National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BIRASINI TEST HOUSE, 4/31 B , SITE-4 ,INDUSTRIAL AREA,SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Aggregate (Coarse aggregate)	Deleterious material, Coal & Lignite	IS:2386 (P-2)
2	CHEMICAL- BUILDING MATERIAL	OPC	Alumina (as Al2O3)	IS:4032
3	CHEMICAL- BUILDING MATERIAL	OPC	Calcium Oxide (as CaO)	IS:4032
4	CHEMICAL- BUILDING MATERIAL	OPC	Chloride (as Cl)	IS:4032
5	CHEMICAL- BUILDING MATERIAL	OPC	Combined Oxide (as R2O3)	IS:4032
6	CHEMICAL- BUILDING MATERIAL	OPC	Insoluble Residue	IS:4032
7	CHEMICAL- BUILDING MATERIAL	OPC	Iron (as Fe2O3)	IS:4032
8	CHEMICAL- BUILDING MATERIAL	OPC	Loss of ignition	IS:4032
9	CHEMICAL- BUILDING MATERIAL	OPC	Magnesia (as MgO)	IS:4032
10	CHEMICAL- BUILDING MATERIAL	OPC	Silica (as SiO2)	IS:4032
11	CHEMICAL- BUILDING MATERIAL	OPC	Sulfuric anhydride (as SO3)	IS:4032
12	CHEMICAL- BUILDING MATERIAL	PPC	Alumina (as Al2O3)	IS:4032
13	CHEMICAL- BUILDING MATERIAL	PPC	Calcium Oxide (as CaO)	IS:4032
14	CHEMICAL- BUILDING MATERIAL	PPC	Chloride (as Cl)	IS:4032
15	CHEMICAL- BUILDING MATERIAL	PPC	Combined Oxide (as R2O3)	IS:4032
16	CHEMICAL- BUILDING MATERIAL	PPC	Insoluble Residue	IS:4032
17	CHEMICAL- BUILDING MATERIAL	PPC	Iron (as Fe2O3)	IS:4032
18	CHEMICAL- BUILDING MATERIAL	PPC	Loss of Ignition	IS:4032

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19	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (as MgO)	IS:4032
20	CHEMICAL- BUILDING MATERIAL	PPC	Silica (as SiO2)	IS:4032
21	CHEMICAL- BUILDING MATERIAL	PPC	Sulfuric anhydride (as SO3)	IS:4032
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates	Moisture	IS 4684
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates)	Energy	IS 14433
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates)	Fat	IS 4684
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates)	Protein	IS 4684
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates)	Total ash	IS 4684
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	(Peanut, Cashew Nut, Walnut, Almond, Peanut Paste, Dry fruits, Raisins, Groundnut Kernel, Pistachio Nuts, Dates)	Carbohydrate	IS 1656
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Acid insoluble ash	IS 1009
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Carbohydrate	IS 1656
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Energy	IS 14433
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Fat	IS 12711
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Moisture	IS 2400

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33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Protein	IS 7219
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Total ash	IS 2400
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Energy	IS 14433
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Fat	IS 15271
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Moisture	IS 1011
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Protein	IS 7219
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Total ash	IS 12711
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Bread, Cakes and Cookies, Suji rusk	Total Carbohydrates	IS 1656
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Soluble Coffee Powder, Coffee, Cocoa Powder)	Loss in Mass /Moisture	IS 13853
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Soluble Coffee Powder, Coffee, Cocoa Powder)	Protein	IS 7219
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Soluble Coffee Powder, Coffee, Cocoa Powder)	Total ash	IS 13854
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Tea, Kangra Tea, Green Tea, Black Tea	Moisture	IS 13853
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Tea, Kangra Tea, Green Tea, Black Tea)	Protein	IS 7219
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	By Products (Tea, Kangra Tea, Green Tea, Black Tea)	Total ash	IS 13854

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47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, Groundnut oil, Mustard oil, Olive oil, Til oil, Soyabean oil, Almond oil, Palm oil, Rice Bran oil	Moisture	IS 548 (P-1/Sec-2)
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut oil, Groundnut oil, Mustard oil, Olive oil, Til oil, Soyabean oil, Almond oil, Palm oil, Rice Bran oil	Specific gravity	IS 548 (P-1/Sec-2)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iodized Salt, Vacuum Evaporated Iodized Salt	Moisture	IS 253, Annexure A-2
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Edible Common Salt, Iodized Salt, Vacuum Evaporated Iodized Salt	Sodium chloride	IS 253, Annexure A-5
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Energy	IS 14433
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Moisture	IS 1155
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Protein	IS 7219
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Total Ash	IS 1155
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Total Carbohydrates	IS 1656
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Grains, Cereals & Pulses (Whole & Ground) (Barley, Rice, Wheat, Wheat Atta, Maize, Urad Whole, Chana Whole, Masur Whole, Moong Whole, Arhar Dal, Moong Dal, Urad Dal, Chana Dal, Masur Dal, Cornflakes, Custard Powder, Macaroni, Vermicelli, Pasta)	Fat	IS 12711

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57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Ash	IS 4941
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Fiehe´s test	IS 4941
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey	Specific Gravity	IS 4941
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Carbohydrate	IS 1656
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Energy	IS 14433
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Fat	IS 12711
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Moisture	IS 1009
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Protein	IS 7219
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maida (Wheat flour)	Total ash	IS 1009
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen & Snacks	Carbohydrate	IS 1656
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen & Snacks	Energy	IS 14433
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen & Snacks	Fat	IS 15271
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen & Snacks	Moisture	IS 15271
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Namkeen & Snacks	Protein	IS 7219

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71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Carbohydrate	IS 1656
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Energy	IS 14433
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Fat	IS 12711
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Moisture	IS 1010
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Protein	IS 7219
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Suji (Rava)	Total ash	IS 1010
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole and Ground Powdered, Chillies, Turmeric, Black Pepper, Mixed Masala, Cardamom, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fenugreek, Ginger (Sonth), Caraway, Saffron, Ajwain	Protein	IS 7219
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole and Ground Powdered, Chillies, Turmeric, Black Pepper, Mixed Masala, Cardamom, Cinnamon, Cloves, Coriander, Cumin, Cumin Black, Fenugreek, Ginger (Sonth), Caraway, Saffron, Ajwain	Total ash	IS 1797
79	CHEMICAL- METALS & ALLOYS	Copper	Bismuth	IS 440
80	CHEMICAL- METALS & ALLOYS	Copper	Lead	IS 440
81	CHEMICAL- METALS & ALLOYS	Mild steel	Carbon	IS:228(P-1)
82	CHEMICAL- METALS & ALLOYS	Mild steel	Carbon Equivalent	IS:1786
83	CHEMICAL- METALS & ALLOYS	Mild steel	Carbon Equivalent	IS:2062
84	CHEMICAL- METALS & ALLOYS	Mild steel	Manganese	IS:228(P-2)
85	CHEMICAL- METALS & ALLOYS	Mild steel	Phosphorus	IS:228(P-3)

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86	CHEMICAL- METALS & ALLOYS	Mild steel	Silicon	IS:228(P-8)
87	CHEMICAL- METALS & ALLOYS	Mild steel	Sulphur	IS:228(P-9)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	Bio Chemical Oxygen Demand (3 days @ 27degC)	IS 3025 (P-44)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	Chemical Oxygen Demand	IS 3025 (P-58)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	Oil & Grease	IS 3025 (P-39)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	pH	IS 3025 (P-11)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	Total Dissolved Solids	IS 3025 (P-16)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent /Sewage)	Total Suspended Solids	IS 3025 (P-17)
94	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Calcium (as Ca)	IS 3025 (Part-40)
95	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Chloride (as Cl)	IS 3025 (Part-32)
96	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Magnesium (as Mg)	IS 3025 (Part 46)
97	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	pH value	IS 3025 (Part-11)
98	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Sulphate (as SO4)	IS 3025 (Part 24)
99	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Total alkalinity (as CaCO3)	IS 3025 (Part 23)
100	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Total dissolved solids	IS 3025 (Part 16)
101	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Total Hardness (as CaCO3)	IS 3025 (Part 21)
102	CHEMICAL- WATER	Packaged Drinking Water, Packaged Natural Mineral Water	Turbidity	IS 3025 (Part 10)
103	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Calcium (as Ca)	IS 3025 (Part-40)
104	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Chloride (as Cl)	IS 3025 (Part-32)
105	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Iron (as Fe)	IS 3025 (Part-53)
106	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Magnesium (as Mg)	IS 3025 (Part- 46)
107	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	pH value	IS 3025 (Part-11)
108	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Sulphate (as SO4)	IS 3025 (Part-24/Sec 1)
109	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Total alkalinity (as CaCO3)	IS 3025 (Part- 23)
110	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Total dissolved solids	IS 3025 (Part-16)
111	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Total Hardness as CaCO3	IS 3025 (Part- 21)

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112	CHEMICAL- WATER	Portable Water, Ground Water, Borewell Water, Raw Water	Turbidity	IS 3025 (Part-10)
113	CHEMICAL- WATER	Water for construction purpose	Acidity- (0.02 N NaOH required to neutralize 100 ml sample volume using phenolphthalein Indicator)	IS 3025 (part-22)
114	CHEMICAL- WATER	Water for construction purpose	Alkalinity- (0.02 N H2SO4 required to neutralize 100 ml sample volume using mixed indicator)	IS 3025 (part -23)
115	CHEMICAL- WATER	Water for construction purpose	Chloride (as Cl)	IS 3025 (Part 32)
116	CHEMICAL- WATER	Water for construction purpose	Inorganic solids	IS 3025 (Part 18)
117	CHEMICAL- WATER	Water for construction purpose	Organic solids	IS 3025 (Part 18)
118	CHEMICAL- WATER	Water for construction purpose	pH value	IS 3025 (Part 11)
119	CHEMICAL- WATER	Water for construction purpose	Sulphate (as SO3)	IS 3025 (Part 24/Sec-1)
120	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)
121	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Ageing in Air Oven on Insulation	Clause 5.1,Table-1 of IS 14255
122	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Bending Test on complete cable	Clause 11.4 of IS 14255
123	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Breaking load on Messenger Conductor	Clause 6.5, Table-3 of IS 14255
124	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Elongation at break on Insulation & Sheath	IS 14255
125	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Elongation Test on Messenger Conductor	IS 14255
126	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Resistance Test on Phase/Messenger/Street Light Conductor	IS 14255
127	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Shrinkage Test on Insulation & Sheath	IS 14255
128	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Tensile Strength on Insulation & Sheath	IS 14255
129	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Tensile Test on Phase/Street Light Conductor	IS 14255
130	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS 14255

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131	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V	Water Absorption (Gravimetric)	IS 14255
132	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS 14255
133	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V (Except HT cables)	High Voltage Test at Room Temperature	IS 14255
134	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages upto and including 1100V (Except HT cables)	Volume Resistivity	IS 14255
135	ELECTRICAL- CABLES & WIRES	Aluminium or Aluminium alloy Wires	Breaking load on Messenger Conductor	IS:10810 (Part 2)
136	ELECTRICAL- CABLES & WIRES	Aluminium Wire	Tensile Test on Phase/Street Light Conductor	IS:10810 (Part 2)
137	ELECTRICAL- CABLES & WIRES	Aluminium Wires	Tensile Test (for Aluminium)	IS:10810 (Part 2)
138	ELECTRICAL- CABLES & WIRES	Aluminium Wires	Wrapping Test (for Aluminium)	IS:10810 (Part 3)
139	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Ageing in Air Oven on Insulation & Sheath	IS 2465
140	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Elongation at break	IS 2465
141	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Heat Shock Test	IS 2465
142	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Loss of Mass	IS 2465
143	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Persulphate Test for tinned copper	IS 2465
144	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Shrinkage Test	IS 2465
145	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Tensile Strength on Insulation & Sheath	IS 2465
146	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Test for Overall Dimensions	IS 2465
147	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles	Test for Thickness of Insulation & Sheath	IS 2465
148	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS 2465
149	ELECTRICAL- CABLES & WIRES	Cables for Motor Vehicles (Except HT cables)	High Voltage Test (Water Immersion)	IS 2465

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150	ELECTRICAL- CABLES & WIRES	Conductors For Insulated Electric Cables And Flexible Cords	Persulphate Test (for tinned copper conductor cable only)	IS 8130
151	ELECTRICAL- CABLES & WIRES	Conductors For Insulated Electric Cables And Flexible Cords	Tensile Test (for Aluminium)	IS 8130
152	ELECTRICAL- CABLES & WIRES	Conductors For Insulated Electric Cables And Flexible Cords (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS 8130
153	ELECTRICAL- CABLES & WIRES	Conductors of Insulated Cables	Conductor Construction	IEC 60228:2004/BS EN 60228
154	ELECTRICAL- CABLES & WIRES	Conductors of Insulated Cables	Conductor Resistance Test / Resistance of Conductors	IEC 60228:2004/BS EN 60228
155	ELECTRICAL- CABLES & WIRES	Copper	Copper Purity	IS 191
156	ELECTRICAL- CABLES & WIRES	Copper	Copper Purity	IS 440
157	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Ageing in Air Oven on Insulation & Sheath	IS:7098 (Part 2)
158	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Armoured Courvage Percentage	IS 7098 (PART 2)
159	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Determination of the halogen acid gas content	IS:7098 (Part 2)
160	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Dimensions of Armouring Material	IS:7098 (Part 2)
161	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Elongation at break on armouring material	IS 7098 (PART 2)
162	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Elongation at break on Insulation & Sheath	IS:7098 (Part 2)
163	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Flame Retardance test on single Cables	IS 7098 (PART 2)
164	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Flammability Test / Flame Propagation on Single Cable	IS:7098 (Part 2)

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165	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Heat Shock Test on Sheath	IS:7098 (Part 2)
166	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Loss of Mass in Air Oven	IS:7098 (Part 2)
167	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Mass of Zinc Coating	IS 7098 (PART 2)
168	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Resistivity Test	IS 7098 (PART 2)
169	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Shrinkage Test on Insulation & Sheath	IS:7098 (Part 2)
170	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Smoke Density Rating	IS:7098 (Part 2)
171	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Tensile strength at break for armouring material	IS 7098 (PART 2)
172	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Tensile Strength at Break on Insulation & Sheath	IS:7098 (Part 2)
173	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Tensile Test (for Aluminium)	IS:7098 (Part 2)
174	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS:7098 (Part 2)
175	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Torsion Test for Round Wire	IS 7098 (PART 2)
176	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Uniformity of Zinc Coating	IS 7098 (PART 2)
177	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Water Absorption (Gravimetric)	IS:7098 (Part 2)
178	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Winding Test for Formed Wire	IS 7098 (PART 2)

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179	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV	Wrapping Test (for Aluminium)	IS:7098 (Part 2)
180	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS:7098 (Part 2)
181	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV (Except HT cables)	High Voltage Test at Room Temperature	IS:7098 (Part 2)
182	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3 kV upto and including 33kV (Except HT cables)	Volume Resistivity	IS:7098 (Part 2)
183	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Ageing in Air Oven on Insulation & Sheath	IS:7098 (Part 1)
184	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Armoured Courvage Percentage	IS 7098 (PART 1)
185	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Determination of the halogen acid gas content	IS:7098 (Part 1)
186	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Dimensions of Armouring Material	IS:7098 (Part 1)
187	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Elongation at break on armouring material	IS 7098 (PART 1)
188	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Elongation at Break on Insulation & Sheath	IS:7098 (Part 1)
189	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Flame Retardance test on single Cables	IS 7098 (PART 1)
190	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Flammability Test / Flame Propagation on Single Cable	IS:7098 (Part 1)
191	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Heat Shock Test on Sheath	IS:7098 (Part 1)
192	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Loss of Mass in Air Oven	IS:7098 (Part 1)

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193	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Mass of Zinc Coating	IS 7098 (PART 1)
194	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Resistivity Test	IS 7098 (PART 1)
195	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Shrinkage Test on Insulation & Sheath	IS:7098 (Part 1)
196	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Smoke Density Rating	IS:7098 (Part 1)
197	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Tensile strength for armouring material	IS 7098 (PART 1)-
198	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Tensile Strength on Insulation & Sheath	IS:7098 (Part 1)
199	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Tensile Test (for Aluminium)	IS:7098 (Part 1)
200	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS:7098 (Part 1)
201	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Torsion Test for Round Wire	IS 7098 (PART 1)
202	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Uniformity of Zinc Coating	IS 7098 (PART 1)
203	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Water Absorption (Gravimetric)	IS:7098 (Part 1)
204	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Winding Test for Formed Wire	IS 7098 (PART 1)
205	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Wrapping Test (for Aluminium)	IS:7098 (Part 1)
206	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS:7098 (Part 1)

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207	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V (Except HT cables)	High Voltage Test at Room Temperature	IS:7098 (Part 1)
208	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V (Except HT cables)	Volume Resistivity	IS:7098 (Part 1)
209	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Conductor Diameter	IS 8783 (Part 4, Sec 2)
210	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Elongation at break before ageing	IS 8783 (Part 4, Sec 2)
211	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Overall Dimensions	IS 8783 (Part 4, Sec 2)
212	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Shrinkage Test	IS 8783 (Part 4, Sec 2)
213	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Tensile Strength before ageing	IS 8783 (Part 4, Sec 2)
214	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Test for Thickness	IS 8783 (Part 4, Sec 2)
215	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Thermal ageing in air	IS 8783 (Part 4, Sec 2)
216	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors	Water Absorption (Gravimetric)	IS 8783 (Part 4, Sec 2)
217	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors (Except HT cables)	High Voltage (Water Immersion) Test	IS 8783 (Part 4, Sec 2)
218	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors (except HT cables)	Insulation Resistance Test	IS 8783 (Part 4, Sec 2)
219	ELECTRICAL- CABLES & WIRES	Crosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible MotorsCrosslinked Polyethylene Insulated and Polymide jacketed winding wires for Submersible Motors (3.5 x 35 sqmm cable)	Conductor Resistance	IS 8783 (Part 4, Sec 2)
220	ELECTRICAL- CABLES & WIRES	Dielectric material of electric cables (Except HT cables)	Insulation Resistance	IS:10810 (Part 43)
221	ELECTRICAL- CABLES & WIRES	Dielectric material of electric cables (except HT cables)	Volume Resistivity	IS:10810 (Part 43)
222	ELECTRICAL- CABLES & WIRES	Electric Cables	Flame Retardance test on single Cables	IS:10810 (Part 61)
223	ELECTRICAL- CABLES & WIRES	Electric Cables (Except HT cables)	High Voltage test (Water immersion)	IS:10810 (Part 45)

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224	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cable	Conductivity	IEC 60754-2
225	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cable	pH	IEC 60754-2
226	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Elongation at break	IEC/BS EN 60811-501
227	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Measurement of overall dimensions	IEC/BS EN 60811-203
228	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Pressure Test at High Temperature	IEC/BS EN 60811-508
229	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Resistance of insulations and sheaths to cracking (heat shock test)	IEC/BS EN 60811-509
230	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Shrinkage test for insulation	IEC/BS EN 60811-502
231	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Shrinkage Test for Sheath	IEC/BS EN 60811-503
232	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Tensile Strength of Insulation and Sheath	IEC/BS EN 60811-501
233	ELECTRICAL- CABLES & WIRES	Electric or optical fiber cables	Water Absorption Test (Gravimetric)	IEC/BS EN 60811-402
234	ELECTRICAL- CABLES & WIRES	Fuse wires	Dimensional Check	Cl.7.2 IS : 9926
235	ELECTRICAL- CABLES & WIRES	Fuse wires	Persulphate Test	Cl.7.4 IS : 9926
236	ELECTRICAL- CABLES & WIRES	Fuse wires	Resistance Test	Cl 7.3 IS : 9926
237	ELECTRICAL- CABLES & WIRES	Fuse wires	Visual Examination	Cl 7.1 IS : 9926
238	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Ageing in Air Oven on Insulation & Sheath	IS 17048
239	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Elongation at break	IS 17048
240	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Flame Retardant Test on Insulation & Finished Cable	IS 17048
241	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Flammability Test on Finished cable	IS 17048

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242	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Persulphate Test for tinned copper	IS 17048
243	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Smoke Density Test on Finished Cable	IS 17048
244	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Tensile Strength on Insulation & Sheath	IS 17048
245	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Tensile test (for aluminium)	IS 17048
246	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Test for Overall Dimensions	IS 17048
247	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Test for Thickness of Insulation & Sheath	IS 17048
248	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts	Wrapping test (for aluminium)	IS 17048
249	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS 17048
250	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts (Except HT cables)	Insulation Resistance	IS 17048
251	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cables for working voltages upto and including 1100 Volts (Except HT cbles)	High Voltage Test on Insulation & Finished Cable	IS 17048
252	ELECTRICAL- CABLES & WIRES	Halogenated polymers and compounds from electric or optical fibre cable	Determination of the halogen acid gas content	IS:10810 (Part 59)
253	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Elongation at break before ageing	IS 8783 (Part 4, Sec 1)
254	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Heat Shock Test	IS 8783 (Part 4, Sec 1)
255	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Overall Dimensions	IS 8783 (Part 4, Sec 1)
256	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Shrinkage Test	IS 8783 (Part 4, Sec 1)
257	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Tensile Strength before ageing	IS 8783 (Part 4, Sec 1)
258	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Test for Thickness	IS 8783 (Part 4, Sec 1)
259	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Thermal ageing in air	IS 8783 (Part 4, Sec 1)

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260	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors	Water Absorption (Gravimetric)	IS 8783 (Part 4, Sec 1)
261	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors (Except HT cables)	High Voltage (Water Immersion) Test	IS 8783 (Part 4, Sec 1)
262	ELECTRICAL- CABLES & WIRES	HR PVC Insulated Winding Wires for Submersible Motors (except HT cables)	Insulation Resistance Test	IS 8783 (Part 4, Sec 1)
263	ELECTRICAL- CABLES & WIRES	Insulating and Sheathing Materials	Density	IEC/BS EN 60811-606
264	ELECTRICAL- CABLES & WIRES	Insulation and sheath of electric cables	Ageing in Air Oven on Insulation & Sheath	IEC/BS EN 60811-401
265	ELECTRICAL- CABLES & WIRES	Insulation and sheath of electric cables	Shrinkage Test on Insulation & Sheath	IS:10810 (Part 12)
266	ELECTRICAL- CABLES & WIRES	Insulation and sheath of electric cables	Water Absorption (Gravimetric)	IS:10810 (Part 33)
267	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Adhesion Test	IS 3975
268	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Dimensions of Armouring Material	IS 3975
269	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Dimensions of Armouring Material	IS:10810 (Part 36)
270	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Elongation at break for armouring material	IS 3975
271	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Elongation at break for armouring material	IS:10810 (Part 37)
272	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Freedom from Defects	IS 3975
273	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS 3975
274	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS 4826
275	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Mass of Zinc Coating	IS:10810 (Part 41)
276	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Resistivity Test	IS 3975
277	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Resistivity Test	IS:10810 (Part 42)
278	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Tensile strength for armouring material	IS 3975

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279	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Tensile strength for armouring material	IS:10810 (Part 37)
280	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Torsion Test for Round Wire	IS 3975
281	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Torsion Test for Round Wire	IS:10810 (Part 38)
282	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Uniformity of Zinc Coating	IS 3975
283	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Uniformity of Zinc Coating	IS:10810 (Part 40)
284	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Winding Test for Formed Wire	IS 3975
285	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Winding Test for Formed Wire	IS:10810 (Part 39)
286	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes	Wrapping Test	IS 3975
287	ELECTRICAL- CABLES & WIRES	Non-metallic materials	Measurement of insulation thickness	IEC/BS EN 60811-201
288	ELECTRICAL- CABLES & WIRES	Non-metallic materials	Measurements of Thickness of Sheath	IEC/BS EN 60811-202
289	ELECTRICAL- CABLES & WIRES	Plastics and Plastic Material	Density	ASTM D792-13
290	ELECTRICAL- CABLES & WIRES	Plastics and Plastic Material	Smoke Density Rating	ASTM D2843-16
291	ELECTRICAL- CABLES & WIRES	Plastics and Plastic Materials	Smoke Density Rating	IS 13360 (Part 6, Sec 9)
292	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Bending Test	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
293	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Bending Test for Insulation and Sheath at low temperature	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
294	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Checking of compliance with constructional provisions	Cl. 2.4 of IEC 60227-4
295	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Checking of compliance with constructional provisions	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
296	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Heak Shock Test	Cl. 2.4 of IEC 60227-4

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297	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Loss of Mass	Cl. 2.4 of IEC 60227-4
298	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Measurement of Insulation Thickness	Cl. 2.3.2 of IEC 60227-4
299	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Measurement of overall diameter	Cl. 2.3.6 of IEC 60227-4
300	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Ovality	Cl. 2.4 of IEC 60227-4
301	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Pressure Test at High Temperature for Insulation and Sheath	Cl. 2.4 of IEC 60227-4
302	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Tensile Test after ageing for Insulation and Sheath	Cl. 2.4 of IEC 60227-4
303	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Tensile Test before ageing for Insulation and Sheath	Cl. 2.4 of IEC 60227-4
304	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Test of flame retardance	Cl. 2.4 of IEC 60227-4
305	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Voltage Test on completed cable	Cl. 2.4 of IEC 60227-4
306	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables	Voltage Test on cores at 2000V	Cl. 2.4 of IEC 60227-4
307	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	Cl. 2.4 of IEC 60227-4
308	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated and Sheathed cables (Except HT cables)	Insulation Resistance	Cl. 2.4 of IEC 60227-4
309	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Bending Test	Cl. 3.2 of IEC 60227-2
310	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Checking of compliance with constructional provisions	Cl. 5.1.3 of IEC 60227-1
311	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Measurement of Insulation Thickness	Cl. 1.9 of IEC 60227-2
312	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Measurement of overall diameter	Cl. 1.11 of IEC 60227-2
313	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Measurement of overall diameter	Cl. 1.11 of IEC 60227-2
314	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Measurement of overall dimensions and ovality	Cl. 1.11 of IEC 60227-2

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315	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Voltage Test at 2000 V	Cl. 2.2 of IEC 60227-2
316	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Voltage Test at 2500V	Cl. 2.2 of IEC 60227-2
317	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Voltage Test on completed cable	Cl. 2.2 of IEC 60227-2
318	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables	Voltage Test on cores	Cl. 2.3 of IEC 60227-2
319	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	Cl. 2.1 of IEC 60227-2
320	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated cables (Except HT cables)	Insulation Resistance	Cl. 2.4 of IEC 60227-2
321	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Elongation test for sheath	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
322	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Heat Shock Test	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
323	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Loss of Mass	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
324	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Measurement of overall diamensions	Cl. 2.3.3, Cl. 3.3.3, Cl. 4.3.3, Cl. 5.3.3, Cl. 6.3.3, Cl. 7.3.3 of IEC 60227-5
325	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Measurement of overall Thickness	IEC 60227-5
326	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Measurement of thickness of Insulation	IEC 60227-5
327	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Measurement of thickness of Sheath	IEC 60227-5
328	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Ovality	IEC 60227-5
329	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Pressure Test at High Temperature for Insulation and Sheath	IEC 60227-5
330	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Tensile Test after ageing for Insulation and Sheath	IEC 60227-5
331	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Tensile Test before ageing for Insulation and Sheath	IEC 60227-5

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332	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Test of flame retardance	IEC 60227-5
333	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Voltage Test on completed cable	IEC 60227-5
334	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords)	Voltage Test on cores	IEC 60227-5
335	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords) (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4, Cl. 8.4 of IEC 60227-5
336	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Flexible cables (cords) (Except HT cables)	Insulation Resistance	Cl. 2.3.2, Cl. 3.3.2, Cl. 4.3.2, Cl. 5.3.2, Cl. 6.3.2, Cl. 7.3.2, Cl. 8.3.2 of IEC 60227-5
337	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Bending Test for Insulation	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
338	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Checking of compliance with constructional provisions	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
339	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Elongation Test for Insulation	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
340	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Heat Shock Test	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
341	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Loss of Mass	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
342	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Measurement of Insulation Thickness	Cl. 2.3.2, Cl. 3.3.2, Cl. 4.3.2, Cl. 5.3.2, Cl. 6.3.2, Cl. 7.3.2 of IEC 60227-3
343	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Measurement of overall diameter	Cl. 2.3.3, Cl. 3.3.3, Cl. 4.3.3, Cl. 5.3.3, Cl. 6.3.3, Cl. 7.3.3 of IEC 60227-3
344	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Pressure Test at High Temperature	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
345	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Tensile Test after ageing	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
346	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Test of flame retardance	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
347	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables	Voltage Test at 2500V	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3
348	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	Cl. 2.4,Cl. 3.4,Cl. 4.4, Cl. 5.4, Cl. 6.4,Cl. 7.4 of IEC 60227-3

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349	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated Non-sheathed cables (except HT cables)	Insulation Resistance	Cl. 2.3.2, Cl. 3.3.2, Cl. 4.3.2, Cl. 5.3.2, Cl. 6.3.2, Cl. 7.3.2 of IEC 60227-3
350	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Additional Ageing Test	IS 694
351	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Ageing in Air Oven on Insulation & Sheath	IS 694
352	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Clarity, Legality and Durability	IS 694
353	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Determination of the halogen acid gas content	IS 694
354	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Elongation at break on Insulation & Sheath	IS 694
355	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Flammability Test	IS 694
356	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Heat Shock Test on Insulation & Sheath	IS 694
357	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Loss of Mass on Insulation & Sheath	IS 694
358	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Ovality	IS 694
359	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Persulphate Test (for tinned copper conductor cable only)	IS 694
360	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Shrinkage Test on Insulation & Sheath	IS 694
361	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Smoke Density Rating	IS 694
362	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Tensile Strength on Insulation & Sheath	IS 694
363	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Tensile Test (for Aluminium)	IS 694
364	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS 694
365	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Volume Resistivity	IS 694
366	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords	Wrapping Test (for Aluminium)	IS 694

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367	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS 694
368	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords (Except HT cables)	High Voltage Test at Room Temperature	IS 694
369	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords (Except HT cables)	Insulation Resistance	IS 694
370	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords (HT cables)	High Voltage test (Water immersion)	IS 694
371	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Ageing in Air Oven on Insulation & Sheath	IS:1554 (Part 2)
372	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Armoured Courvage Percentage	IS 1554 (PART 2)
373	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Determination of the halogen acid gas content	IS:1554 (Part 2)
374	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Dimensions of Armouring Material	IS:1554 (Part 2)
375	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Elongation at break for armouring material	IS 1554 (PART 2)
376	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Elongation at Break on Insulation & Sheath	IS:1554 (Part 2)
377	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Flame Retardance test on single Cables	IS 1554 (PART 2)
378	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Flammability Test / Flame Propagation on Single Cable	IS:1554 (Part 2)
379	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Heat Shock Test on Insulation & Sheath	IS:1554 (Part 2)
380	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Loss of Mass on Insulation & Sheath	IS:1554 (Part 2)
381	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Mass of Zinc Coating	IS 1554 (PART 2)
382	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Resistivity Test	IS 1554 (PART 2)
383	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Shrinkage Test on Insulation & Sheath	IS:1554 (Part 2)
384	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Smoke Density Rating	IS:1554 (Part 2)
385	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Tensile strength for armouring material	IS 1554 (PART 2)

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386	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Tensile Strength on Insulation & Sheath	IS1554 (Part 2)
387	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Tensile Test (for Aluminium)	IS:1554 (Part 2)
388	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS:1554 (Part 2)
389	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Torsion Test for Round Wire	IS 1554 (PART 2)
390	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Uniformity of Zinc Coating	IS 1554 (PART 2)
391	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Water Absorption (Gravimetric)	IS:1554 (Part 1)
392	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Winding Test for Formed Wire	IS 1554 (PART 2)
393	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV	Wrapping Test (for Aluminium)	IS:1554 (Part 2)
394	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV (Except HT cables)	Insulation Resistance	IS:1554 (Part 2)
395	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3 kV upto and including 11kV (Except HT cables)	Volume Resistivity	IS:1554 (Part 2)-
396	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Ageing in Air Oven on Insulation & Sheath	IS:1554 (Part 1)
397	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Armoured Courvage Percentage	IS 1554 (PART 1)
398	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Determination of the halogen acid gas content	IS:1554 (Part 1)
399	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Dimensions of Armouring Material	IS:1554 (Part 1)
400	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Elongation at break for armouring material	IS:1554 (Part 1)
401	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Elongation at break on Insulation & Sheath	IS:1554 (Part 1)
402	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Flame Retardance test on single Cables	IS 1554 (PART 1)
403	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Flammability Test / Flame Propagation on Single Cable	IS:1554 (Part 1)

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404	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Heat Shock Test on Insulation & Sheath	IS:1554 (Part 1)
405	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Loss of Mass on Insulation & Sheath	IS:1554 (Part 1)
406	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Mass of Zinc Coating	IS 1554 (PART 1)
407	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Resistivity Test	IS:1554
408	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Shrinkage Test on Insulation & Sheath	IS:1554 (Part 1)
409	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Smoke Density Rating	IS:1554 (Part 1)
410	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile strength for armouring material	IS1554 (Part 1)
411	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile Strength on Insulation & Sheath	IS:1554 (Part 1)
412	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Tensile Test (for Aluminium)	IS:1554 (Part 1)
413	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS:1554 (Part 1)
414	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Torsion Test for Round Wire	IS:1554 (Part 1)
415	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Uniformity of Zinc Coating	IS:1554 (Part 1)
416	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Winding Test for Formed Wire	IS:1554 (Part 1)
417	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V	Wrapping Test (for Aluminium)	IS:1554 (Part 1)
418	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V (3.5 x 35 sqmm cable)	Conductor Resistance Test / Resistance of Conductors	IS:1554 (Part 1)
419	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V (Except HT cables)	High Voltage Test (Water Immersion)	IS:1554 (Part 1)
420	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V (Except HT cables)	High Voltage Test at Room Temperature	IS:1554 (Part 1)
421	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto and including 1100V (Except HT cables)	Volume Resistivity	IS:1554 (Part 1)

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422	ELECTRICAL- CABLES & WIRES	PVC Insulation and Sheath of Electric Cables	Volume Resistivity	IS 5831
423	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath of electric cables	Elongation at break on Insulation & Sheath	IS10810 (Part 7)
424	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath of electric cables	Elongation at Break on Insulation & Sheath	IS10810 (Part 7)
425	ELECTRICAL- CABLES & WIRES	Thermoplastic and Elastomeric insulation and sheath of electric cables	Tensile Strength on Insulation & Sheath	IS:10810 (Part 7)
426	ELECTRICAL- CABLES & WIRES	Thermoplastic and elastomeric insulation and sheath of electric cables	Test for overall dimensions, Eccentricity & thickness of Insulation & Sheath	IS:10810 (Part 6)
427	ELECTRICAL- CABLES & WIRES	Thermoplastic insulation and sheath of electric cables	Heat Shock Test on Insulation & Sheath	IS:10810 (Part 14)
428	ELECTRICAL- CABLES & WIRES	Thermoplastic insulation and sheath of electric cables	Loss of Mass on Insulation & Sheath	IS:10810 (Part 10)
429	ELECTRICAL- CABLES & WIRES	Thermoplastic insulations and sheaths	Loss of Mass	IEC/BS EN 60811-409
430	ELECTRICAL- CABLES & WIRES	Tinned copper conductor	Persulphate Test (for tinned copper conductor cable only)	IS:10810 (Part 4)
431	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (Single Sheet Testing) (Clause 7.1.2 & Table 1,Table 2, Table 3 of IEC 60404-8-7:2020)	IEC 60404-8-7
432	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (Single Sheet Testing) (Clause 8.3 & Table 1, Table 2 of IS 3024:2015)	IS 3024
433	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (Single Sheet Testing) (Section 2 of IS 649:1997)	IS 649
434	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (Clause 7.1.2 & Table 1,Table 2, Table 3 of IEC 60404-8-7:2020)	IEC 60404-8-7
435	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (clause 8.3 & Table 1, Table 2 of IS 3024:2015)	IS 3024

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436	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	A.C Magnetization/Permeability on Epstein Frame testing (Section 2 of IS 649:1997)	IS 649
437	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Ductility/Bend Test (Clause 10.2 of IS 3024:2015)	IS 3024
438	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Ductility/Bend Test (Clause 7.3.3 of IEC 60404:2020)	IEC 60404-8-7
439	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Ductility/Bend Test (Section 8 of IS 649:1997)	IS 649
440	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Lamination Thickness (Clause 11.1 of 3024:2015)	IS 3024
441	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Lamination Thickness (clause 7.2.1 & Table 4 of IEC 60404:2020)	IEC 60404-8-7
442	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Lamination Thickness (Section 10 of IS 649:1997)	IS 649
443	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific Core Loss Test After Accelerated Ageing test 225 deg. C, 24 Hrs (Clause 14.6 of IS 3024:2015)	IS 3024
444	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific Core Loss Test After Accelerated Ageing test 225 deg. C, 24 Hrs (Clause 8.3.1.1 of IEC 60404-8-7:2020)	IEC 60404-8-7
445	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific Core Loss Test After Accelerated Ageing test 225 deg. C, 24 Hrs (Section - 2 of IS 649:1997)	IS 649
446	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Clause 7.1.3 & Table 1, Table 2,Table 3 of IEC 60404-8-7:2020)	IEC 60404-8-7
447	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Clause 8.1 & Table 2 of IS 3024:2015)	IS 3024
448	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Single Sheet Testing) (Clause 8.1 & Table 2 of IS 3024:2015)	IS 3024

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449	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Single Sheet Testing) (Section - 2 of IS 649:1997)	IS 649
450	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Single Sheet Testing)(Clause 8.3.1.2 of IEC 60404-8-7:2020)	IEC 60404-8-7
451	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Stacking Factor (clause 10.1 & table 4 of IS 3024:2015)	IS 3024
452	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Stacking Factor (Clause 7.3.2 Table 1, Table 2 & Table 3 of IEC 60404-8-7:2020)	IEC 60404-8-7
453	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Stacking Factor (Section 7 of IS 649:1997)	IS 649
454	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Surface Insulation Resistivity (clause 9 & Table 3 of IS 3024:2015)	IS 3024
455	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Surface Insulation Resistivity (Section 4 of IS 649:1997)	IS 649
456	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheet steel – CRNO / CRGO	Surface Insulation Resistivity (clause 8.3.3.3 of IEC 60404-8-7:2020)	IEC 60404-11
457	ELECTRICAL- MAGNETIC MATERIALS	Magnetic Sheets Steel - CRNO / CRGO	Specific core Loss Test by Epstein Frame Tester (Section - 2 of IS 649:1997)	IS 649
458	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Alloy Strand conductor	Breaking Load	IS 398 (Part 4)
459	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Alloy Strand conductor	Calculated Breaking Load of Conductor	IS 398 (Part 4)
460	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Alloy Strand conductor	Elongation	IS 398 (Part 4)
461	ELECTRICAL- TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Alloy Strand conductor	Resistance	IS 398 (Part 4)

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462	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Alloy Stranded conductor	Measurement of Lay Ratio	IS 398 (Part 4)
463	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transformation	Breaking Load Test of individual aluminium wires	IS 398 (Part 1)
464	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transformation	Measurement of diameter of aluminium wire	IS 398 (Part 1)
465	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transformation	Measurement of Lay Ratio	IS 398 (Part 1)
466	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transformation	Resistance Test of Aluminium Wire	IS 398 (Part 1)
467	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transformation	Wrapping Test of aluminium wire	IS 398 (Part 1)
468	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Breaking Load of Individual Wires	IS 398 (Part 2)
469	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Ductility Test (Elongation %)	IS 398 (Part 2)
470	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Galvanizing Test	IS 398 (Part 2)
471	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of diameter of individual aluminium and steel wire	IS 398 (Part 2)
472	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Measurement of Lay Ratio	IS 398 (Part 2)

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473	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Resistance Test	IS 398 (Part 2)
474	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Torsion Test	IS 398 (Part 2)
475	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductor for overhead transmission purpose aluminium conductors and galvanized steel- reinforced	Wrapping Test	IS 398 (Part 2)
476	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Determination of Stress at 1% extension	Cl. 4.3.2 of BS 215-2
477	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Dimensions and Construction	Cl. 3 of BS 215-2
478	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Galvanizing Test	Cl. 4.3.2 of BS 215-2
479	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Resistivity Test	Cl. 4.3.1 of BS 215-2
480	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Tensile Test of Aluminium and Steel Wires	Cl. 4.3.1 of BS 215-2
481	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Torsion Test or Elongation Test as appropriate	Cl. 4.3.2 of BS 215-2
482	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium Conductors, Steel Reinforced	Wrapping Test on Aluminium and Steel Wires	Cl. 4.3.2 of BS 215-2
483	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Calculated breaking load	Table 3 & Appendix A of BS 215-1

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484	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Calculated Resistance Test	Table 4 of BS 215-1
485	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Diameter of Individual Wire	Cl. 3.1, Cl. 3.2 of BS 215-1
486	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Elongation Test	Cl. 4.3 of BS 215-1
487	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Lay Ratio	Cl. 3.4 of BS 215-1
488	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Overall Diameter	Table 3 of BS 215-1
489	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Resistance Test	Table 2 of BS 215-1
490	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Tensile Strength of Individual Wire	Cl. 4.3 of BS 215-1
491	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminium stranded conductors for overhead power transmission	Wrapping Test	Cl. 4.3 of BS 215-1
492	ELECTRICAL-TRANSMISSION LINE EQUIPMENT & ACCESSORIES	Aluminum stranded conductors for overhead power transmission	Breaking Load of Individual Wire	Table 2 of BS 215-1
493	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	10 % fines value	IS:2386(P-4)
494	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Aggregate Impact Value	IS:2386 (P-4)
495	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Bulk density	IS:2386 (P-3)

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496	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Combined Flakiness & Elongation	IS:2386 (P-1)
497	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Curshing value	IS:2386 (P-4)
498	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Deleterious material, clay & lumps	IS:2386 (P-2)
499	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Elongation Index	IS:2386 (P-1)
500	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Flakiness Index	IS:2386 (P-1)
501	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Material passing 75 micron IS Sieve	IS:2386 (P-1)
502	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Organic Impurities	IS:2386 (P-2)
503	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Particle size (Sieve analysis) 75 mm, 63 mm, 53 mm, 45 mm, 40 mm, 26.5 mm, 22.4 mm, 20 mm, 16 mm,13.2 mm,12.5 mm,11.2 mm, 10 mm, 9.5 mm, 5.6 mm, 4.75 mm, 2.36 mm,	IS:2386 (P-1)
504	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Specific gravity	IS:2386 (P-3)
505	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Coarse aggregate)	Water absorption	IS:2386 (P-3)
506	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Bulk density	IS:2386 (P-3)
507	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Bulking	IS:2386 (P-3)
508	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Deleterious material, Clay & Lumps	IS:2386 (P-2)
509	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Deleterious materials, Coals & Lignite	IS:2386 (P-2)
510	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Material passing 75 micron IS Sieve	IS:2386 (P-1)
511	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Organic Impurities	IS:2386 (P-2)
512	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Specific gravity	IS:2386 (P-3)

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513	MECHANICAL- BUILDINGS MATERIALS	Aggregate (Fine aggregate)	Water absorption	IS:2386 (P-3)
514	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly ash)	Dimensions , Width	IS:13757
515	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimension ,Length	IS:1077
516	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimension, Width	IS:1077
517	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay)	Dimensions, Height	IS:1077
518	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay, Fly ash)	Water absorption	IS:3495(P-2)
519	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay,Fly ash)	Compressive Strength	IS:3495(P-1)
520	MECHANICAL- BUILDINGS MATERIALS	Bricks (Clay,Fly ash)	Efflorescence	IS:3495(P-3)
521	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly ash)	Dimensions ,Length	IS:13757
522	MECHANICAL- BUILDINGS MATERIALS	Bricks (Fly ash)	Dimensions ,Height	IS:13757
523	MECHANICAL- BUILDINGS MATERIALS	Concrete Cube	Compressive strength of C.C Cubes	IS:516
524	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve analysis 10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 µm, 300 µm, 150 µm	IS:2386 (P-1)
525	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for concrete reinforcement	Tensile strength	IS:1608 (P-1)
526	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for concrete reinforcement-	TS/YS Ratio	IS:1786
527	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for concrete reinforcement-	% Elongation	IS:1608 (P-1)
528	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for concrete reinforcement-	Mass	IS:1786
529	MECHANICAL- BUILDINGS MATERIALS	High strength deformed steel bars for concrete reinforcement-	Yield stress	IS:1608 (P-1)
530	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks For Paving	Compressive Strength	IS:15658

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531	MECHANICAL- BUILDINGS MATERIALS	Precast Concrete Blocks For Paving	Water absorption	IS:15658
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel sheet	Rockwell Hardness(HRB)	IS:1586(P-1)
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel sheet	Rockwell Hardness(HRC)	IS:1586(P-1)
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	% Elongation	IS:1608(P-1)
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Flattening test	IS:2328
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Mass	IS:1161
537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Outside diameter	IS:1161
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Tensile strength	IS:1608(P-1)
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Thickness	IS:1161
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes For Structural Purposes	Yield stress	IS:1608(P-1)
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	% Elongation	IS:1608(P-1)
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	Flattening test	IS:2328
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	Mass	IS:1239(P-1)
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	Out side diameter	IS:1239(P-1)

SCOPE OF ACCREDITATION

Laboratory Name :	BIRASINI TEST HOUSE, 4/31 B , SITE-4 ,INDUSTRIAL AREA,SAHIBABAD, GHAZIABAD, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9143	**Page No**	35 of 35
Validity	08/12/2022 to 07/12/2024	**Last Amended on**	21/04/2023

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
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	Tensile strength	IS:1608(P-1)
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes, Tubulars and Other Wrought Steel Fitting	Thickness	IS:1239(P-1)
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel	% Elongation	IS:1608(P-1)
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel	Mass	IS:1599
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel	Tensile strength	IS:1608(P-1)
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel	Thickness	IS:808
551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Structural steel	Yield stress	IS:1608(P-1)
552	MECHANICAL- SOIL AND ROCK	Stone(Granite)	Specific Gravity	IS:1124
553	MECHANICAL- SOIL AND ROCK	Stone(Granite)	Water absorption	IS:1124

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.