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Mechanical Load | IEC-60383-2 |
| 179 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Wet Power Frequency voltage withstand | (Withdrawn Standard) IS 2544 |
| 180 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Wet power frequency voltage withstand | IEC 60383-2 |
| 181 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Wet Power frequency voltage withstand | IEC-60383-1 |
| 182 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Above 33 KV Grade, Upto 72.5 KV) | Wet Power Frequency Voltage Withstand | IS 731 |
| 183 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | (Withdrawn Standard) IS 2099 |
| 184 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency voltage withstand & flashover | (Withdrawn Standard) IS 2544 |
| 185 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | ANSI C29.1 |



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| 186 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | ANSI C29.2 |
| 187 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | ANSI C29.3 |
| 188 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry power frequency voltage withstand & flashover | ANSI C29.4 |
| 189 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | ANSI C29.6 |
| 190 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry power frequency voltage withstand & flashover | ANSI C29.7 |
| 191 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | IEC -60137 |
| 192 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency voltage withstand & flashover | IEC 60060-1 |
| 193 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & Flashover | IEC 60383-1 |
| 194 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power frequency voltage withstand & flashover | IEC-60137 |
| 195 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | IEC-60168 |



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| 196 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power frequency voltage withstand & flashover | IEC-60168 |
| 197 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency voltage withstand & flashover | IS 1445 |
| 198 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | IS 2071-(Part-1) |
| 199 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | IS 5300 |
| 200 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power frequency Voltage withstand & flashover | IS 5621 |
| 201 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Dry Power Frequency Voltage withstand & flashover | IS 7421 |
| 202 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Electromechanical failing | ANSI C29.1 |
| 203 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Electromechanical failing | IEC -60383-1 |
| 204 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Electromechanical failing | IS 731 |
| 205 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Electromechanical failing | ANSI C29.2 |



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| 206 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand & flashover (Dry) | ANSI C29.7 |
| 207 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Lightning Impulse voltage withstand & flashover (Dry) | (Withdrawn Standard) IS 2099 |
| 208 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Lightning Impulse Voltage withstand & flashover (Dry) | IEC-60137 |
| 209 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand & flashover (Dry) | IEC-60168 |
| 210 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Mechanical Failing Load | IEC-60168 |
| 211 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Mechanical Failing Load | IEC-60383-1 |
| 212 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Mechanical Failing Load | IS 4318 |
| 213 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Mechanical Failing Load | IS 731 |
| 214 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C.29.1 |
| 215 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C29.2 |



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*The validity is extended for one year up to 25.12.2022

| 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 |
|------|--|--|--|--|
| 216 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C29.3 |
| 217 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C29.4 |
| 218 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C29.6 |
| 219 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | ANSI C29.7 |
| 220 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IEC -60383-1 |
| 221 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IEC-60168 |
| 222 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IS 1445 |
| 223 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IS 5300 |
| 224 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IS 5621 |
| 225 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IS 731 |



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|------|--|--|--|--|
| 226 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | IS 7421 |
| 227 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Porosity | Withdrawn Standard IS 2544 |
| 228 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | (Withdrawn Standard) IS 2544 |
| 229 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IEC -60383-1 |
| 230 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IEC 60168 |
| 231 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 1445 |
| 232 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 4318 |
| 233 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 5300 |
| 234 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 5621 |
| 235 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 731 |



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|------|--|--|--|--|
| 236 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Temperature Cycle | IS 7421 |
| 237 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture withstand | (Withdrawn Standard) IS 2544 |
| 238 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture withstand | ANSI C29.1 |
| 239 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | ANSI C29.2 |
| 240 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | ANSI C29.6 |
| 241 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | ANSI C29.7 |
| 242 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | IEC-60168 |
| 243 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture withstand | IEC-60383-1 |
| 244 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | IS 1445 |
| 245 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Under Oil Puncture Withstand | IS 731 |



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| 246 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Visible Discharge | (Withdrawn Standard) IS 2544 |
| 247 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Visible Discharge | IS 731 |
| 248 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power frequency voltage withstand | ANSI C29.7 |
| 249 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | (Withdrawn Standard) IS 2099 |
| 250 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & Flashover | (Withdrawn Standard) IS 2544 |
| 251 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & flashover | ANSI C29.1 |
| 252 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & Flashover | ANSI C29.2 |
| 253 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | ANSI C29.6 |
| 254 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & Flashover | ANSIC C29.3 |
| 255 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IEC -60383-1 |



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| 256 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IEC 60383-2 |
| 257 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & Flashover | IEC- 60137 |
| 258 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IEC-60060-1 |
| 259 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IEC-60168 |
| 260 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & Flashover | IS 1445 |
| 261 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & flashover | IS 2071-1 |
| 262 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IS 4318 |
| 263 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & Flashover | IS 5300 |
| 264 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand & flashover | IS 731 |
| 265 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Ceramic/Glass Insulator/String (Up to 33 KV Grade) | Wet Power Frequency Voltage withstand & flashover | IS 7421 |



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|------|--|---|--|--|
| 266 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CIRCUIT BREAKER | HV TEST | IS/IEC:60947(Part-2) |
| 267 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Circuit Breaker | Temperature Rise | IS/IEC:60947(Part-2) |
| 268 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CLAMPS AND CONNECTOR | DC RESISTANCE | IS 5561 |
| 269 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CLAMPS AND CONNECTOR | TEMPERATURE RISE | ANSI/NEMA CC-1 |
| 270 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CLAMPS AND CONNECTORS | Temperature Rise | IS 5561 |
| 271 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composit Insulator | Water Diffusion test | IEC 62217 |
| 272 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Assembled Core Load time test | IEC 61109 |
| 273 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (Solid core with polymeric housing) | Brittle Fracture resistance | NTSC(H)/ELEC.TEST/SOP(POLY MER)/01 |
| 274 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Damage limit proof test & test of tightness of interface between end fitting and insulator housing | IEC 61109 |
| 275 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Dry Power Frequency Voltage | IEC 62217 |



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|------|--|---|--|--|
| 276 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Galvanizing | IEC 60383-1 |
| 277 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Galvanizing | IEC 61109 |
| 278 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Mechanical Load (Sample test & routine test only) | IEC 61109 |
| 279 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Mechanical Load(Sample test & routine test only) | IEC 60383-1 |
| 280 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Porosity / Dye Penetration test | IEC 62217 |
| 281 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (solid core with polymeric housing) | Porosity/Dye Penetration Test | IEC 61109 |
| 282 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator (Solid core with polymeric housing) | Wet Power Frequency | IEC 60383-1 |
| 283 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator , (Solid core with polymeric housing) | Dry Lightning Impulse withstand voltage | IEC 61109 |
| 284 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulator(Solid core with Polymeric housing) | Wet Power Frequency | IEC 60383-1 |
| 285 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Composite Insulators | Water Diffusion test | ANSI/NEMA C29.11 |



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| 286 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Copper rod / bar | Resistance / Conductivity / Resistivity | IS 191 |
| 287 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Copper rod/bar | Resistance / Conductivity / Resistivity | IS 613 |
| 288 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Copper Strip | Resistance / Conductivity / Resistivity | IS 1897 |
| 289 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Copper Strip | Resistance / Conductivity / Resistivity | IS 3635 |
| 290 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Dry Power Frequency voltage withstand | IEC -61869-1 |
| 291 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Lightning Impulse voltage withstand | IEC -61869-1 |
| 292 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Lightning Impulse voltage withstand | IEC -61869-4 |
| 293 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Lightning Impulse voltage withstand | IS 16227-1 |
| 294 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Lightning Impulse voltage withstand | IS 16227-4 |
| 295 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Wet Power Frequency voltage withstand | IEC -61869-4 |



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| 296 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Wet Power Frequency voltage withstand | IEC -61869-1 |
| 297 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Wet Power Frequency voltage withstand | IS 16227-1 |
| 298 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT PT COMBINED UNIT | Wet Power Frequency voltage withstand | IS 16227-4 |
| 299 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT-PT Combined unit | Dry Power Frequency voltage withstand | IS 16227-1 |
| 300 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT-PT Combined unit | Dry Power Frequency voltage withstand | IS 16227-4 |
| 301 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | CT-PT Combined unit | Wet Power Frequency voltage withstand | IEC -61869-4 |
| 302 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Determination of secondary wdg. Resistance | IEC -61869-1 |
| 303 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Determination of secondary wdg. Resistance | IEC -61869-2 |
| 304 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Determination of secondary wdg. Resistance | IS : 2705 -(Part- 1) |
| 305 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Determination of secondary wdg. Resistance | IS 16227-1 |



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| 306 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Determination of secondary wdg. Resistance | IS 16227-2 |
| 307 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Verification of marking | IEC -61869-1 |
| 308 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Verification of marking | IEC -61869-2 |
| 309 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Verification of marking | IS : 2705 - (Part-1) |
| 310 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Verification of marking | IS 16227-1 |
| 311 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (upto 33 kV grade) | Verification of marking | IS 16227-2 |
| 312 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | (Withdrawn Standard) IS 2705 (Part 4) |
| 313 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC-61869-2 |
| 314 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IS 16227 : (Part 2) |
| 315 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IS 16227: (Part 1) |



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| Accreditation Standard | ISO/IEC 17025:2017 | Page No | 29 of 53 |
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| Validity | 26/12/2019 to 25/12/2021* | | |

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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 |
|------|--|---|--|--|
| 316 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC -61869-1 |
| 317 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC 60060-1 |
| 318 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IS 16227 : (Part 2) |
| 319 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IS 16227: (Part 1) |
| 320 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IS 2071-1 |
| 321 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IS 2705 (Part 1) (RA 2012) |
| 322 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IEC -61869-1 |
| 323 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IEC 60060-1 |
| 324 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IEC-61869-2 |
| 325 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IS 2071-1 |



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|------|--|---|--|--|
| 326 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IS 2705 (Part 1) |
| 327 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | IEC -61869-1 |
| 328 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | IEC-61869-2 |
| 329 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | IS 16227 : (Part 2) |
| 330 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | IS 16227: (Part 1) |
| 331 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Temperature Rise | IS 2705-1 |
| 332 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC -61869-1 |
| 333 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC 60060-1 |
| 334 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC-61869-2 |
| 335 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IS 16227 : (Part 2) |



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|------|--|---|--|--|
| 336 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IS 16227: (Part 1) |
| 337 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IS 2071-1 |
| 338 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Current Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IS 2705 (Part 1) |
| 339 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Distribution Box | HV Test | IS/IEC 60947(Part-1) |
| 340 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Distribution Box | Temperature Rise | IS/IEC 60947(Part-1) |
| 341 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Dry Power Frequency voltage withstand | CT-PT Combined unit | IEC -61869-1 |
| 342 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Earth Wire | Electrical Resistance/Resistivity | IS 12776 |
| 343 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | EC Grade Al.Rod | Resistance/Conductivity/Resistivity | IS 5484 |
| 344 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Dry Lightning Impulse withstand voltage | IEC 60383-1 |
| 345 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Dry Power Frequency voltage withstand & flashover | IEC :60060-1 |



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|------|--|---|--|--|
| 346 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Dry Power Frequency voltage withstand & flashover | IS 2071 (Part-1) |
| 347 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Dry Power Frequency Voltage withstand & flashover | IS 9431 |
| 348 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse Puncture | IEC:60060-1 |
| 349 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse Puncture | IS 2071 (Part-1) |
| 350 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse Puncture | IS 9431 |
| 351 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse voltage withstand & flashover | IEC: 60060-1 |
| 352 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse voltage withstand & flashover | IS 2071 (Part-1) |
| 353 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Lightning Impulse voltage withstand & flashover | IS 9431 |
| 354 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Mechanical Strength | IS 9431 |
| 355 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Indoor Post Insulator of Organic Materials above 1 KV | Wet Power Frequency | IEC 61109 |



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|------|--|---|--|--|
| 356 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Electrical Aging Test | EN 50483-5 |
| 357 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Electrical Aging Test | NFC 33004 |
| 358 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Electrical Aging Test | NFC 33020 |
| 359 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Electrical Continuity Test | NFC 33020 and NFC 33021 |
| 360 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Mechanical Test | NFC 33020 , NFC 33041 , NFC 33040 , NFC 33021 |
| 361 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Voltage Test | NFC 33020 , NFC 33041 , NFC 33040 & NFC 33021 |
| 362 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Insulated Cable Accessories | Water tightness test | NFC 33020 , NFC 33021 ,NFC 33040 & NFC 33041 |
| 363 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Interconnecting Bus Bars for AC Voltage Up to 36 KV | Impulse Voltage | IS 8084 |
| 364 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Interconnecting Bus Bars for AC Voltage Up to 36 KV | Insulation Resistance | IS 8084 |
| 365 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Interconnecting Bus Bars for AC Voltage Up to 36 KV | Power Frequency Voltage Withstand | IS 8084 |



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|------|--|---|--|--|
| 366 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Interconnecting Bus Bars for AC Voltage Up to 36 KV | Temperature Rise | IS 8084 |
| 367 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low Carbon GS wire / formed wire | Resistance / Conductivity / Resistivity | IS 12048 |
| 368 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low Carbon GS wire /formed wire | Resistance / Conductivity / Resistivity | IS 3975 |
| 369 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low Carbon GS wire/formed wire | Resistance / Conductivity / Resistivity | IS 10810-42 |
| 370 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Di-Electric Test | IEC 60439-1 (RA 2013) |
| 371 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Di-Electric Test | IEC 60439-2 (RA 2013) |
| 372 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Di-Electric test | IS 8623 Part-1 |
| 373 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Di-Electric Test | IS 8623 Part-2 |
| 374 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Temperature Rise | IEC 61439-1 |
| 375 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Temperature Rise | IEC 61439-2 |



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|------|--|---|--|--|
| 376 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Temperature Rise | IS 8623 Part 1 |
| 377 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Low voltage switchgear and control gear assemblies (TTA & PTTA/Bus bar trunking system) | Temperature Rise | IS 8623 Part-2 |
| 378 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Electrical Resistance / resistivity / Conductivity | IS 12048 |
| 379 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Electrical Resistance/ resistivity / Conductivity | IS 2121 (Part-1) |
| 380 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Heating Cycle | IS 2121 (Part-2) |
| 381 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Heating Cycle | IS 2121 (Part-3) |
| 382 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Heating Cycle | IS 2121 (Part-4) |
| 383 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Heating Cycle | IS 2486(Part-1) |
| 384 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Metal Fitting / accessories for Insulator / Conductor/Earth Wires for O.H Lines | Heating Cycle | IS 61284 (Class A Joints Only), BS 3288 Pt-1:1997 |
| 385 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | (Withdrawn Standard)IS 3156 (Part 1) |



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|------|--|---|--|--|
| 386 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC-61869-1 |
| 387 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC-61869-3 |
| 388 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IEC:60060-1 |
| 389 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Dry Power Frequency Voltage Withstand | IS 2071 (Part-1) |
| 390 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse voltage withstand | (Withdrawn Standard)IS 3156 (Part 1) |
| 391 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse voltage withstand | IEC-61869-1 |
| 392 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IEC-61869-3 |
| 393 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse voltage withstand | IEC:60060-1 |
| 394 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse voltage withstand | IS 2071 (Part-1) |
| 395 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Lightning Impulse Voltage Withstand | IS-16227 (Part 3) |



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|------|--|--|--|--|
| 396 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | (Withdrawn Standard)IS 3156 (Part 1) |
| 397 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC-61869-1 |
| 398 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC-61869-3 |
| 399 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IEC:60060-1 |
| 400 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Potential Transformer (Up to 33 KV Grade) | Wet Power Frequency Voltage Withstand | IS 2071 (Part-1) |
| 401 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Stockbridge Damper / Spacer Damper | Magnetic power loss | IS 10162 |
| 402 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Stockbridge Damper / Spacer Damper | Magnetic power loss | IS 9708 |
| 403 | ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES | Wrought Al.Wire | Resistance / Conductivity / Resistivity | IS 3635 |
| 404 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand) | Bend | IS 1599 |
| 405 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand) | Elongation% | IS 1608 part 1 |



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|------|--|--|--|--|
| 406 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand) | Ultimate Tensile Strength | IS 1608-Part 1 |
| 407 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand) | Yield Strength | IS 1608 -Part 1 |
| 408 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Dimension Verification | IS 1755 |
| 409 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Dimension Verification | IS 280 |
| 410 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Dimension Verification | IS 5561 |
| 411 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Dimension Verification | IS 5584 |
| 412 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Dimension Verification | IS 739 |
| 413 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Freedom from Defects | IS 1755 |
| 414 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Freedom from Defects | IS 280 |
| 415 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Freedom From Defects | IS 5561 |
| 416 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Freedom From Defects | IS 5584 |
| 417 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Freedom from Defects | IS 739 |



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| Accreditation Standard | ISO/IEC 17025:2017 | | |
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| Validity | 26/12/2019 to 25/12/2021* | Last Amended on | 21/10/2021 |

*The validity is extended for one year up to 25.12.2022

| 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 |
|------|--|---|--|--|
| 418 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Torsion | IS 1755 |
| 419 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Torsion | IS 280 |
| 420 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Torsion | IS 5561 |
| 421 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Torsion | IS 5584 |
| 422 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Torsion | IS 739 |
| 423 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Wrapping | IS 1755 |
| 424 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Wrapping | IS 280 |
| 425 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Wrapping | IS 5561 |
| 426 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Wrapping | IS 5584 |
| 427 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | (Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector) | Wrapping | IS 739 |
| 428 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA Conductor | Breaking Load of All Individual Al. Wire | IS 398 (Part 1) |
| 429 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | BREAKING LOAD OF ALL INDIVIDUAL AL. WIRES. | BS 215-1 |
| 430 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | BREAKING LOAD OF INDIVIDUAL WIRES | ASTM B-524 |



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|------|--|------------------------------|--|--|
| 431 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA Conductor | Diameter of Individual Wire (Al.) | IS 398 (Part 1) |
| 432 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | FREEDOM FROM DEFECT | IEC 61089 |
| 433 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | Freedom from defects | BS 215-1 |
| 434 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA Conductor | Freedom from Defects | IS 398 (Part 1) |
| 435 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA Conductor | Lay Ration | IS 398 (Part 1) |
| 436 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | MEASUREMENT OF DIA OF INDIVIDUAL WIRE(AI) | BS 215-1 |
| 437 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | MEASUREMENT OF DIA OF INDIVIDUAL WIRE(AL.) | IEC 61089 |
| 438 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | MEASUREMENT OF LAY RATIO | ASTM B-524 |
| 439 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | MEASUREMENT OF LAY RATIO | BS 215-1 |
| 440 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | WRAPPING TEST | BS 215-1 |
| 441 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AA CONDUCTOR | WRAPPING TEST(AL.) | ASTM B-524 |
| 442 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAA Conductors | Breaking Load of All Individual Al. Wires. | IS 398 (Part 4) |
| 443 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAA Conductors | Diameter of Individual Wire (Al.) | IS 398 (Part 4) |



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| 444 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAA Conductors | Elongation | IS 398 (Part 4) |
| 445 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAA Conductors | Freedom From Defects | IS 398 (Part 4) |
| 446 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAA Conductors | Lay Ratio | IS 398 (Part 4) |
| 447 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAAC CONDUCTOR | FREEDOM FROM DEFECTS | BS 3242 |
| 448 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | AAAC Conductor | Measurement of Dia of Individual Wire(Al.) | ASTM B-399 |
| 449 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductor | Freedom from Defects | IS 398 (Part 2) |
| 450 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | BREAKING LOAD OF ALL INDIVIDUAL AL./STEEL WIRE. | ASTM B-232 |
| 451 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | BREAKING LOAD OF ALL INDIVIDUAL AL./STEEL WIRE. | ASTM B-711 |
| 452 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | BREAKING LOAD OF ALL INDIVIDUAL AL./STEEL WIRE. | BS 215-2 |
| 453 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | BREAKING LOAD OF ALL INDIVIDUAL AL./STEEL WIRE. | SS 4240814 |
| 454 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductor | Diameter of Individual Wire (Al. & Steel) | IS 398 (Part 2) |
| 455 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductor | Diameter of Individual Wire (Al. & Steel) | IS 398 (Part 5) |
| 456 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | DUCTILITY(ELONGATION/TORSION) | ASTM B-232 |



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| 457 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | DUCTILITY(ELONGATION/TORSION) | ASTM B-711 |
| 458 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | DUCTILITY(ELONGATION/TORSION) | BS 215-2 |
| 459 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | DUCTILITY(ELONGATION/TORSION) | IEC 61089 |
| 460 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | DUCTILITY(ELONGATION/TORSION) | SS 4240814 |
| 461 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Freedom from defect | ASTM B-232 |
| 462 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Freedom from defect | ASTM B-711 |
| 463 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Freedom from defect | BS 215-2 |
| 464 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Freedom from defect | IEC 61089 |
| 465 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Freedom from defect | SS 4240814 |
| 466 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductor | Freedom from Defects | IS 398 (Part 5) |
| 467 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | ASTM B-711 |
| 468 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | ATM B-232 |
| 469 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | BS-215-2 |



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|------|--|------------------------------|--|--|
| 470 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | IEC 61089 |
| 471 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | IEC 61089 |
| 472 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | Measurement of Dia. Of Individual Wire (Al. & Steel) | SS 4240814 |
| 473 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | MEASUREMENT OF LAY RATIO | ASTM B-232 |
| 474 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | MEASUREMENT OF LAY RATIO | ASTM B-711 |
| 475 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | MEASUREMENT OF LAY RATIO | BS 215-2 |
| 476 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | MEASUREMENT OF LAY RATIO | IEC 61089 |
| 477 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | MEASUREMENT OF LAY RATIO | SS 4240814 |
| 478 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | STRESS -STRAIN ON CONDUCTOR | BS EN 50182 |
| 479 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | STRESS -STRAIN ON STEEL | BS EN 50182 |
| 480 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | SURFACE CONDITION | ASTM B-232 |
| 481 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | SURFACE CONDITION | ASTM B-711 |
| 482 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | SURFACE CONDITION | BS 215-2 |



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| 483 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | SURFACE CONDITION | IEC 61089 |
| 484 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | SURFACE CONDITION | SS 4240814 |
| 485 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | ULTIMATE BREAKING LOAD | ASTM B-232 |
| 486 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | ULTIMATE BREAKING LOAD | ASTM B-711 |
| 487 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | ULTIMATE BREAKING LOAD | BS 215-2 |
| 488 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | ULTIMATE BREAKING LOAD | IEC 61089 |
| 489 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | WRAPPING(AL & STEEL) | ASTM B-232 |
| 490 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | WRAPPING(AL & STEEL) | ASTM B-711 |
| 491 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | WRAPPING(AL & STEEL) | BS 215-2 |
| 492 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR CONDUCTOR | WRAPPING(AL & STEEL) | IEC 61089 |
| 493 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Breaking Load of All Individual Al./Steel Wire | IS 398 (Part 2) |
| 494 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Breaking Load of All Individual Al.Steel Wire | IS 398 (Part 5) |
| 495 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Ductility (Elongation /Torsion) | IS 398 (Part 5) |



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| 496 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Ductility (Elongation/Torsion) | IS 398 (Part 2) |
| 497 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Measurement of Lay Ration | IS 398 (Part 2) |
| 498 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Measurement of Lay Ration | IS 398 (Part 5) |
| 499 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Stress -Strain on Steel Core | IS 398 (Part 2) |
| 500 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Stress-Strain on Conductor | IS 398 (Part -2) |
| 501 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Surface Condition | IS 398 (Part 2) |
| 502 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Surface Condition | IS 398 (Part 5) |
| 503 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Ultimate Breaking Load | IS 398 (Part 2) |
| 504 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Ultimate Breaking Load | IS 398 (Part 5) |
| 505 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Wrapping (Al. & Steel) | IS 398 (Part 2) |
| 506 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | ACSR Conductors | Wrapping (Al. & Steel) | IS 398 (Part 5) |
| 507 | MECHANICAL- MECHANICAL PROPERTIES OF METALS | Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand | Bend | IS 1608 (Part-1) |



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|------|--|--|--|--|
| 508 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Cast iron , Structural Steel , Steel Tube & Al & Al alloy Sheet & strip , Deformed Steel Bars & Wires , Mild Steel Wire , Wrought Al, Al Alloy Wire , EC Grade Al Rod, Earth Wire , Power Connector , Barded Wire Galvanized Stay Strand | Mass/Meter | IS 1608, Part 1 |
| 509 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Cast iron, Structural Steel, Steel Tube & Al & Al alloy Sheet & strip, Deformed Steel Bars & Wires, Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector, Barded Wire Galvanized Stay Strand | Elongation% | IS 1599 |
| 510 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Cast iron, Structural Steel, Steel Tube & Al & Al alloy Sheet & strip, Deformed Steel Bars & Wires, Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector, Barded Wire Galvanized Stay Strand | Mass/Meter | IS 1599 |
| 511 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Cast iron, Structural Steel, Steel Tube & Al & Al alloy Sheet & strip, Deformed Steel Bars & Wires, Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector, Barded Wire Galvanized Stay Strand | Ultimate Tensile Strength | IS 1599 |
| 512 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Cast iron, Structural Steel, Steel Tube & Al & Al alloy Sheet & strip, Deformed Steel Bars & Wires, Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector, Barded Wire Galvanized Stay Strand | Yield Strength | IS 1599 |
| 513 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Chain Pulley Block | Proof Load | IS 3832 |
| 514 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | BEND | BS 3288-1 |
| 515 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | BEND | IEC 61284 |
| 516 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Bend | IS 2121 (Part 1) |
| 517 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | CLAMP SLIP STRENGTH | BS 3288-1 |
| 518 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | CLAMP SLIP STRENGTH | IEC 61284 |
| 519 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Clamp Slip Strength | IS 2121 (Part 1) |



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| 520 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Clamp Slip Strength | IS 2121 (Part 3) |
| 521 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | FAILING LOAD | BS 3288-1 |
| 522 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | FAILING LOAD | IEC 61284 |
| 523 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Failing Load | IS 2121 (Part 2) |
| 524 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | MECHANICAL STRENGTH | BS 3288-1 |
| 525 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | MECHANICAL STRENGTH | IEC 61284 |
| 526 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Mechanical Strength | IS 2121 (Part 3) |
| 527 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | Resilience | BS 3288-1 |
| 528 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | RESILIENCE | IEC 61284 |
| 529 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Resilient | IS 2121 (Part 1) |
| 530 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | TENSILE STRENGTH | BS 3288-1 |
| 531 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | TENSILE STRENGTH | IEC 61284 |
| 532 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Tensile Strength | IS 2121 (Part 1) |



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| Laboratory Name : | TESTING LABORATORY, NSIC TECHNICAL SERVICE CENTER (A GOVT. OF INDIA ENTERPRISE), JAPANIGATE, P.O. BALITIKURI, HOWRAH, WEST BENGAL, INDIA | | |
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| Validity | 26/12/2019 to 25/12/2021* | | |

*The validity is extended for one year up to 25.12.2022

| 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 |
|------|--|--------------------------------------|--|--|
| 533 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | VERIFICATION OF DIMENSION | IEC 61284 |
| 534 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Verification of Dimension | IS 2121 (Part 1) |
| 535 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Verification of Dimension | IS 2121 (Part 2) |
| 536 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Verification of Dimension | IS 2121 (Part 3) |
| 537 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | VERIFICATION OF DIMENSIONS | BS 3288-2 |
| 538 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | VISUAL EXAMINATION | BS 3288-2 |
| 539 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | Visual examination | IEC 61284 |
| 540 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Visual Examination | IS 2121 (Part 1) |
| 541 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Visual Examination | IS 2121 (Part 2) |
| 542 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Visual Examination | IS 2121 (Part 3) |
| 543 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | WRAPPING | BS 3288-1 |
| 544 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | CONDUCTOR AND EARTH WIRE ACCESSORIES | WRAPPING | IEC 61284 |
| 545 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Conductor and Earth Wire Accessories | Wrapping | IS 2121 (Part 1) |



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| 546 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Couplers | Distortion | IS 2750 |
| 547 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Couplers | Slip | BS EN74-1 |
| 548 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Earth Wire | Breaking Force | IS 12776 |
| 549 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Earth Wire | Diameter of Individual Wire | IS 12776 |
| 550 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Barbed Wire | Dimension Verification | IS 278 |
| 551 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Barbed Wire | Ductility (Wrapping) | IS 278 |
| 552 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Barbed Wire | Freedom from Defects | IS 278 |
| 553 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Barbed Wire | Mass of Wire | IS 278 |
| 554 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Diameter of Individual Wire | IS 1755 |
| 555 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Diameter of Individual Wire | IS 2141 |
| 556 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Diameter of Individual Wire | IS 6594 |
| 557 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Ductility(Torsion/Wrapping) | IS 1755 |
| 558 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Ductility(Torsion/Wrapping) | IS 2141 |



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| 559 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Ductility(Torsion/Wrapping) | IS 6594 |
| 560 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Freedom From Defects | IS 1755 |
| 561 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Freedom From Defects | IS 2141 |
| 562 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Freedom From Defects | IS 6594 |
| 563 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Lay Ratio | IS 1755 |
| 564 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Lay Ratio | IS 2141 |
| 565 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Galvanized Stay Strand | Lay Ratio | IS 6594 |
| 566 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | DEFLECTION | BS 3288-1 |
| 567 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | DEFLECTION | IEC 61284 |
| 568 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | MECHANICAL STRENGTH | BS 3288-1 |
| 569 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | MECHANICAL STRENGTH | IEC 61284 |
| 570 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | SLIP STRENGTH | BS 3288-1 |
| 571 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | SLIP STRENGTH | IEC 61284 |



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| 572 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATOR | VISUAL EXAMINATION | IEC 61284 |
| 573 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metal Fittings of Insulators | Deflection | IS 2486 (Part 1) |
| 574 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metal Fittings of Insulators | Mechanical Strength | IS 2486 (Part 1) |
| 575 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metal Fittings of Insulators | Slip Strength | IS 2486 (Part 1) |
| 576 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATORS | VERIFICATION OF DIMENSION | BS 3288-2 |
| 577 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATORS | VERIFICATION OF DIMENSION | IEC 61284 |
| 578 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metal Fittings of Insulators | Verification of Dimension | IS 2486 (Part 2) |
| 579 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | METAL FITTINGS OF INSULATORS | VISUAL EXAMINATION | BS 3288-1 |
| 580 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Metal Fittings of Insulators | Visual Examination | IS 2486 (Part 1) |
| 581 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Mild Steel Wire , Wrought Al , Al Alloy Wire , EC Grade Al Rod , Earth Wire , Power Connector | Dimension Verification | IS 1608 (Part-1) |
| 582 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector | Freedom from Defects | IS 1608 (Part 1) |
| 583 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector | Torsion | (Withdrawn Standard) IS 1608 |
| 584 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Mild Steel Wire, Wrought Al, Al Alloy Wire, EC Grade Al Rod, Earth Wire, Power Connector | Wrapping | (Withdrawn Standard) IS 1608 |



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| 585 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Point Hook with Shank | Proof Load | IS 15560 |
| 586 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non Return Valve | Hydraulic | IS 13095 |
| 587 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non Return Valve | Hydraulic | IS 14846 |
| 588 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non Return Valve | Hydraulic | IS 5312 (Part 1) |
| 589 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non Return Valve | Verification of Dimension | IS 13095 |
| 590 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non Return Valve | Verification of Dimension | IS 5312 (Part-1) |
| 591 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Sluice Valve , Butterfly Valve , Swing Check Type , Non-Return Valve | Verification of Dimension | IS 14846 |
| 592 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | ASSEMBLY TORQUE TEST | IEC 61854 |
| 593 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | ASSEMBLY TORQUE TEST | IS 10162 |
| 594 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | CLAMP BOLT TORQUE TEST | IEC 61854 |
| 595 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | CLAMP BOLT TORQUE TEST | IS 10162 |
| 596 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | VERIFICATION OF DIMENSION | IEC 61854 |
| 597 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | VERIFICATION OF DIMENSION | IS 10162 |



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| 598 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | VISUAL EXAMINATION | IEC 61854 |
| 599 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | SPACER DAMPER | VISUAL EXAMINATION | IS 10162 |
| 600 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | Steel Wire Rope | Breaking Force | IS 2266 |
| 601 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | CLAMP BOLT TORQUE TEST | IEC 61897 |
| 602 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | CLAMP BOLT TORQUE TEST | IS 9708 |
| 603 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | MASS PULL OFF | IEC 61897 |
| 604 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | MASS PULL OFF | IS 9708 |
| 605 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | VERIFICATION OF DIMENSION | IEC 61897 |
| 606 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | VERIFICATION OF DIMENSION | IS 9708 |
| 607 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | VISUAL EXAMINATION | IEC 61897 |
| 608 | MECHANICAL-MECHANICAL PROPERTIES OF METALS | VIBRATION DAMPER | VISUAL EXAMINATION | IS 9708 |