

Laboratory	Amit Test And Calibration Centre, 19/168, Sarai Rohilla, Old Rohtak Road, New Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Electrical Testing	Issue Date	18.03.2015
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	CABLES AND ACCESSORIES			
1.	PVC Insulated (Heavy duty) Electric Cables for Working Voltage up to and Including 1100 V	Annealing Test for Copper Conductor	IS 8130: 1984 IS 10810 (Part 1): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Tensile Strength for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 2): 1984 (RA 2006)	1N to 2500 N 1 N 10 N to 50000 N 10 N
		Wrapping Test for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 3): 1984 (RA 2006)	Qualitative
		Conductor Resistance	IS 8130: 1984 IS 10810 (Part 5): 1984 (RA 2006)	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
		Thickness of Insulation & Sheath	IS 10810 (Part 6): 1984 (RA 2006)	0.01 mm to 150 mm LC 0.01 mm
		Tensile Strength & Elongation at Break of Insulation & Sheath	IS 5831: 1984 IS 10810 (Part 7): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Loss of Mass Test	IS 5831: 1984 IS 10810 (Part 10): 1984 (RA 2006)	0 to 2 mg/cm ²
		Ageing in Air Oven	IS 5831: 1984 IS 10810 (Part 11): 1984 (RA 2006)	Ambient - 300 °C 0.1 °C

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	PVC Insulated (Heavy Duty) Electric Cables for Working Voltage up to and including 1100 Volts.	Shrinkage Test	IS 5831: 1984 IS 10810 (Part 12): 1984 (RA 2006)	0 to 10 %
		Heat Shock Test	IS 5831: 1984 IS 10810 (Part 14): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Hot Deformation Test	IS 5831: 1984 IS 10810 (Part 15): 1984 (RA 2006)	0 to 50 %
		Thermal Stability	IS 5831: 1984 IS 10810 (Part 60): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Insulation Resistance	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	1 to 100x10 ⁶ MΩ 0.2 MΩ
		Volume Resistivity At 27 ⁰ At 70 ⁰	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	0.2 to 100x10 ⁶ M Ω 0.2 MΩ
		Flammability Test	IS 10810 (Part 53): 1984 (RA 2006)	20 mm to 600 mm 1 mm
		Armour Resistance Test	IS 10810 (Part 42) (RA 2006)	0.2 μΩ to 1.1 μΩ
		High Voltage Test (AC)	IS 10810 (Part 45): 1984 (RA 2006)	0.01 kV to 10 kV 0.01 kV
		High Voltage Test (DC)	IS 10810 (Part 45): 1984 (RA 2006)	0.05 kV to 3 kV 0.05 kV

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	PVC Insulated (Heavy Duty) Electric Cables for Working Voltage up to and Including 1100 Volts.	Cold Bend Test	IS 5831: 1984 IS 10810 (Part 20): 1984 (RA 2006)	(-)20 °C to 50 °C 0.1 °C
		Cold Impact Test	IS 5831: 1984 IS 10810 (Part 21): 1984 (RA 2006)	(-)20 °C to 50 °C 0.1 °C
		Dimension for Armouring Material	IS 10810 (Part 36): 1984 (RA 2006)	0.01 mm to 25 mm 0.01 mm
		Tensile Strength & Elongation at Break of Armouring Material	IS 10810 (Part 37): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Torsion Test on Galvanised Steel Wire for Armouring	IS 10810 (Part 38): 1984 (RA 2006)	Qualitative
		Winding Test on Galvanised Steel Strips for Armouring	IS 10810 (Part 39): 1984 (RA 2006)	Qualitative
		Uniformity of Zinc Coating	IS 10810 (Part 40): 1984 (RA 2006)	Qualitative
		Mass of Zinc Coating	IS 10810 (Part 41): 1984 (RA 2006)	0.01 mg/m ² to 100 gm/m ² 0.01 mg/m ²
		Resistivity & Conductance Test of Armour (Wires/Strips)	IS 10810 (Part 42): 1984 (RA 2006)	14.6 x 10 ⁻⁶ Ωcm. 0.5 M Ω to 0.9 M Ω
		Oxygen Index Test	IS 10810 (Part 58): 1984 (RA 2008)	Ambient to 300 °C 0.1 °C

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	PVC Insulated (Heavy Duty) Electric Cables for Working Voltage up to and Including 1100 V	Flame Retardance Test on Single Cable	IS 10810 (Part 61): 1984 (RA 2010)	1 mm to 1000 mm 1 mm
		Halogen Acid Gas	IS 10810 (Part 59): 1984 (RA 2010)	0 to 20 %
		Temperature Index Test	IS 10810 (Part 64): 1984 (RA 2008)	Ambient to 300°C 0.1°C
		Flame Retardance Test on Bunched Cables	IS 10810 (Part 62): 1984	0.1 kg/cm ² to 4.2 kg/cm ² 0.1 kg/cm ²
		Smoke Density	ASTM D 2843: 1999	0.01 V to 18 V 0.01 V
2.	Aerial Bunched Cables- for Working Voltage up to and Including 1100 V	Tensile Strength for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 2): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Wrapping Test for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 3): 1984 (RA 2006)	Qualitative
		Conductor Resistance	IS 8130: 1984 IS 10810 (Part 5): 1984 (RA 2006)	2 μΩ to 1.1 Ω 2 μΩ
		Test on Messenger Conductor Breaking Load Elongation Test	IS 14255: 1995	0.01 kN to 50 kN 10 N
		Thickness of Insulation	IS 10810 (Part 6): 1984 (RA 2006)	0.01 mm to 150 mm LC 0.01 mm

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	Aerial Bunched Cables- for Working Voltage up to and Including 1100 V	Tensile Strength & Elongation at Break of Insulation	IS 5831: 1984 IS 10810 (Part 7): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Ageing in Air Oven	IS 5831: 1984 IS 10810 (Part 11): 1984 (RA 2006)	Ambient - 300 °C 0.1 °C
		Hot Set Test	IS 10810 (Part 30): 1984 (RA 2006)	Ambient - 250 °C 0.1°C
		Shrinkage test	IS 5831: 1984 IS 10810 (Part 12): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Water Absorption (Gravimetric)	IS 10810 (Part 33) (RA 2006)	0 to 1 mg/cm ²
		Insulation Resistance (Volume Resistivity)	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	1 to 100x10 ⁶ MΩ 0.2 MΩ
		High voltage Test (AC)	IS 10810 (Part 45): 1984 (RA 2006)	0.01 kV to 10kV 0.01 kV
		Carbon Black Test for Polyethylene and XLPE	IS 10810 (Part 32): 1984	By Mass (2.5 (±) 0.5) % Rating 4 Max.
		1) Content		
		2) Dispersion		

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3.	PVC Insulated Cables for Working Voltages up to and Including 1100 V	Annealing Test for Copper Conductor	IS 8130: 1984 IS 10810 (Part 1): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Tensile Strength for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 2): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Wrapping Test for Aluminium Conductor	IS 8130:1984 IS 10810 (Part 3): 1984 (RA 2006)	Qualitative
		Conductor Resistance	IS 8130:1984 IS 10810 (Part 5): 1984 (RA 2006)	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
		Thickness of Insulation & Sheath	IS 10810 (Part 6): 1984 (RA 2006)	0.01 mm to 150 mm LC 0.01 mm
		Tensile Strength & Elongation at Break of Insulation & Sheath	IS 5831: 1984 IS 10810 (Part 7): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Loss of Mass Test	IS 5831:1984 IS 10810 (Part 10): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Ageing in Air Oven	IS 5831:1984 IS 10810 (Part 11): 1984 (RA 2006)	Ambient - 300 °C 0.1 °C
		Shrinkage Test	IS 5831: 1984 IS 10810 (Part 12): 1984 (RA 2006)	Ambient 0.1 °C

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	PVC Insulated Cables for Working Voltages up to and Including 1100 V	Heat Shock Test	IS 5831: 1984 IS 10810 (Part 14): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Hot Deformation Test	IS 5831: 1984 IS10810 (Part 15): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Insulation Resistance	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	1 to 100x10 ⁶ MΩ 0.2 MΩ
		Volume Resistivity	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	0.2 to 100x10 ⁶ MΩ 0.2 MΩ
		Flammability Test	IS 10810 (Part 53): 1984 (RA 2006)	20 mm to 600 mm 1 mm
		Additional Ageing Tests	IS 694 Clause No. 6.6	Qualitative
		High Voltage Test (AC) Water Immersion	IS 10810 (Part 45): 1984 (RA 2006)	0.01 kV to 10 kV 0.01KV
		High Voltage Test (DC) Water Immersion	IS 10810 (Part 45): 1984 (RA 2006)	0.05 kV to 3 kV 0.05 kV
		Cold Bend Test	IS 5831: 1984 IS 10810 (Part 20): 1984 (RA 2006)	(-) 20 °C to 50 °C 0.1 °C
		Cold Impact Test	IS 5831: 1984 IS 10810 (Part 21): 1984 (RA 2006)	(-) 20 °C to 50 °C 0.1 °C

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	PVC Insulated Cables for Working Voltages up to and Including 1100 V	Oxygen Index Test	IS 10810 (Part 58): 1984 (RA 2008)	Ambient – 300 °C 0.1 °C
		Halogen Acid Gas	IS 10810(Part 59): 1984 (RA 2010)	Ambient – 1000 °C 1 °C
		Temperature Index Test	IS 10810 (Part 64): 1984 (RA 2008)	Ambient – 300 °C 0.1 °C
		Persulphate Test	IS 10810 (Part 4): 1984	0.01 mg to 100 mg 0.01 mg
		Smoke Density	ASTM D 2843	0.01 V to 18 V 0.01 V
4.	Cross Linked Polyethylene Insulated PVC Sheathed cables for Working Voltages up to & Including 1100 V	Annealing Test for Copper Conductor	IS 8130: 1984 IS 10810 (Part 1): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Tensile Strength for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 2): 1984 (RA 2006)	1N to 2500 N 1 N 10 N to 50000 N 10 N
		Wrapping Test for Aluminium Conductor	IS 8130: 1984 IS 10810 (Part 3): 1984 (RA 2006)	Qualitative
		Conductor Resistance	IS 8130: 1984 IS 10810 (Part 5): 1984 (RA 2006)	2 µΩ to 1.1 Ω 2 µΩ
		Thickness of Insulation & Sheath	IS 10810 (Part 6): 1984 (RA 2006)	0.01 mm to 150 mm LC 0.01 mm

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	Cross Linked Polyethylene Insulated PVC Sheathed Cables for Working Voltages up to & Including 1100 V	Tensile Strength & Elongation at Break of Insulation & Sheath	IS 5831: 1984 IS 10810 (Part 7): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000N 10 N
		Loss of Mass Test	IS 5831: 1984 IS 10810 (Part 10): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Ageing in Air Oven	IS 5831: 1984 IS 10810 (Part 11): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Hot Set Test	IS 10810 (Part 30): 1984 (RA 2006)	Ambient - 250 °C 0.1 °C
		Shrinkage Test	IS 5831: 1984 IS 10810 (Part 12): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Heat Shock Test	IS 5831: 1984 IS 10810 (Part 14): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Hot Deformation Test	IS 5831: 1984 IS 10810 (Part 15): 1984 (RA 2006)	Ambient – 300 °C 0.1 °C
		Water Absorption (Gravimetric)	IS 10810 (Part 33) (RA 2006)	0.001 bar-1bar 0.001bar 1 °C to 200 °C 1 °C

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	Cross Linked Polyethylene Insulated PVC Sheathed Cables for Working Voltages up to & Including 1100 V	Thermal Stability (for Sheath)	IS 5831: 1984 IS 10810 (Part 60): 1984 (RA 2010)	20 min to 150 min
		Insulation resistance (Volume Resistivity)	IS 5831: 1984 IS 10810 (Part 43): 1984 (RA 2006)	1 - 100x10 ⁶ MΩ 0.2 MΩ
		Flammability Test	IS 10810 (Part 53): 1984 (RA 2006)	20 mm to 600 mm 1 mm
		Armour Resistance Test	IS10810 (Part 42) (RA 2006)	2 μΩ to 1.1 Ω 2 μΩ
		High Voltage Test (AC)	IS 10810 (Part 45): 1984 (RA 2006)	0.01 kV to 10 kV 0.01 kV
		Cold Bend Test	IS 5831: 1984 IS 10810 (Part 20): 1984 (RA 2006)	(-)20 °C to 50 °C 0.1 ⁰ C
		Cold Impact Test	IS 5831: 1984 IS 10810 (Part 21): 1984 (RA 2006)	(-)20 °C to 50 °C 0.1 ⁰ C
		Dimension for Armouring Material	IS 10810 (Part 36): 1984 (RA 2006)	0.01 mm to 25 mm 0.01 mm 0.001 mm to 25 mm 0.001 mm
		Tensile Strength & Elongation at Break of Armouring Material	IS 10810 (Part 37): 1984 (RA 2006)	1 N to 2500 N 1 N 10 N to 50000 N 10 N

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	Cross Linked Polyethylene Insulated PVC Sheathed Cables for Working Voltages up to & Including 1100 V	Torsion test on Galvanised Steel Wire for Armouring	IS 10810 (Part 38): 1984 (RA 2006)	Qualitative
		Winding test on Galvanised Steel strips for Armouring	IS 10810 (Part 39): 1984 (RA 2006)	Qualitative
		Uniformity of Zinc Coating	IS 10810 (Part 40): 1984 (RA 2006)	Qualitative
		Mass of Zinc coating	IS 10810 (Part 41): 1984 (RA 2006)	0.01 mg to 100 mg 0.01 mg
		Resistivity & Conductance Test of Armour (Wires/strips)	IS 10810 (Part 42): 1984 (RA 2006)	$14.6 \times 10^{-6} \Omega \text{cm}$ 0.5 M Ω to 0.9 M Ω
		Oxygen Index Test	IS 10810 (Part 58): 1984 (RA 2008)	Ambient -300 °C 0.1 °C
		Flame Retardance Test on Single Cable	IS 10810 (Part 61): 1984 (RA 2010)	1 mm to 1000 mm 1 mm
		Halogen Acid Gas	IS 10810 (Part 59): 1984 (RA 2010)	Ambient -1000 °C 1 °C
		Temperature Index Test	IS 10810 (Part 64): 1984 (RA 2008)	Ambient -300 °C 0.1 °C
		Flame Retardance Test on Bunched Cables	IS 10810 (Part 62): 1984	0.1 kg/cm ² to 4.2 kg/cm ² 0.1 kg/cm ²
		Smoke Density	ASTM D 2843	0.01 V to 18 V 0.01 V

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5.	Elastomer Insulated Cables for Working Voltages upto and Including 1100 V	Persulphate Test for Copper	IS 8130: 1984 IS 10810 (Part 4): 1984	0.01 mg to 100 g 0.01 mg
		Annealing test for copper	IS 8130: 1984 IS 10810 (Part 1): 1984	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Tensile Test for Aluminium	IS 8130: 1984 IS 10810 (Part 2): 1984	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Wrapping Test for Aluminum	IS 8130: 1984 IS 10810 (Part 3): 1984	Qualitative
		Conductor Resistance Test	IS 8130: 1984 IS 10810 (Part 5): 1984	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
		Test for Thickness of Insulation and Sheath and Overall Diameter	IS 10810 (Part 6): 1984	0.5 mm to 150 mm 0.5 mm
		Tensile Strength and Elongation at Break	IS 6380: 1984 IS 10810 (Part 7): 1984	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Ageing in Air Oven	IS 6380: 1984 IS 10810 (Part 11): 1984	0.1 °C to 300 °C 0.1 °C
		Ageing in Air Bomb	IS 6380: 1984 IS 10810 (Part 56): 1984	0.1 °C to 300 °C 0.1 °C

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	Elastomer Insulated Cables for Working Voltages upto and Including 1100 V	Ageing in Oxygen Bomb	IS 6380: 1984 IS 10810 (Part 16): 1984	0.1 °C to 300 °C 0.1 °C
		Hot Set	IS 6380: 1984 IS 10810 (Part 30): 1984	0.1 ⁰ C to 250 ⁰ C 0.1 ⁰ C
		Oil Resistance	IS 6380: 1984 IS 10810 (Part 31): 1984	0.1 ⁰ C to 250 ⁰ C 0.1 °C
		Tear Resistance	IS 6380: 1984 IS 10810 (Part 17): 1984	0.001 kN to 2.5 kN 1 N
		Insulation Resistance	IS 6380: 1984 IS 10810 (Part 17): 1984	1 to 100x10 ⁶ MΩ 0.2 MΩ
		High Voltage (Water Immersion) Test	IS 10810 (Part 45): 1984	0.01 kV to 10 kV 0.01 kV
		Flammabilty Test	IS 10810 (Part 53): 1984	20 mm to 600 mm 1 mm
		Water Absorption Test (Electrical)	IS 6380: 1984 IS 10810 (Part 28): 1984	1 pF to 1100 μF 1 pF
		Cord Flexing Test	IS 9968 (Part 1): 1988 Clause No. 22.4	0 to 999999 (Counts) 1 Counts
6.	Welding Cables	Annealing Test	IS 8130: 1984 IS 10810 (Part 1): 1984	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Conductor Resistance Test	IS 8130: 1984 IS 10810 (Part 5): 1984	2 μΩ to 1.1 Ω 2 μΩ

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	Welding Cables	Test for Thickness of Covering	IS 10810 (Part 6): 1984	0.5 mm to 150 mm 0.5 mm
		Tensile Strength and Elongation at Break	IS 6380: 1984 IS 10810 (Part 7): 1984	1 N to 2500 N 1 N 10 N to 50000 N 10 N
		Ageing in Air Oven	IS 6380: 1984 IS 10810 (Part 11): 1984	Ambient – 300 °C 0.1 °C
		Ageing in Air Bomb	IS 6380: 1984 IS 10810 (Part 56): 1984	0.1 °C to 300 °C 0.1 °C
		Oil Resistance	IS 6380: 1984 IS 10810 (Part 31): 1984	Ambient - 250 °C 0.1 °C
		Hot Set	IS 6380: 1984 IS 10810 (Part 30): 1984	Ambient – 250 °C 0.1 °C
		High Voltage (Water Immersion Test) Water Bath	IS 10810 (Part 45): 1984	0.01 kV to 10kV 0.01 kV 0 to 250 °C 0.1 °C
		Flammability Test	IS 10810 (Part 53): 1984	20 mm to 1000 mm 1 mm
		Static Flexibility Test	IS 10810 (Part 54): 1984	1 mm to 600 mm 1 mm

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7.	Aluminium Conductors for Overhead Transmission Purposes Aluminium Stranded Conductors	Measurement of Diameter of Aluminium Wire	IS 8130: 1984	0.01 mm to 25 mm 0.01 mm 0.001 mm to 25 mm 0.001 mm
		Wrapping Test	IS 8130: 1984 IS 10810 (Part 3): 1984	Qualitative
		Conductor Resistance Test	IS 8130: 1984 IS 10810 (Part 5): 1984	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
		Measurement of Lay Ratio	IS 398 (Part 1):1996 Clause No. 3.4	1 mm to 300 mm 1 mm
		Breaking Load Test of Individual Aluminum wire	IS 8130: 1984	0.001 kN to 2.5 kN 1 N 0.01 kN to 50kN 10 N
8.	Aluminium Conductors for Overhead Transmission Purposes Aluminium Conductors, Galvanized Steel - Reinforced	Test for Ultimate Breaking Load on Stranded Conductor	IS 8130: 1984	0.001 kN to 2.5 kN 1 N 0.01 kN to 50 kN 10 N
		Wrapping Test	IS 8130: 1984 IS 10810 (Part 3): 1984	0 to 999999 Counts. 1 Count.
		Conductor Resistance Test	IS 8130: 1984 IS 10810 (Part 5): 1984	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
		Measurement of Lay Ratio	IS 398 (Part 2): 1996 Clause No. 3.4	1 mm to 300 mm 1 mm

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	Aluminium Conductors for Overhead Transmission Purposes	Breaking Load Test of Individual Wires	IS 8130: 1984	0.001 kN to 2.5 kN 1 N 0.01 kN to 50 kN 10 N
	Aluminium Conductors, Galvanized Steel - Reinforced	Ductility Test	IS 398 (Part 2): 1996 Clause No. 13.4	0.01 kN to 50 kN 10 N 0 to 10 %
		Measurement of Diameter of Aluminium and Steel Wires	IS 398 (Part 2): 1996 Clause No. 3.2	0.01 mm to 25 mm 0.01 mm 0.001 mm to 25 mm 0.001 mm
		Galvanizing Test Uniformity of Zinc Coating Weight of Zinc Coating	IS 4826: 1979	0.01 mg to 100 mg 0.01 mg
9.	Aluminium Conductors for Overhead Transmission Purposes	Conductor Resistance Test	IS 8130: 1984 IS 10810 (Part 5): 1984	2 $\mu\Omega$ to 1.1 Ω 2 $\mu\Omega$
	Aluminium Alloy Stranded Conductors	Measurement of Lay Ratio	IS 398 (Part 4):1994 Clause No. 3.1.4	1 mm to 300 mm 1 mm
		Breaking Load of Aluminium Wire	IS 8130: 1984	0.001 kN to 2.5 kN 1 N 0.01 kN to 50 kN 10 N
		Elongation Test	IS 8130: 1984	0.5 mm to 150 mm 0.5 mm

Laboratory	Amit Test And Calibration Centre, 19/168, Sarai Rohilla, Old Rohtak Road, New Delhi		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Electrical Testing	Issue Date	18.03.2015
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Aluminium Conductors for Overhead Transmission Purposes Aluminium Alloy Stranded Conductors	Measurement of Diameter of Aluminium Alloy Wires	IS 398 (Part 4): 1994 Clause No. 3.1.2	0.01 mm to 25 mm 0.01 mm 0.001 mm to 25 mm 0.001 mm

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