National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : APAR INDUSTRIES LIMITED (UNIT: UNIFLEX CABLES - LAB DIVISION), PLOT NO : 158-163, UMBERGAON, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 25/03/2021 to 24/03/2023 **Last Amended on** 28/10/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Bending Test	IS 14255 (Cl.11.4), IS 10810 (Part 50)
2	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Breaking load on Messenger Conductor	IS 14255 (Cl.6.5), IS 10810 (Part 2)
3	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Carbon Content Test	IS 14255 (Cl.10.1.d.3), IS 10810 (Part 32)
4	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Conductor Resistance	IS 14255 (Cl.10.1.a.3), IS 10810 (Part 5)
5	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Elongation on Messenger Conductor	IS 14255 (Cl.6.5), IS 10810 (Part 2)
6	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	High Voltage test at room temperature	IS 14255 (Cl.10.1.g), IS 10810 (Part 45)
7	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Hot Set Test	IS 14255 (Cl.10.1.c.3), IS 10810 (Part 30)
8	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Insulation Resistance 500V to 5000V	IS 14255 (Cl.10.1.d.f), IS 10810 (Part 43)
9	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for Working Voltages up to and including 1100V	Shrinkage Test	IS 14255 (Cl.10.1.c.4), IS 10810 (Part 12)
10	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Tensile strength (for aluminum conductor)	IS 14255 (Cl.10.1.a.1), IS 10810 (Part 2)
11	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Tensile Strength after Ageing in air oven	IS 14255 (Cl.10.1.c.2), IS 10810 (Part 11)
12	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Tensile strength and elongation at break on Insulation and Sheath	IS 14255 (Cl.10.1.c.i & 10.1.d.i), IS 10810 (Part 7)
13	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Test for eccentricity and Thickness of insulation and sheath/Overall Dimensions	IS 14255 (Cl.10.1.e), IS 10810 (Part 6)
14	ELECTRICAL- CABLES & WIRES	Aerial Bunched Cables for working voltages up to and including 1100V	Water Absorption Test (Gravimetric)	IS 14255 (Cl.10.1.c.5), IS 10810 (Part 33)
15	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead system of rated voltage 0.6/1 kV	Absence of Capillary water rising Clause 6.4	NFC-33-209
16	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead system of rated voltage 0.6/1 kV	Insulation Resistance Clause 6.3	NFC 33-209
17	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead system of rated voltage 0.6/1 kV	Minimum Tensile strength Insulation Sheath Clause 4.2.2	NFC 33-209

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18	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Behavior of neutral Core under thermal and mechanical stress Clause 6.8	NFC 33-209
19	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Minimum Elongation of Insulation sheath Clause 4.2.2	NFC 33-209
20	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	No of Strands of Conductor Clause 4.1.3	NFC 33-209
21	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Perforation susceptibility of Insulation sheath Clause 6.9	NFC 33-209
22	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Shrinkage Test Clause 4.2.3	NFC 33-209
23	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Stranding Pitch of Conductors Clause 4.1.3	NFC 33-209
24	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Thickness of Insulating Sheath 4.2.1	NFC 33-209
25	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/ 1kV	Weather Resistance of the insulating Sheath Clause 6.2	NFC 33-209
26	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Adhesion of insulation sheath to the conductor of the messenger neutral core Clause 6.5	NFC 33-209
27	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Ageing in air oven Clause 4.2.2	NFC 33-209
28	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Breaking Strength for conductor Clause 4.1.3	NFC 33-209
29	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Conductor Resistance Clause 4.1.3	NFC 33-209
30	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Constitution of conductor Clause 4.1.3	NFC 33-209
31	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Continuity of conductor Clause 4.3.1	NFC 33-209
32	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Dimension of Conductors Clause 4.1.3	NFC 33-209
33	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	External Diameter of Cable Clause 4.3.2	NFC 33-209
34	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	High voltage test Clause 4.4.2	NFC 33-209
35	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Hot set Test Clause 4.2.3	NFC 33-209:1996 / EN 60811-507

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36	ELECTRICAL- CABLES & WIRES	Bundled assembled cores for overhead systems of rated voltage 0.6/1 kV	Impulse Voltage Test Clause 4.4.2	NFC 33-209
37	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kv up to and including 19/33 (36) kV	Adhesion Test on Hand Strippable Extruded Screen	AS/NZS 3675
38	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Carbon Black Content	AS/NZS 3675, AS/NZS 1660.2.4
39	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kv up to and including 19/33 (36) kV	Dripping Test	AS/NZS 3675
40	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Environment Stress Crack Resistance Test	AS/NZS 3675, AS/NZS 1660.2.4
41	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Hot Set Test	AS/NZS 3675, AS/NZS 1660.2
42	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	HV Voltage AC Test for 4h	AS/NZS 3675, AS/NZS 1660.3
43	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Insulation Resistance Constant	AS/NZS 3675, AS/NZS 1660.3
44	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Melt Flow Index Test	AS/NZS 3675, AS/NZS 1660.2.4
45	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Resistivity Test	AS/NZS 3675, AS 1531
46	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Spark Test	AS/NZS 3675, AS/NZS 1660.3
47	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kv up to and including 19/33 (36) kV	Static Water Blocking Test	AS/NZS 3675
48	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Tensile Strength after Ageing in Air Oven	AS/NZS 3675, AS/NZS 1660.2.2 & 1660.2.3
49	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Tensile Strength and Elongation at Break of Insulation and Sheath	AS/NZS 3675, AS/NZS 1660.2.1
50	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Thickness of Covering	AS/NZS 3675, AS/NZS 1660.2.1
51	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Ultimate Tensile Stress and Elongation Test	AS/NZS 3675, AS 1531
52	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kV up to and including 19/33 (36) kV	Wire Diameter	AS/NZS 3675, AS 1531
53	ELECTRICAL- CABLES & WIRES	Conductors - Covered Overhead For Working Voltages 6.35/11 (12) kv up to and including 19/33 (36) kV	Wrapping Test	AS/NZS 3675, AS 1531

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54	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Conductors	Conductor Resistance	IEC 60228, BS EN 60228
55	ELECTRICAL- CABLES & WIRES	Conductors for Insulated Conductors	Tensile Strength (for Aluminum Conductor)	Cl.4.2,4.3, BS EN 60228
56	ELECTRICAL- CABLES & WIRES	Copper / Methods of Chemical Analysis of Copper	Copper Purity Test	IS 191, IS 440
57	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories up to 36kV	Carbon Black Content	EN 50397-1, IEC/BS EN 60811 (Part 605)
58	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories up to 36kV	Conductor Resistance	EN 50397-1, HD 605 (Cl.3.1.1)
59	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories up to 36kV	High Voltage Test	EN 50397-1, HD 605 (Cl.3.2.2.2)
60	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Construction and Dimensions	EN 50397-1, IEC/BS EN 60811-201
61	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Content, Legibility of Marking	EN 50397-1
62	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Durability of Marking	EN 50397-1, HD 605 (Cl.2.5.4)
63	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Hot Set Test	EN 50397-1, IEC/BS EN 60811 (Part-507)
64	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Leakage Current	EN 50397-1
65	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Pressure Test at High Temperature/Hot Deformation Test	EN 50397-1, IEC/BS EN 60811-508
66	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Rated Tensile Strength	EN 50397-1
67	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Shore D Hardness	EN 50397-1, HD 605 (Cl.2.2.1)
68	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Shrinkage Test	EN 50397-1, IEC/BS EN 60811 (Part-502 & 503)
69	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Slippage Test	EN 50397-1
70	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Tensile Strength after Ageing in Air Oven	EN 50397-1, IEC/BS EN 60811 (Part 401)
71	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Tensile Strength and Elongation at Break	EN 50397-1, IEC/BS EN 60811 (Part 401 & 501)

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72	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Test of compatibility (Ageing of Complete Product Sample)	EN 50397-1, IEC/BS EN 60811 (Part 401 & 501)
73	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Test of the Longitudinal Watertightness	EN 50397-1, Annex-F of IEC 60502-2
74	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Thickness of the Covering	EN 50397-1, IEC/BS EN 60811 (Part 201)
75	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Tracking Resistance	EN 50397-1
76	ELECTRICAL- CABLES & WIRES	Cover Conductors for Overhead Lines and Related Accessories upto 36kV	Water Absorption Test	EN 50397-1, IEC/BS EN 60811 (Part-402)
77	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene insulated Thermoplastic sheathed cable for working voltages form 3.3kV to 33kV	Dielectric Power Factor Test as a function of Voltage	IS 7098 (Part 2) (Cl.19.1.x).a), IS 10810 (Part 48)
78	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene insulated Thermoplastic Sheathed cables for working voltage form 3.3kV to 33kV	Heat Cycle Test	IS 7098 (Part 2) (Cl.19.1.xii), IS 10810 (Part 49)
79	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltage form 3.3kV to 33kV	High Voltage Test (4 hour Test)	IS 7098 (Part 2) (Cl.20.7), IS 10810 (Part 45)
80	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene insulated Thermoplastic Sheathed cables for working voltage from 3.3kV to 33kV	Dielectric Power factor Test as a function of Temperature	IS 7098 (Part 2) (Cl.19.1.x) b), IS 10810 (Part 48)
81	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltage from 3.3kV to 33kV	Impulse Withstand Test	IS 7098 (Part 2) (Cl.19.1.xiii), IS 10810 (Part 47)
82	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltage from 3.3kV to 33kV	Wrapping Test (for Aluminum)	IS 7098 (Part 2) (Cl.19.1.i).c), IS 10810 (Part 3)
83	ELECTRICAL- CABLES & WIRES	Cross linked polyethylene insulated Thermoplastic sheathed cables for working voltage up to & including 1100V	Annealing Test (For Copper Conductor)	IS 7098 (Part 1) (Cl.15.1.a.1), IS 10810 (Part 1)
84	ELECTRICAL- CABLES & WIRES	Cross linked polyethylene insulated Thermoplastic sheathed cables for working voltage up to & including 1100V	Wrapping Test (for Aluminum)	IS 7098 (Part 1) (Cl.15.1.a.3), IS 10810 (Part 3)
85	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltage up to 3.3kV to 33kV	Annealing Test (For Copper Conductor)	IS 7098 (Part 2) (Cl.19.1.i).a), IS 10810 (Part 1)
86	ELECTRICAL- CABLES & WIRES	Cross linked polyethylene insulated Thermoplastic sheathed cables for working voltage Up to 66kV	Annealing test (For copper conductor)	IS 7098 (Part 3) (Cl.19.1.i.a), IS 10810 (Part 1)
87	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages 3.3kV to 11kV	Torsion Test on Galvanized Steel Wire for Armouring	IS 7098 (Part 2) (Cl.19.1.ii), IS 10810 (Part 38)
88	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages 3.3kV to 33kV	Uniformity of Zinc Coating (Dip Test)	IS 7098 (Part 2) (Cl.19.1.II), IS 10810 (Part 40)
89	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Hot Set Test	IS 7098 (Part 2) (Cl.19.1.III.d), IS 10810 (Part-30)

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90	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Armour Coverage Percentage Test	IS 7098 (Part 2) (Cl.17.1.1), IS 7098 (Part 2)
91	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Carbon Content Test	IS 7098 (Part 2) (Cl.19.1.VI).h), IS 10810 (Part 32)
92	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Cold Bend Test	IS 7098 (Part 2) (Cl.19.4), IS 10810 (Part 21)
93	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Conductor Resistance	IS 7098 (Part 2) (Cl.19.1.i).d), IS 10810 (Part 5)
94	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic sheathed cables for working voltages from 3.3kV to 33kV	Dielectric Power Factor Test as a Function of Temperature	IS 7098 (Part 2) (Cl.19.1.x).b), IS 10810 (Part 48)
95	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic sheathed cables for working voltages from 3.3kV to 33kV	Dielectric Power Factor Test as a function of temperature	IS 7098 (Part 2) (Cl.19.1.x.b), IS 10810 (Part 48)
96	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic sheathed cables for working voltages from 3.3kV to 33kV	Dielectric Power Factor Test as a function of voltage	IS 7098 (Part 2) (Cl.19.1.x).a), IS 10810 (Part 48)
97	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Dimension for armouring material	IS 7098 (Part 2) (Cl.19.1.2), IS 10810 (Part 36)
98	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Flame Retardant Test on Bunched cable	IS 7098 (Part 2) (Cl.19.1.3.C1.c & Cl.19.1.3.C2.c), IS 10810 (Part 62)
99	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Flame Retardant Test on Single cable (Swedish Chimney)	IS 7098 (Part 2) (Cl.19.1.3.C1.b & Cl.19.1.3.C2.b), IS 10810 (Part 61)
100	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Flammability Test	IS 7098 (Part 2) (Cl.19.1.XV), IS 10810 (Part 53)
101	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Halogen Acid Gas Evolution /Corrosive & halogen acid gas	IS 7098 (Part 2) (Cl.19.1.3.C2.e), IS 10810 (Part 59)
102	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Heat Cycle Test	IS 7098 (Part 2) (Cl.19.1.xii), IS 10810 (Part 49)
103	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Heat Shock Test on Insulation & Sheath	IS 7098 (Part 2) (Cl.19.1.vi).f), IS 10810 (Part 14)
104	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	High Voltage Test (4 hour Test)	IS 7098 (Part 2) (Cl.20.7), IS 10810 (Part 45)
105	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	High Voltage test at room temperature	IS 7098 (Part 2) (Cl.19.1.xiv), IS 10810 (Part 45)
106	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Hot deformation test /Pressure Test at High Temperature	IS 7098 (Part 2) (Cl.19.1.vi).d), IS 10810 (Part 15)
107	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Impulse Withstand Test	IS 7098 (Part 2) (Cl.19.1.xiii), IS 10810 (Part 47)

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108	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Insulation Resistance 500V to 5000V	IS 7098 (Part 2) (Cl.19.1.xi), IS 10810 (Part 43)
109	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Loss of Mass Test	IS 7098 (Part 2) (Cl.19.1.vi).e), IS 10810 (Part 10)
110	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Mass of Zinc coating	IS 7098 (Part 2) (Cl.19.1.II), IS 10810 (Part 41)
111	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Oxygen Index Test /Temperature Index Test	IS 7098 (Part 2) (Cl.19.1.3.C1.a),d) & 19.1.3.C2.a),f), IS 10810 (Part 58)
112	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Partial Discharge Test	IS 7098 (Part 2) (Cl.19.1.viii), IS 10810 (Part-46)
113	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Resistivity & Conductance test of Armour (Wires/strips)	IS 7098 (Part 2) (Cl.19.1.ii), IS 10810 (Part 42)
114	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Shrinkage Test	IS 7098 (Part 2) (Cl.19.1.iii).d),19.1.VI).c), IS 10810 (Part 12)
115	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Tensile strength & Elongation at break for Armouring Material	IS 7098 (Part 2) (Cl.19.1), IS 10810 (Part 37)
116	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Tensile Strength (for Aluminum Conductor)	IS 7098 (Part 2) (Cl.19.1.i).b), IS 10810 (Part 2)
117	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Tensile Strength after Ageing in air oven	IS 7098 (Part 2) (Cl.19.1.iii).b) & 19.1.vi).b), IS 10810 (Part 11)
118	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Tensile strength and elongation at break on Insulation and Sheath	IS 7098 (Part 2) (Cl.19.1.iii).a) & 19.1.VI).a), IS 10810 (Part 7)
119	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Test for Eccentricity and Thickness of Insulation and Sheath/Overall Dimensions	IS 7098 (Part 2) (Cl.19.1.iv), IS 10810 (Part 6)
120	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Test on extruded semiconducting screens-Volume Resistivity	IS 7098 (Part 2) (Cl.19.1.v).b), IS 7098 (Part 2)
121	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Thermal ageing test for complete cable/Additional Ageing Test on pieces of Completed Cables	IS 7098 (Part 2) (Cl.19.1.vii), IS 7098 (Part 2)
122	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 3.3kV to 33kV	Thermal Stability	IS 7098 (Part 2) (Cl.19.1.vi).g), IS 10810 (Part 60)

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123	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 3.3kV to 33kV	Water Absorption Test (Gravimetric)	IS 7098 (Part 2) (Cl.19.1.iii).f), IS 10810 (Part 33)
124	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 3.3kV to 33kV	Winding/ Wrapping Test on Galvanized steel strip for Armouring	IS 7098 (Part 2) (Cl.19.1.II), IS 10810 (Part 39)
125	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 66kV to 220kV	Dielectric Power Factor and Capacitance Measurement at Ambient Temperature	IS 7098 (Part 3) (Cl.19.1.n), IS 10810 (Part 48)
126	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables For working voltages from 66kV to 220kV	Dielectric Power Factor and Capacitance Measurement at Elevated Temperature	IS 7098 (Part 3) (Cl.19.1.p), IS 10810 (Part 48)
127	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 66kV to 220kV	Hot Deformation Test /Pressure Test at High Temperature	IS 7098 (Part 3) (Cl.19.1.g.v), IS 10810 (Part 15)
128	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 66kV to 220kV	Hot Set test	IS 7098 (Part 3) (Cl.19.1.b.iv), IS 10810 (Part 30)
129	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 66kV to 220kV	Shrinkage Test	IS 7098 (Part 3) (Cl.19.1.b.v) & 19.1.g.vi), IS 10810 (Part 12)
130	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 66kV to 220kV	Thermal Stability	IS 7098 (Part 3) (Cl.19.1.g.vii), IS 10810 (Part 60)
131	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 66kV up to and including 220kV	Bending Test followed by PD Test	IS 7098 (Part 3) (Cl.19.1.m), IS 10810 (Part 50)
132	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 66kV up to and including 220kV	Partial Discharge Test	IS 7098 (Part 3) (Cl.19.2.1.h), IS 10810 (Part 46)
133	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages from 66kV up to and including 220kV	Void and Contamination Test	IS 7098 (Part 3) (Cl.19.1.b.vi,20.1)
134	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 66kV upto and including 220kV	Impulse Withstand Test followed by HV Test	IS 7098 (Part 3) (Cl.19.1.r), IS 10810 (Part 47)
135	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages from 66kV upto and including 220kV	Load Cycle Test followed by PD Measurement	IS 7098 (Part 3) (Cl.19.1.q)
136	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages From 66kV upto and including 220kV	Longitudinal Water Tightness Test	IS 7098 (Part 3) (Cl.19.1.j & 20.8)
137	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to 66kV	Tensile Strength after Ageing in Air Oven	IS 7098 (Part 3) (Cl.19.1.b.III) & 19.1.g.ii), IS 10810 (Part 11)

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138	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages up to 66kV	Conductor Resistance	IS 7098 (Part 3) (Cl.19.1.a.II), IS 10810 (Part 5)
139	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages up to 66kV	High Voltage Test at Room Temperature	IS 7098 (Part 3) (Cl.19.2.1.j), IS 10810 (Part 45)
140	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to 66kV	Loss of Mass Test	IS 7098 (Part 3) (Cl.19.1.g.iii), IS 10810 (Part 10)
141	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to 66kV	Tensile strength and elongation at break on Insulation and Sheath	IS 7098 (Part 3) (Cl.19.1.b.II), IS 10810 (Part 7)
142	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages up to 66kV	Test for Eccentricity and Thickness of Insulation and Sheath/Overall Dimensions	IS 7098 (Part 3) (Cl.19.1.b.1, 19.1.e & 19.1.g.1), IS 10810 (Part 6)
143	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages up to and including 1100 V	Tensile Strength & Elongation at Break for Armouring Material	IS 7098 (Part 1) (Cl.15.1.b.2.i &ii, Amend-03), IS 10810 (Part 37) (Cl.15.1.b.2.i &ii, Amend-03, IS 10810 (Part 37)
144	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100 V	Test for eccentricity andThickness of insulationand sheath / OverallDimensions	IS 7098 (Part 1) (Cl.15.1.c), IS 10810 (Part 6)
145	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Armour Coverage Percentage Test	IS 7098 (Part 1) (Cl.13.1.2), IS 7098 (Part 1)
146	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Cold Bend Test	IS 7098 (Part 1) (Cl.15.4.a), IS 10810 (Part 20)
147	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Conductor Resistance	IS 7098 (Part 1) (Cl.15.1.a.iv), IS 10810 (Part 5)
148	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Dimension for armouring material	IS 7098 (Part 1) (Cl.15.1.b.1), IS 10810 (Part 36)
149	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Flame Retardant Test on Bunched cable	IS 7098 (Part 1) (Cl.15.1.1.c), IS 10810 (Part 62)
150	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Flame Retardant Test on Single cable (Swidish Chimney)	IS 7098 (Part 1) (Cl.16.10, 15.1.1.b), IS 10810 (Part 61)
151	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Flammability Test	IS 7098 (Part 1) (Cl.15.1.h), IS 10810 (Part 53)

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152	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Heat Shock test on Insulation & Sheath	IS 7098 (Part 1) (Cl.15.1.e.6), IS 10810 (Part 14)
153	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	High Voltage test at room temperature	IS 7098 (Part 1) (Cl.15.1.g), IS 10810 (Part 45)
154	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Hot deformation test /Pressure Test at High Temperature	IS 7098 (Part 1) (Cl.15.1.e.5), IS 10810 (Part 15)
155	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Hot Set Test	IS 7098 (Part 1) (Cl.15.1.d.3), IS 10810 (Part 30)
156	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Insulation Resistance 500V to 5000V	IS 7098 (Part 1) (Cl.15.1.f), IS 10810 (Part 43)
157	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Loss of Mass test	IS 7098 (Part 1) (Cl.15.1.e.3), IS 10810 (Part 10)
158	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Mass of Zinc Coating	IS 7098 (Part 1) (Cl.15.1.b.2.6), IS 10810 (Part 41)
159	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Resistivity & Conductance test of Armour (Wires/strips)	IS 7098 (Part 1) (Cl.15.1.b.2.7), IS 10810 (Part 42)
160	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Shrinkage Test	IS 7098 (Part 1) (Cl.15.1.d.iv), IS 10810 (Part 12)
161	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Tensile Strength after Ageing in air oven	IS 7098 (Part 1) (Cl.15.1.d.2), IS 10810 (Part 11)
162	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Tensile strength and elongation at break on Insulation and Sheath	IS 7098 (Part 1) (Cl.15.1.d.1), IS 10810 (Part 7)
163	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Thermal Stability	IS 7098 (Part 1) (Cl.15.1.e.vii), IS 10810 (Part 60)
164	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Torsion Test on Galvanized Steel Wire for Armouring	IS 7098 (Part 1) (Cl.15.1.b.2.3), IS 10810 (Part 38)
165	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Uniformity of Zinc Coating (Dip Test)	IS 7098 (Part 1) (Cl.15.1.b.2.5), IS 10810 (Part 40)

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166	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Water Absorption Test (Gravimetric)	IS 7098 (Part 1) (Cl.15.1.d.v), IS 10810 (Part 33)
167	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages up to and including 1100V	Winding/ Wrapping Test on Galvanized steel strip for Armouring	IS 7098 (Part 1) (Cl.15.1.b.2.4), IS 10810 (Part 39)
168	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Cold Impact Test	IS 7098 (Part 1) (Cl.15.4.b), IS 10810 (Part 21)
169	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables for Working Voltages upto and including 1100V	Halogen Acid Gas Evolution /Corrosive & Halogen Acid Gas	IS 7098 (Part 1) (Cl.15.1.1.f), IS 10810 (Part 59)
170	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto and including 1100V	Oxygen Index Test /Temperature Index Test	IS 7098 (Part 1) (Cl.15.1.1.C1.a&d, 15.1.1.C2.a&g, Amend.-01), IS 10810 (Part 58)
171	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed cables for working voltages upto from 66kV to 220kV	Heat Shock test on Insulation & Sheath	IS 7098 (Part 3) (Cl.19.1.g.iv), IS 10810 (Part 14)
172	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic sheathed cables Working voltage from 66kV including 220kV	Impulse withstand Test followed by hv test	IS 7098 (Part 3) (Cl.19.1.r), IS 10810 (Part 47)
173	ELECTRICAL- CABLES & WIRES	Cross Linked Polyethylene Insulated Thermoplastic Sheathed Cables Working Voltage from 66kV to 220kV	Partial Discharge Test	IS 7098 (Part 3) (Cl.19.2.1.h), IS 10810 (Part 46)
174	ELECTRICAL- CABLES & WIRES	Determination of acidity (by pH measurement) and conductivity	pH and Conductivity Test	IEC 60754-2
175	ELECTRICAL- CABLES & WIRES	Determination of Toxicity Index	Toxicity Index	DEF-02-713
176	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Annealing Test for Copper Wire	IS 9968 (Part 2), IS 10810 (Part 1)
177	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Bending Test	IS 9968 (Part 2), IS 10810 (Part 50)
178	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Cold Impact Test	IS 9968 (Part 2), IS 10810 (Part 21)
179	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Conductor Resistance Test	IS 9968 (Part 2), IS 10810 (Part 5)
180	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Dielectric Power Factor Test as a Function of Temperature	IS 9968 (Part 2), IS 10810 (Part 48)
181	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Dielectric Power Factor Test as a Function of Voltage	IS 9968 (Part 2), IS 10810 (Part 48)

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182	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Dimension for Armouring Material	IS 9968 (Part 2), IS 10810 (Part 36)
183	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Flammability Test/Test Under Fire Conditions	IS 9968 (Part 2), IS 10810 (Part 53)
184	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Heat Cycle Test	IS 9968 (Part 2), IS 10810 (Part 49)
185	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Heat Shock Test	IS 9968 (Part 2), IS 10810 (Part 14)
186	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	High Voltage Test (4 Hour Test)	IS 9968 (Part 2), IS 10810 (Part 45)
187	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Hot Deformation Test	IS 9968 (Part 2), IS 10810 (Part 15)
188	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Hot Set Test	IS 9968 (Part 2), IS 10810 (Part 30)
189	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Impulse Withstand Test	IS 9968 (Part 2), IS 10810 (Part 47)
190	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Insulation Resistance Test	IS 9968 (Part 2), IS 10810 (Part 43)
191	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Loss of Mass in Air Oven	IS 9968 (Part 2), IS 10810 (Part 10)
192	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Mass of Zinc Coating	IS 9968 (Part 2), IS 10810 (Part 41)
193	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Oil Resistance Test	IS 9968 (Part 2), IS 10810 (Part 31)
194	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Ozone Resistance Test	IS 9968 (Part 2), IS 10810 (Part 13)
195	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Partial Discharge Test	IS 9968 (Part 2), IS 10810 (Part 46)
196	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Persulphate Test (Tinned Copper Conductor)	IS 9968 (Part 2), IS 10810 (Part 4)
197	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Resistivity and Conductance Test of Armour (Wire/Strip)	IS 9968 (Part 2), IS 10810 (Part 42)
198	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Shrinkage Test	IS 9968 (Part 2), IS 10810 (Part 12)
199	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Tear Resistance Test	IS 9968 (Part 2), IS 10810 (Part 17)
200	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Tensile Strength after Ageing in Air Bomb	IS 9968 (Part 2), IS 10810 (Part 56)

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201	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Tensile Strength after Ageing in Air Oven	IS 9968 (Part 2), IS 10810 (Part 11)
202	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Tensile Strength and Elongation at Break of Armouring Material	IS 9968 (Part 2), IS 10810 (Part 37)
203	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Tensile Strength and Elongation at Break on Insulation and Sheath	IS 9968 (Part 2), IS 10810 (Part 7)
204	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Tensile Strength for Aluminium Wires	IS 9968 (Part 2), IS 10810 (Part 2)
205	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Test for Eccentricity and Thickness of insulation and Sheath /Overall Dimensions	IS 9968 (Part 2), IS 10810 (Part 6)
206	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Thermal Stability	IS 9968 (Part 2), IS 10810 (Part 60)
207	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Torsion Test on Galvanized Steel Wire for Armouring	IS 9968 (Part 2), IS 10810 (Part 38)
208	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Uniformity of Zinc Coating (Dip Test)	IS 9968 (Part 2), IS 10810 (Part 40)
209	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Water Absorption Test (Electrical)	IS 9968 (Part 2), IS 10810 (Part 28)
210	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages from 3.3kV to 33kV	Winding/ Wrapping Test on Galvanized steel strip for Armouring	IS 9968 (Part 2), IS 10810 (Part 39)
211	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages from 3.3kV to 33kV	Wrapping Test for Aluminium Wires	IS 9968 (Part 2), IS 10810 (Part 3)
212	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages up to and including 1100V	Conductor Resistance Test	IS 9968 (Part 1), IS 10810 (Part 5)
213	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages up to and including 1100V	Insulation Resistance Test	IS 9968 (Part 1), IS 10810 (Part 43)
214	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages up to and Including 1100V	Oil Resistance Test	IS 9968 (Part 1), IS 10810 (Part 31)
215	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for Working Voltages up to and including 1100V	Tensile Strength after Ageing in Air Oven	IS 9968 (Part 1), IS 10810 (Part 11)
216	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Annealing Test for Copper Wire	IS 9968 (Part 1), IS 10810 (Part 1)
217	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Flammability Test/Test Under Fire Conditions	IS 9968 (Part 1), IS 10810 (Part 53)

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218	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	High Voltage (Water Immersion) Test	IS 9968 (Part 1), IS 10810 (Part 45)
219	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Hot Set Test	IS 9968 (Part 1), IS 10810 (Part 30)
220	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Persulphate Test (Tinned Copper Conductor)	IS 9968 (Part 1), IS 10810 (Part 4)
221	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Tear Resistance Test	IS 9968 (Part 1), IS 10810 (Part 17)
222	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Tensile Strength after Ageing in Air Bomb	IS 9968 (Part 1), IS 10810 (Part 56)
223	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Tensile Strength after Ageing in Oxygen Bomb	IS 9968 (Part 1), IS 10810 (Part 16)
224	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Tensile Strength and Elongation at Break on Insulation and Sheath	IS 9968 (Part 1), IS 10810 (Part 7)
225	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Tensile Strength for Aluminium Wires	IS 9968 (Part 1), IS 10810 (Part 2)
226	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Test for Eccentricity and Thickness of insulation and Sheath / Overall Dimensions	IS 9968 (Part 1), IS 10810 (Part 6)
227	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Water Absorption Test (Electrical)	IS 9968 (Part 1), IS 10810 (Part 28)
228	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Cables for working voltages upto and including 1100V	Wrapping Test for Aluminium Wires	IS 9968 (Part 1), IS 10810 (Part 3)
229	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Annealing Test for Copper Conductor	IS 14494, IS 10810 (Part 1)
230	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Bending Test	IS 14494, IS 10810 (Part 50)
231	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Conductor Resistance Test	IS 14494, IS 10810 (Part 5)
232	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Dielectric Power Factor Test as a Function of Temperature	IS 14494, IS 10810 (Part 48)
233	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Dimensions of Armouring Material	IS 14494, IS 10810 (Part 36)
234	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Flammability Test	IS 14494, IS 10810 (Part 53)
235	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Heating Cycle Test	IS 14494, IS 10810 (Part 49)

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236	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	High Voltage Test (4 Hour Test)	IS 14494, IS 10810 (Part 45)
237	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	High Voltage Test (Water Immersion)	IS 14494, IS 10810 (Part 45)
238	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Hot Set Test	IS 14255 (Cl.10.1.a.1), IS 10810 (Part 30)
239	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Insulation Resistance (Insulation Resistance Constant Test)	IS 14494, IS 10810 (Part 43)
240	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Mass of Zinc Coating	IS 14494, IS 10810 (Part 41)
241	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Oil Resistance Test	IS 14494, IS 10810 (Part 30)
242	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Ozone Resistance Test	IS 14494, IS 10810 (Part 13)
243	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Partial Discharge Test	IS 14494, IS 10810 (Part 46)
244	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Resistivity and Conductance Test of Armour (Wire/Strip)	IS 14494, IS 10810 (Part 42)
245	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Tear Resistance Test	IS 14494, IS 10810 (Part 17)
246	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Tensile Strength after Ageing in Air Bomb	IS 14494, IS 10810 (Part 56)
247	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Tensile Strength after Ageing in Air Oven	IS 14494, IS 10810 (Part 11)
248	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Tensile Strength and Elongation at Break of Armouring Material	IS 14494, IS 10810 (Part 37)
249	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Tensile Strength and Elongation at Break on Insulation and Sheath	IS 14494, IS 10810 (Part 7)
250	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Test for Thickness of Insulation and Sheath	IS 14494, IS 10810 (Part 6)
251	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Torsion Test (for Round Wires only)	IS 14494, IS 10810 (Part 38)
252	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Uniformity of Zinc Coating	IS 14494, IS 10810 (Part 40)
253	ELECTRICAL- CABLES & WIRES	Elastomer Insulated Flexible Cables for Use in Mines	Water Absorption Test (Electrical)	IS 14494, IS 10810 (Part 28)

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254	ELECTRICAL- CABLES & WIRES	Elastomeric Insulation and Sheath of Electric Cables	Tensile Strength after Ageing in Air Bomb	IS 6380, IS 10810 (Part 56)
255	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness	Measurement of Insulation Thickness Test	IEC/BS EN 60811-201
256	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 202: General tests – Measurement of thickness of non-metallic sheath	Measurement of Thickness of Non-metallic Sheath Test	IEC/BS EN 60811-202
257	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 203: General tests – Measurement of overall dimensions	Measurement of Overall Dimensions Test	IEC/BS EN 60811-203
258	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 401: Miscellaneous tests – Thermal ageing methods – Ageing in an air oven	Ageing in an Air Oven Test	IEC/BS EN 60811-401
259	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 402: Miscellaneous tests – Water absorption tests	Water Absorption Test (Gravimetric)	IEC/BS EN 60811-402
260	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 403: Miscellaneous tests – Ozone resistance test on cross-linked compounds	Ozone Resistance Test	IEC/BS EN 60811-403
261	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 404: Miscellaneous tests – Mineral oil immersion tests for sheaths	Mineral Oil Immersion Test for Sheath	IEC/BS EN 60811-404
262	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 405: Miscellaneous tests – Thermal stability test for PVC insulations and PVC sheaths	Thermal Stability Test	IEC/BS EN 60811-405
263	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 409: Miscellaneous tests – Loss of mass test for thermoplastic insulations and sheaths	Loss of Mass Test	IEC/BS EN 60811-409
264	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 412: Miscellaneous tests – Thermal ageing methods – Ageing in an air bomb	Ageing in an Air Bomb Test	IEC/BS EN 60811-412
265	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 501: Mechanical tests – Tests for determining the mechanical properties of insulating and sheathing compounds	Tests for determining the mechanical properties of insulating and sheathing compounds	IEC/BS EN 60811-501
266	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 502: Mechanical tests – Shrinkage test for insulations	Shrinkage test for insulation	IEC/BS EN 60811-502
267	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 503: Mechanical tests – Shrinkage test for sheaths	Shrinkage test for sheath	IEC 60811-503

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268	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 504: Mechanical tests – Bending tests at low temperature for insulation and sheaths	Bending tests at low temperature for insulation and sheath	IEC 60811-504
269	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 505: Mechanical tests – Elongation at low temperature for insulations and sheaths	Elongation at low temperature for insulations and sheath	IEC/BS EN 60811-505
270	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 506: Mechanical tests – Impact test at low temperature for insulations and sheaths	Impact test at low temperature for insulations and sheath	IEC/BS EN 60811-506
271	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 507: Mechanical tests – Hot set test for cross-linked materials	Hot set test for cross-linked material	IEC/BS EN 60811-507
272	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths	Pressure test at high temperature for insulation and sheath(Bending test at Low temperature Range of Temperature 0 Deg C to -40 Deg C) (Impact test at Low Temperature 0 Deg C to -40 Deg C) (Pressure Test at High Temperature:- 50 Deg C to 250 Deg C)	IEC/BS EN 60811-508
273	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 509: Mechanical tests – Test for resistance of insulations and sheaths to cracking (heat shock test)	Test for resistance of insulations and sheaths to cracking (heat shock test)	IEC/BS EN 60811-509
274	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 511: Mechanical tests – Measurement of the melt flow index of polyethylene compounds	Measurement of the melt flow index of polyethylene compound	IEC/BS EN 60811-511
275	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 605: Physical tests – Measurement of carbon black and/or mineral filler in polyethylene compounds	Measurement of Carbon Black Content Test	IEC/BS EN 60811-605
276	ELECTRICAL- CABLES & WIRES	Electric and optical fibre cables – Test methods for non-metallic materials – Part 607: Physical tests – Test for the assessment of carbon black dispersion in polyethylene and polypropylene	Carbon Black Dispersion Test	IEC/BS EN 60811-607
277	ELECTRICAL- CABLES & WIRES	Electric cable	Circuit integrity test under fire conditions	IEC-60331-21
278	ELECTRICAL- CABLES & WIRES	Electric Cable	Weather Resistance of the Insulating Sheath	IS0-4892

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279	ELECTRICAL- CABLES & WIRES	Electric cable Insulation & Sheath	Weather Resistance of the insulating Sheath	ASTM G-155
280	ELECTRICAL- CABLES & WIRES	Electric cable working voltage up to & including 0.6/1.0 kV	Circuit integrity Test under fire conditions	AS/NZS IEC 60331-1 to 3
281	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Adhesion Test on Hand Strippable Extruded Screen	AS/NZS 1429.1, AS/NZS 1660.2.5
282	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Annealing Test (for copper wire)	AS/NZS 1429.1, AS/NZS 1660.1
283	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Armour Wire Diameter	AS/NZS 1429.1, AS/NZS 1660.2.1
284	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Bending Test	AS/NZS 1429.1
285	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Compatibility Test	AS/NZS 1429.1, AS/NZS 1660.2.2
286	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Conductor Resistance Test	AS/NZS 1429.1, AS/NZS 1125
287	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	DDF (Tan Delta) Measurement as a Function of Voltage	AS/NZS 1429.1, AS/NZS 1660.3
288	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	DDF (Tan Delta) Measurement at Elevated Temperature	AS/NZS 1429.1, AS/NZS 1660.3
289	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Determination of Void and Contamination Test	AS/NZS 1429.1, AS/NZS 1660.2.5
290	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Heat Shock Test	AS/NZS 1429.1, AS/NZS 1660.2.3
291	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Heating Cycle Test	AS/NZS 1429.1
292	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	High Voltage Test for 1 Minute	AS/NZS 1429.1
293	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	High Voltage Test for 4 Hour	AS/NZS 1429.1
294	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	High Voltage Test for 5 & 15 Minutes	AS/NZS 1429.1
295	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Hot Set Test	AS/NZS 1429.1, AS/NZS 1660.2.2
296	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Impulse Withstand Test	AS/NZS 1429.1, AS/NZS 1660.3
297	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Insulation Resistance Constant	AS/NZS 1429.1, AS/NZS 1660.3

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298	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Loss of Mass Test	AS/NZS 1429.1, AS/NZS 1660.2.3
299	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Measurement of Thickness of Extruded Layer	AS/NZS 1429.1, AS/NZS 1660.2.1
300	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Measurement of Thickness of Insulation and Sheath/Overall Dimensions	AS/NZS 1429.1, AS/NZS 1660.2.1
301	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Oil Immersion Test	AS/NZS 1429.1, AS/NZS 1660.2.2
302	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Partial Discharge Test	AS/NZS 1429.1, AS/NZS 1660.2.3
303	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Pressure Test at High Temperature	AS/NZS 1429.1, AS/NZS 1660.2.3
304	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Shrinkage Test	AS/NZS 1429.1, AS/NZS 1660.2.1
305	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Strippability Test for Hand Strippable Extruded Screen	AS/NZS 1429.1, AS/NZS 1660.2.5
306	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Tensile Strength (For Aluminium)	AS/NZS 1429.1, AS/NZS 1660.1
307	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Tensile Strength after Ageing in Air Oven	AS/NZS 1429.1, AS/NZS 1660.2.2 & 1660.2.3
308	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Tensile Strength and Elongation at Break on Insulation and Sheath	AS/NZS 1429.1, AS/NZS 1660.2.1
309	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Test of Concentricity	AS/NZS 1429.1, AS/NZS 1660.2.1
310	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Volume Resistivity of Extruded Screen	AS/NZS 1429.1, AS/NZS 1660.3
311	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for working voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Water Penetration Test	AS/NZS 1429.1
312	ELECTRICAL- CABLES & WIRES	Electric Cables - Polymer Insulate for Working Voltages 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Wrapping Test for Alumimium Wire	AS/NZS 1429.1, AS/NZS 1660.1
313	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Armour Wires for Cables	BS 7211
314	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Conductor Resistance Test	BS 7211

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315	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Ageing in Air Oven Test	BS 7211
316	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Annealing Test	BS 7211
317	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Bending Test at Low Temperature	BS 7211
318	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Compatibility Test	BS 7211
319	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Corossive and Acid Gas/Determination of the amount of halogen acid gas evolution	BS 7211
320	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Durability of Printed Information	BS 7211
321	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Elongation Test at Low Temperature	BS 7211
322	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Flame Propagation on Single Cable Test	BS 7211
323	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Hot Set Test	BS 7211
324	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Impact Test at Low Temperature	BS 7211
325	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Insulation Resistance Constant Test	BS 7211

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326	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Insulation Resistance Test at 90 Deg C	BS 7211
327	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Minimum Tensile Strength & Minimum Elongation at Break Test	BS 7211
328	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Ovality Test	BS 7211
329	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Ozone Resistance Test	BS 7211
330	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Pressure Test at High Temperature	BS 7211
331	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Shrinkage Test	BS 7211
332	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Smoke Emission Test	BS 7211
333	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Thickness Test of Insulation and Sheath	BS 7211
334	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Vertical Flame Spread of Bunched Wires and Cables	BS 7211
335	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Voltage Test on Cores	BS 7211
336	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Voltage Withstand Test	BS 7211

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337	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Water Absorption Test (Gravimetric)	BS 7211
338	ELECTRICAL- CABLES & WIRES	Electric cables – Thermosetting insulated and thermoplastic sheathed cables for voltages up to and including 450/750 V for electric power and lighting and having low emission of smoke and corrosive gases when affected by fire	Water Immersion Test	BS 7211
339	ELECTRICAL- CABLES & WIRES	Electric Cables Insulation & Sheath	Fire test method cable and Busways (Cat. C)	AS/NZS 3013
340	ELECTRICAL- CABLES & WIRES	Electric Cables Insulation & Sheath	Mechanical Test method Impact test (Cat. Z)	Appendix D of AS/NZS: 3013
341	ELECTRICAL- CABLES & WIRES	Electric Cables insulation & Sheath	Water test method cable and Busways (Cat, W)	AS/NZS: 3013
342	ELECTRICAL- CABLES & WIRES	Electric Cables Insulation &Sheath	Mechanical test method Cutting test	AS/NZS: 3013
343	ELECTRICAL- CABLES & WIRES	Electric cables polymer insulate for working voltage 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Multiple (Bunched) cable Vertical Flame Propagation Test	AS/NZS 1429.1 :2005, AS/NZS: 60332-3-21 to 25
344	ELECTRICAL- CABLES & WIRES	Electric Cables Polymer insulate for working voltage1.9//3.3 (3.6) kV up to and including 19/33 (36) kV	Smoke emission test	AS/NZS 1429.1 :2005, AS/NZS IEC-61034-2
345	ELECTRICAL- CABLES & WIRES	Electric cables Polymer insulated for working voltage 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Acid and corrosive gas emission pH & Conductivity test	AS/NZS 1429.1 :2005, AS/NZS: 1660.5.4
346	ELECTRICAL- CABLES & WIRES	Electric cables Polymer insulated for working voltage 1.9/3.3 (3.6) kV up to and including 19/33 (36) kV	Halogen acid gas evolution	AS/NZS 1429.1 :2005, AS/NZS: IEC 60754-1
347	ELECTRICAL- CABLES & WIRES	Electric cables Polymer insulated for working voltage 1.9/3.3 (3.6) kV up to including 19/33 (36)kV	Vertical flame propagation test on single cable	AS/NZS 1429.1 :2005, AS/NZS: 1660.5.6
348	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Anti-rodent and Anti-termite Test	AAI Specification
349	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Bleeding and Blooming Test	IS 5831, IS 10810 (Part 19)
350	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Density and Specific Gravity (Relative Density) of Plastics by Displacement	IEC/BS EN 60811 (Part 606)
351	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Environmental Stress Cracking Test	IS 10810 (Part 29)
352	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Flame Retardant Test on Single cable (Swedish Chimney)	SS 424 1475

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353	ELECTRICAL- CABLES & WIRES	Electrical cable insulation & Sheath	Oxygen index/ Temperature Index	ASTM D 2863
354	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Smoke Density Rating	ASTM D2843
355	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Smoke Density under Fire condition	IEC/BS EN 61034-2
356	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Spark Test	IS 10810 (Part 44)
357	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Tensile Strength after Ageing in Air Bomb	IS 10810 (Part-56)
358	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Tensile Strength after Ageing in Oxygen Bomb	IS 10810 (Part 16)
359	ELECTRICAL- CABLES & WIRES	Electrical Cable Insulation & Sheath	Test for Colour Fastness to Water	IS 5831
360	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Check for Absence of Faults on the Insulation	BS EN 50618, EN 62230
361	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Checking Continuity of Tin	BS EN 50618
362	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Cold Bending Test	BS EN 50618, IEC/BS EN 60811-504
363	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Cold Elongation Test	BS EN 50618, IEC/BS EN 60811-505
364	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Cold Impact Test	BS EN 50618, IEC/BS EN 60811-506
365	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Compatibility Test	BS EN 50618, IEC/BS EN 60811-401
366	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Damp Heat Test	BS EN 50618, EN 60228-2-78
367	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Dynamic Penetration Test	BS EN 50618
368	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Hot Set Test	BS EN 50618, IEC/BS EN 60811-507
369	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Long Term Resistance of Insulation to d.c.	BS EN 50618, BS EN 50395
370	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Maximum Diameter of Wire in Conductor	BS EN 50618, BS EN 60228
371	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Measurement of Insulation Resistance	BS EN 50618, BS EN 50395

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372	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Measurement of the Resistance of Conductor/ Conductor Resistance Test	BS EN 50618, BS EN 60228
373	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Measurement of Thickness of Insulation & Sheath	BS EN 50618
374	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Ovality Test	BS EN 50618, BS EN 50395
375	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Ozone Resistance on Complete Cable	BS EN 50618, BS EN 50396
376	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Ozone Resistance on Complete Cable	BS EN 50618, IEC/BS EN 60811-403
377	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Sheath Resistance against Acid and Alkaline Solution	BS EN 50618, IEC/BS EN 60811-404
378	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Shrinkage Test on Sheath	BS EN 50618, IEC/BS EN 60811-503
379	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Smoke Emission of Complete Cable	BS EN 50618, IEC/BS EN 61034-2
380	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Surface Resistance of Sheath	BS EN 50618, BS EN 50395
381	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Tensile Strength after Ageing in Air Oven	BS EN 50618, IEC/BS EN 60811-401
382	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Tensile Strength and Elongation at Break on Insulation and Sheath	BS EN 50618, IEC/BS EN 60811-501
383	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Test for Vertical Flame Propagation on Complete Cable	BS EN 50618, BS EN 60332-1-2
384	ELECTRICAL- CABLES & WIRES	Electrical Cables for Photovoltaic System	Voltage Test on Completed Cable	BS EN 50618, BS EN 50395
385	ELECTRICAL- CABLES & WIRES	Galvanized Mild Steel Wire for Armouring of Cables	Adhesion of Coating	AS/NZS 3863
386	ELECTRICAL- CABLES & WIRES	Galvanized Mild Steel Wire for Armouring of Cables	Coating Mass/Mass of Zinc Coating	AS/NZS 3863
387	ELECTRICAL- CABLES & WIRES	Galvanized Mild Steel Wire for Armouring of Cables	Resistivity of Armour Wire	AS/NZS 3863
388	ELECTRICAL- CABLES & WIRES	Galvanized Mild Steel Wire for Armouring of Cables	Tensile Strength and Elongation at Break of Armouring Material	AS/NZS 3863

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389	ELECTRICAL- CABLES & WIRES	Galvanized Mild Steel Wire for Armouring of Cables	Torsion Test	AS/NZS 3863
390	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working Voltages up to and including 1100V	Conductor Resistance Test	IS 17048, IS 10810 (Part 5)
391	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working Voltages up to and including 1100V	Flammability Test	IS 17048, IS 10810 (Part 53)
392	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working Voltages up to and including 1100V	Ozone Resistance Test	IS 17048, IS 10810 (Part 13)
393	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages up to and including 1100V	Wrapping Test (for Aluminium)	IS 17048, IS 10810 (Part 3)
394	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Annealing Test (for Copper)	IS 17048, IS 10810 (Part 1)
395	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Cold Bend Test	IS 17048, IS 10810 (Part 20)
396	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Cold Impact Test	IS 17048, IS 10810 (Part 21)
397	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Flame Retardant Test	IS 17048, IS 10810 (Part 61)
398	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	High Voltage Test	IS 17048, IS 10810 (Part 45)
399	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Hot Deformation Test	IS 17048, IS 10810 (Part 15)
400	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Hot Set Test	IS 17048, IS 10810 (Part 30)
401	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Insulation resistance Test	IS 17048, IS 10810 (Part 43)
402	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Oxygen Index Test	IS 17048, IS 10810 (Part 58)
403	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Persuphate Test for Tinned Copper	IS 17048, IS 10810 (Part 4)
404	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Smoke Density Test	IS 17048, IS 10810 (Part 63)
405	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Temperature Index Test	IS 17048, IS 10810 (Part 64)
406	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Tensile Strength after Ageing in Air Oven	IS 17048, IS 10810 (Part 11)

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407	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Tensile Strength and Elongation of Insulation and Sheath	IS 17048, IS 10810 (Part 7)
408	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Tensile Test (for Aluminium)	IS 17048, IS 10810 (Part 2)
409	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Test for Overall Dimensions and Thickness of Insulation and Sheath	IS 17048, IS 10810 (Part 6)
410	ELECTRICAL- CABLES & WIRES	Halogen Free Flame Retardant (HFFR) Cable for Working voltages upto and including 1100V	Water Immersion Test (Effect of Water on Sheath)	IS 17048, IS 10810 (Part 7)
411	ELECTRICAL- CABLES & WIRES	Insulated Cable & Wire	Measurement of Thickness test	IS 10810 P-06
412	ELECTRICAL- CABLES & WIRES	Insulated & Sheathed Cable	Hydrolytic Stability	ASTM-3137-81
413	ELECTRICAL- CABLES & WIRES	Insulated Cables & Wires	Hot Set Test	IS 10810-P-30
414	ELECTRICAL- CABLES & WIRES	Insulated Cables & Wires	Permanent Set Test	IS-10810 P-30
415	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Dimension for armouring material	IS 3975 (Cl.7), IS 10810 (Part 36)
416	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Mass of Zinc Coating	IS 3975 (Cl. 9.1), IS 108104 (Part 41)
417	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Resistivity &Conductance test of Armour (Wires/strips)	IS 3975 (Cl.8.4), IS 10810 (Part 42)
418	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Tensile strength &Elongation at break for armouring Material	IS 3975 (Cl.8), IS 10810 (Part 37)
419	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Torsion Test on Galvanized steel wire for Armouring	IS 3975 (Cl.8.2), IS 10810 (Part 38)
420	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Uniformity of Zinc coating (Dip Test)	IS 3975 (Cl.9..2), IS 10810 (Part 40)
421	ELECTRICAL- CABLES & WIRES	Low Carbon Galvanized Steel Wires, Formed Wires and Tapes for Armouring of Cables	Winding/ Wrapping Test on Galvanized steel strip for Armouring	IS 3975 (Cl.8.3), IS 10810 (Part 39)
422	ELECTRICAL- CABLES & WIRES	Overhead distribution cable of rated voltage 0.6/1.0 (1.2)kV	Absence of Capillary Water rising Clause 2.7.1	HD-626 S-1 (Part-2)
423	ELECTRICAL- CABLES & WIRES	Overhead distribution cable of rated voltage 0.6/1.0 (1.2)kV	Adhesion of Insulating Sheath to the conductor of the messenger Neutral Core Clause 2.2	HD-626 S-1 (Part-2)

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424	ELECTRICAL- CABLES & WIRES	Overhead distribution cable of rated voltage 0.6/1.0 (1.2)kV	Breaking Strength for Conductor Clause 2.1	HD-626 S-1 (Part-2)
425	ELECTRICAL- CABLES & WIRES	Overhead distribution cable of rated voltage 0.6/1.0 (1.2)kV	Carbon black content test Clause 3 Table 2	HD-626-S-1:1996 / EN 60811
426	ELECTRICAL- CABLES & WIRES	Overhead distribution cable of rated voltage 0.6/1.0 (1.2)kV	Water absorption test Clause 4	HD-626-S-1:1996 /EN 60811-1-3
427	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Measurement of Armour Diameter Clause 11.2	AS/NZS 5000.1
428	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Measurement of insulation thickness Clause 6.3	AS/NZS 5000.1
429	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Measurement of metallic sheath thickness Clause 12.3	AS/NZS 5000.1
430	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Measurement of thickness of Polyamide jacket Clause 15	AS/NZS 5000.1
431	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Measurement thickness of over Sheath Clause 13.4 and separation layer Clause 10.3	AS/NZS 5000.1
432	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Shrinkage test	AS/NZS 5000.1:2005 /AS/NZS 1660.2
433	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Tensile strength	AS/NZS 5000.1
434	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Tensile strength after ageing in air oven	AS/NZS 5000.1
435	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Tensile Test (for aluminium)	AS/NZS 5000.1
436	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Vertical flame propagation	AS/NZS 5000.1
437	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1 (1.2)kV	Volume Resistivity	AS/NZS 5000.1
438	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Compatibility test after ageing in an air oven for insulation separation layer (if any) and over sheath (Tensile Strength)	AS/NZS 5000.1:2005 / AS/NZS 1660.2.2
439	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Compatibility test after ageing in an air oven for insulation, separation layer (if any) and over sheath (Elongation at break)	AS/NZS 5000.1:2005 / AS/NZS 1660.2.2
440	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Conductor Resistance on completed cable	AS/NZS 5000.1:2005 / AS/NZS 1125

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441	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Elongation at Break	AS/NZS 5000.1
442	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Elongation at break after ageing in air oven	AZ/NZS 5000.1:2005 / AS/NZS 1660.2.2 and AS/NZS 1660.2.3
443	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Heat Shock test	AS/NZS 5000.1:2005 /AS/NZS 1660.2.3
444	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	High Voltage Test	AS/NZS 5000.1:2005 / AS/NZS 1660.3
445	ELECTRICAL- CABLES & WIRES	Polymeric insulated & Sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Insulation Resistance	AS/NZS 5000.1
446	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Pressure test at High Temperature	AS/NZS 5000.1:2005 / AS/NZS 1660.2.3
447	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2) kV	Wrapping test (for aluminium)	AS/NZS 5000.1:2005 / AS/NZS 1660.1
448	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2)kV	Annealing Test	AS/NZS 5000.1:2005 / AS/NZS 1660.1
449	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltage up to and including 0.6/1.0 (1.2)kV	Loss of Mass test	AS/NZS 5000.1:2005 / AS/NZS 1660.2.3
450	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2) kV	Acid & Corrosive gas Emission pH & Conductivity	AS/NZS 5000.1:2005 / AS/NZS 1660.5.4:1998 /IEC 60754-2
451	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2) kV	Carbon black content test	AS/NZS 5000.1:2005 / AS/NZS 1660.2.4
452	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2) kV	Carbon black dispersion test	AS/NZS 5000.1:2005 / AS/NZS 1660.2.4
453	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2) kV	Minimum Oxygen Concentration	AS/NZS 5000.1
454	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2)kV	Hot set test	AS/NZS 5000.1
455	ELECTRICAL- CABLES & WIRES	Polymeric insulated & sheathed electric cable for working voltages up to and including 0.6/1 (1.2)kV	Oil immersion test	AS/NZS 5000.1:2005 / AS/NZS 1660.2.2
456	ELECTRICAL- CABLES & WIRES	Polyvinyl chloride insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltage up to & including 1100V	Annealing test (For copper conductor)	IS 694 (Cl.10.3.a.1), IS 10810 (Part 1)
457	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Cold Bend Test	IS 694 (Cl.10.iii.c.8), IS 10810 (Part 20)
458	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Cold Impact Test	IS 694 (Cl.10.3.c.9), IS 10810 (Part 21)

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459	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Conductor Resistance	IS 694 (Cl.10.3.a.4), IS 10810 (Part 5)
460	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Flammability Test	IS 694 (Cl.10.3.e.5), IS 10810 (Part 53)
461	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Halogen Acid Gas Evolution /Corrosive & halogen acid gas	IS 694 (Cl.10.3.c.13), IS 10810 (Part 59)
462	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Heat Shock test on Insulation & Sheath	IS 694 (Cl.10.3.c.5), IS 10810 (Part 14)
463	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	High Voltage test (Water immersion)	IS 694 (Cl.10.1), IS 10810 (Part 45)
464	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	High Voltage test at room temperature	IS 694 (Cl.10.2), IS 10810 (Part 45)
465	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Hot deformation test /Pressure Test at High Temperature	IS 694 (Cl.10.3.c.6), IS 10810 (Part 15)
466	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Insulation Resistance 500V to 5000V	IS 694 (Cl.10.3.e.3), IS 10810 (Part 43)
467	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Loss of Mass test	IS 694 (Cl.10.iii.c.2), IS 10810 (Part 10)
468	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Oxygen Index Test /Temperature Index Test	IS 694 (Cl.10.3.c.11,12), IS 10810 (Part 58)
469	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Shrinkage Test	IS 694 (Cl.10.3.c.4), IS 10810 (Part 12)
470	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Tensile Strength after Ageing in air oven	IS 694 (Cl.10.3.c.3), IS 10810 (Part 11)
471	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Tensile strength and elongation at break on Insulation and Sheath	IS 694 (Cl.10.3.c.1), IS 10810 (Part 7)
472	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Tensile Test (for Aluminum)	IS 694 (Table 1, Sr.No.iii),a),2), IS 10810 (Part 2)

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473	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Test for eccentricity and Thickness of insulation and sheath / Overall Dimensions	IS 694 (Cl.10.3.b), IS 10810 (Part 6)
474	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Thermal Stability at 200°C	IS 694 (Table 1,SI.No.iii),c),7), IS 10810 (Part 60)
475	ELECTRICAL- CABLES & WIRES	Polyvinyl Chloride Insulated unsheathed and sheathed cables/cords with rigid and flexible conductor for rated voltages up to and including 1100V	Wrapping Test (for Aluminum)	IS 694 (Table1,SI.iii), a),3), IS 10810 (Part 3)
476	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Bending test	IEC 60840 Cl. No 12.4.3
477	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Flame propagation test on single cable	IEC 60840:2020 Cl No. 12.5.14 ,IEC 60332-1-2
478	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Ozone Resistance test	IEC 60840 Cl. No 12.5.10
479	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Smoke density test on complete cable	IEC 60840, IEC-61034-2
480	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Cold Impact Test	IEC 60840 Cl. No 12.5.8
481	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Lighting impulse Voltage Test	IEC 60840 Cl.No. 12.4.7
482	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) upto 150 kV	Test for determining the mechanical properties of insulation before and after ageing	IEC-60840 Cl. No. 12.5.3
483	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltage form 6kV to 30kV	Heat Cycle Test	IEC 60502-2 (Cl.18.2.7), IEC 60502-2
484	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150 kV	Tan delta measurement Test	IEC 60840 Cl. No 12.4.5
485	ELECTRICAL- CABLES & WIRES	Power Cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Carbon black Content Test	IEC 60840 Cl.No 12.5.13
486	ELECTRICAL- CABLES & WIRES	Power Cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Cold Elongation test	IEC 60840 Cl.No 12.5.8
487	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Compatibility Test	IEC 60840 Cl. No. 12.5.5
488	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	High Voltage Test	IEC 60840 Cl. No 12.4
489	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Loss of Mass Test	IEC-60840 Cl. No 12.5.6

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490	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Oxygen index test	IEC 60840 :2020 ASTM D 2863
491	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Smoke density test	IEC 60840:2020, ASTM D 2843
492	ELECTRICAL- CABLES & WIRES	Power cable with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Test for determining the mechanical properties of over sheath before and after ageing	IEC 60840 Cl. No 12.5.4
493	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Adhesion Strength of metal foil	IEC 60840 Cl.No. 10.14
494	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages 6kV to 30kV	Flammability Test	IEC 60502-2 (Cl.19.16), IEC 60332 (Part-1 & 2)
495	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Loss of Mass Test	IEC 60502-2 (Cl.19.8), IEC/BS EN:60811 (Part 409)
496	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Halogen acid gas test	IEC 60840:2020, IEC 60754-1
497	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150 kV	Measurement of density of HDPE & MDPE	IEC 60840 Cl. No 12.5.12
498	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) Up to 150 kV	Thickness of insulation	IEC-60840 Cl.No. 10.6
499	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Electrical Resistance of Conductor	IEC:60840 Cl. No. 10.5
500	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Heat Shock Test	IEC 60840 Cl. No 12.5.9
501	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Heating Cycle Voltage test	IEC 60840 Cl.No 12.4.6
502	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Hot Set Test	IEC 60840 Cl. No 12.5.11
503	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Pressure test at High temperature	IEC 60840 Cl.No. 12.5.7
504	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Shrinkage Test	IEC 60840 Cl.No.12.5.17,12.5.18
505	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltage above 30kV (Um=36kV) up to 150kV	Water absorption Test	IEC 60840 Cl. No 12
506	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltage from 6kV to 30kV	High Voltage test (4 hour Test)	IEC 60502-1 (Cl.17.3), IS 10810 (Part 45)
507	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Hot set Test	IEC 60502-2 (Cl.19.13), IEC/BS EN 60811-507

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508	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Impulse Withstand Test	IEC 60502-2 (Cl.18.2.8)
509	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages 6kV to 30kV	Cold Bend Test	IEC 60502 (Part 2) (Cl.19.10), IEC/BS EN 60811 (Part 504)
510	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages 6kV to 30kV	Cold Impact Test	IEC 60502-2 (Cl.19.10), IEC/BS EN 60811 (Part 506)
511	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages 6kV to 30kV	Elongation Test at Low Temperature	IEC 60502-2 (Cl.18.8,19.10), IEC/BS EN 60811 (Part 505)
512	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages 6kV to 30kV	Thermal Stability	IEC 60502-2 (Cl.19.19), IEC/BS EN 60811-405
513	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150 kV	Ageing in Air Bomb	IEC 60840
514	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150 kV	Overall Dimension Test	IEC:60840 Cl. No 10.8
515	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Partial discharge test	IEC 60840 Cl.No 12.4.4
516	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Vertical flame spread of vertically mounted bunched	IEC 60840 Cl. No 12.5.14
517	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages above 30kV (Um=36kV) up to 150kV	Water penetration Test	IEC 60840 Cl.No 10.13
518	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages for 1kV to 3kV	Impulse Withstand test	IEC 60502-1 (Cl.17.4), IEC 60502-1
519	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Carbon Content Test	IEC 60502-1 (Cl.18.15), IEC/BS EN 60811 (Part 605)
520	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Cold Bend Test	IEC 60502-1 (Cl.18.8), IEC/BS EN 60811 (Part 504)
521	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 1kV to 3kV	Cold Impact Test	IEC 60502-1 (Cl.18.8), IEC/BS EN 60811 (Part-506)
522	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 1kV to 3kV	Elongation Test at Low Temperature	IEC 60502-1, IEC/BS EN 60811-505
523	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Flame Retardant Test on Bunched cable	IEC 60502-1 (Cl.18.14), IEC 60332-3 (Part 22, 23, 24)
524	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Flammability test	IEC 60502-1 (Cl.18.14), IEC 60332 (Part 1 & 2)
525	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 1kV to 3kV	Halogen Acid Gas Evolution /Corrosive & Halogen Acid Gas	IEC 60502-1, IEC 60754 (Part-1)
526	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Heat Shock test on Insulation & Sheath	IEC 60502-1 (Cl.18.9), IEC/BS EN 60811 (Part 509)

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527	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	High Voltage Test (4 hour Test)	IEC 60502-1 (Cl.17.3), IS 10810 (Part 45)
528	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	High Voltage test at room temperature	IEC 60502-1 (Cl.15.3), IEC/BS EN 60811 (301 & 302)
529	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Hot deformation test /Pressure Test at High Temperature	IEC 60502-1 (Cl.18.7), IEC/BS EN 60811 (Part 508)
530	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Hot Set Test	IEC 60502-1 (Cl.18.11), IEC/BS EN 60811 (Part 507)
531	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Impulse Withstand Test	IEC 60502-1 (Cl.17.4), IEC 60502-1
532	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Insulation Resistance 500V to 5000V	IEC 60502-1 (Cl.17.1.2), IEC/BS EN 60811 (Part-301 & 302)
533	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Loss of Mass Test	IEC 60502-1 (Cl.18.6), IEC/BS EN 60811-409
534	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Shrinkage Test	IEC 60502-1, IEC/BS EN 60811 (Part-502 & 503)
535	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Tensile Strength after Ageing in air oven	IEC 60502-1 (Cl.18.4), BS EN 60811 (Part 401)
536	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Tensile strength and elongation at break on Insulation and Sheath	IEC 60502-1 (Cl.18.3), IEC/BS EN 60811-501
537	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Test for and Thickness of insulation and sheath/ Overall Dimensions	IEC 60502-1 (Cl.18.1), IEC/BS EN 60811 (Part-201, 202 & 203)
538	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Thermal Ageing Test for Complete Cable/Additional Ageing Test on Pieces of Completed Cables	IEC 60502-1 (Cl.18.5), IEC 60502-1
539	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Thermal Stability	IEC 60502-1, IEC/BS EN 60811 (Part 405)
540	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 1kV to 3kV	Water Absorption Test (Gravimetric)	IEC 60502-1 (Cl.18.7), IEC/BS EN 60811 (Part-402)
541	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded insulation and their accessories for rated voltages from 6kV to 30kV	Conductor Resistance	IEC 60502-2 (Cl.16.2), IEC 60228
542	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Dielectric Power Factor Test as a function of temperature	IEC 60502-2 (Cl.18.2.6), IEC 60502-2
543	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Dielectric Power Factor test as a function of temperature	IEC 60502-2 (Cl.18.2.6), IEC 60502-2

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544	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Heat Shock test on Insulation & Sheath	IEC 60502-2 (Cl.19.11), IEC/BS EN 60811 (Part-509)
545	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	High Voltage Test (4 hour Test)	IEC 60502-2 (Cl.16.4, 17.9, 18.2.9, 18.3.4), IS 10180 (Part 45)
546	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	High Voltage test (4 Hour test)	IEC 60502-2 (Cl.16.4,17.9,18.2.9,18.3.4), IS 10810 (Part 45)
547	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	High Voltage test at room temperature	IEC 60502-2 (Cl.18.2.9), IEC/BS EN 60811 (Part-301 & 302)
548	ELECTRICAL- CABLES & WIRES	Power cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	High Voltage Test at Room Temperature	IEC 60502-2 (Cl.18.2.9), IEC/BS EN 60811 (Part-301 &302)
549	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Hot deformation test /Pressure Test at High Temperature	IEC 60502-2 (Cl.19.9), IEC / BS EN 60811-508
550	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Impulse Withstand Test	IEC 60502-2 (Cl.18.2.8), IEC 60502-2
551	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Insulation Resistance 500V to 5000V	IEC 60502-2 (Cl.20.3), IEC/BS EN 60811 (Part-301 & 302)
552	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Shrinkage Test	IEC 60502-2 (Cl.18.16,19.18), IEC/BS EN 60811 (Part-502 & 503)
553	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 6kV to 30kV	Tensile Strength after Ageing in Air Oven	IEC 60502-2 (Cl.19.5), BS EN 60811 (Part-401)
554	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 6kV to 30kV	Tensile Strength and Elongation at Break on Insulation and Sheath	IEC 60502-2 (Cl.19.5), IEC/BS EN 60811 (Part 501)
555	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 6kV to 30kV	Test Method for Measurement of Insulation Thickness	IEC 60502-2 (Cl.17.5), IEC/ BS EN 60811 (Part-201)
556	ELECTRICAL- CABLES & WIRES	Power Cables with Extruded Insulation and their Accessories for Rated Voltages from 6kV to 30kV	Test Method for Measurement of Overall Dimensions	IEC 60502-2 (Cl.17.5 & 17.8), IEC/ BS EN 60811 (Part-203)
557	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Test Method for Measurement of Thickness of non metallic Sheath	IEC 60502-2 (Cl.17.5), IEC/ BS EN 60811 (Part 202)
558	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Thermal ageing test for complete cable/Additional Ageing Test on pieces of Completed Cables	IEC 60502-2 (Cl.19.5), IEC 60502-2
559	ELECTRICAL- CABLES & WIRES	Power Cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV	Water Absorption Test (Gravimetric)	IEC 60502-2 (Cl.19.9), IEC/BS EN 60811-402

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560	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric cables for working voltage from 3.3kV to 11kV	Heat Cycle Test	IS 1554 (Part 2) (Cl.18.1.j), IS 10810 (Part 49)
561	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages 3.3kV to 11kV	Flame Retardant Test on Single Cable (Swedish Chimney)	IS 1554 (Part 2) (Cl.19.10, 18.2.2.C1.b) & .C2.b), IS 10810 (Part 61)
562	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric cables for working voltages form 3.3kV to 11kV	Impulse Withstand Test	IS 1554 (Part 2) (Cl.18.1.k), IS 10810 (Part 47)
563	ELECTRICAL- CABLES & WIRES	PVC insulated (Heavy Duty) Electric cables for working voltages form 3.3kV to 11kV	Partial Discharge Test	IS 1554 (Part 2) (Cl.18.1.f), IS 10810 (Part 46)
564	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Conductor Resistance	IS 1554 (Part 2) (Cl.18.1.a.4), IS 10810 (Part 5)
565	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Dielectric Power Factor Test as a function of voltage	IS 1554 (Part 2) (Cl.18.1.h)1), IS 10810 (Part 48)
566	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Flame Retardant Test on Bunched cable	IS 1554 (Part 2) (Cl.18.1.3.C1.c & 18.1.3.C2.c), IS 10810 (Part 62)
567	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Flammability Test	IS 1554 (Part 2) (Cl.18.1.n), IS 10810 (Part 53)
568	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages from 3.3kV to 11kV	Halogen Acid Gas Evolution /Corrosive & Halogen Acid Gas	IS 1554 (Part 2) (Cl.18.1.3.C2.e), IS 10810 (Part 59)
569	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Heat Cycle Test	IS 1554 (Part 2) (Cl.18.1.j), IS 10810 (Part 49)
570	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Heat Shock test on Insulation & Sheath	IS 1554 (Part 2) (Cl.18.1.d.6), IS 10810 (Part 14)
571	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	High Voltage Test (4 hour Test)	IS 1554 (Part 2) (Cl.19.7), IS 10810 (Part 45)
572	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Impulse Withstand Test	IS 1554 (Part 2) (Cl.18.1.k), IS 10810 (Part 47)
573	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Loss of Mass Test	IS 1554 (Part 2) (Cl.18.1.d.5), IS 10810 (Part 10)
574	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages from 3.3kV to 11kV	Mass of Zinc Coating	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 41)
575	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Oxygen Index Test	IS 1554 (Part 2) (Cl.18.1.3.C1.a), d) & (Cl.18.1.3.C2.a), g), IS 10810 (Part 58)
576	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Partial Discharge Test	IS 1554 (Part 2) (Cl.18.1.f), IS 10810 (Part 46)

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577	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages from 3.3kV to 11kV	Shrinkage Test	IS 1554 (Part 2) (Cl.18.1.d.3), IS 10810 (Part 12)
578	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Tensile Strength & Elongation at Break for Armouring Material	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 37)
579	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages from 3.3kV to 11kV	Tensile Strength and Elongation at Break on Insulation and Sheath	IS 1554 (Part 2) (Cl.18.1.d.1), IS 10810 (Part 7)
580	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Thermal stability	IS 1554 (Part 2) (Cl.18.1.d.7), IS 10810 (Part 60)
581	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages from 3.3kV to 11kV	Torsion Test on Galvanized Steel Wire for Armouring	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 38)
582	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages From 3.3kV to 11kV	Winding/ Wrapping Teston Galvanized steel strip for Armouring	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 39)
583	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages from 3.3kV up to and including 11kV	Tensile Strength (for Aluminum Conductor)	IS 1554 (Part 2) (Cl.18.1.a.2), IS 10810 (Part 2)
584	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100 V	Tensile strength (for aluminum conductor)	IS 1554 (Part 1) (Cl.15.1.a.2), IS 10810 (Part 2)
585	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100 V	Torsion Test on Galvanized steel wire for Armouring	IS 1554 (Part 1) (Cl.15.1.b.2.3), IS 10810 (Part 38)
586	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	Armour Coverage Percentage Test	IS 1554 (Part 1) (Cl.13.1.2), IS 1554 (Part 1)
587	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Cold Bend Test	IS 1554 (Part 1) (Cl.15.4.a), IS 10810 (Part 20)
588	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Cold Impact Test	IS 1554 (Part 1) (Cl.15.4.b), IS 10810 (Part 21)
589	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Conductor Resistance	IS 1554 (Part 1) (Cl.15.1.a.4), IS 10810 (Part 5)
590	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Dimension for armouring material	IS 1554 (Part 1) (Cl.15.1.b.1), IS 10810 (Part 36)
591	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Flame Retardant Test on Bunched cable	IS 1554 (Part 1) (Cl.15.1.1.c), IS 10810 (Part 62)
592	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	Flame Retardant Test on Single Cable (Swedish Chimney)	IS 1554 (Part 1) (Cl.15.1.1.b), IS 10810 (Part 61)
593	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Flammability Test	IS 1554 (Part 1) (Cl.15.1.h), IS 10810 (Part 53)
594	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Halogen Acid Gas Evolution /Corrosive & halogen acid gas	IS 1554 (Part 1) (Cl.15.1.1.f), IS 10810 (Part 59)

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595	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Heat Shock test on Insulation & Sheath	IS 1554 (Part 1) (Cl.15.1.d.6), IS 10810 (Part 14)
596	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	High Voltage test (Water Immersion)	IS 1554 (Part 1) (Cl.15.1.g), IS 10810 (Part 45)
597	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	High Voltage Test at Room Temperature	IS 1554 (Part 1) (Cl.15.1.g), IS 10810 (Part 45)
598	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	Hot Deformation Test /Pressure Test at High Temperature	IS 1554 (Part 1) (Cl.15.1.d.4), IS 10810 (Part 15)
599	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	Loss of Mass Test	IS 1554 (Part 1) (Cl.15.1.d.5), IS 10810 (Part 10)
600	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Mass of Zinc Coating	IS 1554 (Part 1) (Cl.15.1.b.2.6), IS 10810 (Part 41)
601	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Oxygen Index Test /Temperature Index Test	IS 1554 (Part 1) (Cl.15.1.1.C1.a&d,15.1.1.C2.a& g Amend.01), IS 10810 (Part 58)
602	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric Cables for Working Voltages up to 1100V	Resistivity & Conductance Test of Armour (Wires/Strips)	IS 1554 (Part 1) (Cl.15.1.b.2.7), IS 10810 (Part 42)
603	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Tensile strength & Elongation at break for armouring material	IS 1554 (Part 1) (Cl.15.1.b.2.1), IS 10810 (Part 37)
604	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Tensile Strength after Ageing in air oven	IS 1554 (Part 1) (Cl.15.1.d.2), IS 10810 (Part 11)
605	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Test for eccentricity and Thickness of insulation and sheath/Overall Dimensions	IS 1554 (Part 1) (Cl.15.1.c), IS 10810 (Part 6)
606	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages up to 1100V	Winding/ Wrapping Test on Galvanized steel strip for Armouring	IS 1554 (Part 1) (Cl.15.1.b.2.4), IS 10810 (Part 39)
607	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto 1100V	Shrinkage Test	IS 1554 (Part 1) (Cl.15.1.d.3), IS 10810 (Part 12)
608	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electric cables for working voltages upto 1100V	Tensile strength and elongation at break on Insulation and Sheath	IS 1554 (Part 1) (Cl.15.1.d.1), IS 10810 (Part 7)
609	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electrical cables for working voltages up to 1100V	Annealing Test (For Copper Conductor)	IS 1554 (Part 1) (Cl.15.1.a.1), IS 10810 (Part 1)
610	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electrical Cables for Working Voltages up to 1100V	Wrapping Test (for Aluminum)	IS 1554 (Part 1) (Cl.15.1.a.3), IS 10810 (Part 3)
611	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electrical cables for working voltages up to 3.3kV to 11kV	Annealing test (for copper)	IS 1554 (Part 2) (Cl.18.1.a).1), IS 10810 (Part 1)

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612	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty) Electrical cables for working voltages up to 3.3kV to 11kV	Wrapping test (for aluminum)	IS 1554 (Part 2) (Cl.18.1.a.3), IS 10810 (Part 3)
613	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages 3.3 kV to 11kV	Water Absorption Test (Gravimetric)	IS 1554 (Part 2) (Cl.18.1.d.8), IS 10810 (Part 33)
614	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Armour Coverage Percentage Test	IS 1554 (Part 2) (Cl.16.1.2), IS 1554 (Part 2)
615	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages From 3.3kV to 11kV	Cold Impact Test	IS 1554 (Part 2) (Cl.18.4), IS 10810 (Part 21)
616	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Dielectric Power Factor Test as a Function of Temperature	IS 1554 (Part 2) (Cl.18.1.h)2), IS 10810 (Part 48)
617	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Dimension for armouring material	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 36)
618	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Hot Deformation Test /Pressure Test at High Temperature	IS 1554 (Part 2) (Cl.18.1.d.4), IS 10810 (Part 15)
619	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Insulation Resistance at 500 & 5000V	IS 1554 (Part 2) (Cl.18.1.e), IS 10810 (Part 43)
620	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages From 3.3kV to 11kV	Resistivity &Conductance test of Armour (Wires/strips)	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 42)
621	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages from 3.3kV to 11kV	Tensile Strength after Ageing in air oven	IS 1554 (Part 2) (Cl.18.1.d.2), IS 10810 (Part 11)
622	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages From 3.3kV to 11kV	Test for eccentricity and Thickness of insulation and sheath / Overall Dimensions	IS 1554 (Part 2) (Cl.18.1.c), IS 10810 (Part 6)
623	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages From 3.3kV to 11kV	Uniformity of Zinc coating (Dip Test)	IS 1554 (Part 2) (Cl.18.1.b), IS 10810 (Part 40)
624	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages up to 1100V	Insulation Resistance at 500 to 5000V	IS 1554 (Part 1) (Cl.15.1.e), IS 10810 (Part 43)
625	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages up to 1100V	Thermal stability	IS 1554 (Part 1) (Cl.15.1.d.7), IS 10810 (Part 60)
626	ELECTRICAL- CABLES & WIRES	PVC Insulated (Heavy Duty)Electric cables for working voltages up to 1100V	Uniformity of Zinc coating (Dip Test)	IS 1554 (Part 1) (Cl.15.1.b), IS 10810 (Part 40)
627	ELECTRICAL- CABLES & WIRES	Resistance to stress cracking of polyethylene and polypropylene compounds	Environmental Stress Cracking Test	IEC/BS EN 60811-406
628	ELECTRICAL- CABLES & WIRES	Specification for PVC Insulation and Sheath of Electric Cables	Test of Colour Fastness to Water	IS 5831
629	ELECTRICAL- CABLES & WIRES	Standard Method for Rubber Property-Durometer Hardness	Shore D Hardness	ASTM D2240

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630	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Continuity Test for Tin or Silver Coating	AS/NZS 1660.1
631	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Mass of Coating forArmour Wires Test	AS/NZS 1660.1
632	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Measurement of Diameter of Wire	AS/NZS 1660.1
633	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Measurement of Thickness of Metallic Sheath	AS/NZS 1660.1
634	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Tensile Strength and Elongation Test for Conductor or Armour	AS/NZS 1660.1
635	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:1 Conductors and Metallic Components	Wrapping Test	AS/NZS 1660.1
636	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Bending Test at Low Temperature for Insulation	AS/NZS 1660.2.1
637	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Bending Test at Low Temperature for Sheath	AS/NZS 1660.2.1
638	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Elongation Test at Low Temperature for Insulation	AS/NZS 1660.2.1
639	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Elongation Test at Low Temperature for Sheath	AS/NZS 1660.2.1
640	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Impact test at low temperature for insulation and sheath	AS/NZS 1660.2.1
641	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Measurement of Thickness and Diameter	AS/NZS 1660.2.1
642	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Shrinkage Test for Insulation	AS/NZS 1660.2.1
643	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Tear Resistance Test	AS/NZS 1660.2.1
644	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Test for Determining the Mechanical Properties of Insulating and Sheathing Materials	AS/NZS 1660.2.1

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645	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Water Absorption Test (Electrical)	AS/NZS 1660.2.1
646	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.1 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods for general application	Water Absorption Test (Gravimetric)	AS/NZS 1660.2.1
647	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.2 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to eleastomeric, XLPE and XLPVC materials	Hot Set Test	AS/NZS 1660.2.2
648	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.2 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to eleastomeric, XLPE and XLPVC materials	Mineral Oil Immersion Test	AS/NZS 1660.2.2
649	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.2 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to eleastomeric, XLPE and XLPVC materials	Thermal Ageing Test	AS/NZS 1660.2.2
650	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.3 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to PVC and halogen free thermoplastic materials	Heat Shock Test (For Resistance to Cracking)	AS/NZS 1660.2.3
651	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.3 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to PVC and halogen free thermoplastic materials	Loss of Mass Test	AS/NZS 1660.2.3
652	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.3 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to PVC and halogen free thermoplastic materials	Pressure Test at High Temperature	AS/NZS 1660.2.3
653	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.3 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to PVC and halogen free thermoplastic materials	Thermal Ageing Test	AS/NZS 1660.2.3
654	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.3 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to PVC and halogen free thermoplastic materials	Thermal Stability of PVC Test	AS/NZS 1660.2.3
655	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.4 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Polyethylene and Polypropylene materials	Carbon Black Content Test	AS/NZS 1660.2.4

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656	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.4 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Polyethylene and Polypropylene materials	Determination of Carbon Black Dispersion Test	AS/NZS 1660.2.4
657	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.4 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Polyethylene and Polypropylene materials	Measurement of the melt flow index Test	AS/NZS 1660.2.4
658	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.4 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Polyethylene and Polypropylene materials	Resistance to Environmental Stress Cracking	AS/NZS 1660.2.4
659	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.5 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Cables above 1 kV	Adhesion Test for Hand Strippable Extruded Screens Test	AS/NZS 1660.2.5
660	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.5 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Cables above 1 kV	Method of Determination of Voids, Contaminants, Translucents in Insulation and Conductor Screen Projections into Insulation Test	AS/NZS 1660.2.5
661	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:2.5 Insulation, extruded semi-conductive screens and non-metallic sheaths-Methods specific to Cables above 1 kV	Strippability Test for Hand Strippable Extruded Screens Test	AS/NZS 1660.2.5
662	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Impulse Test	AS/NZS 1660.3
663	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Insulation Resistance Constant Test	AS/NZS 1660.3
664	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Partial Discharge Test	AS/NZS 1660.3
665	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Tan Delta Measurement as a function of Temperature	AS/NZS 1660.3
666	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Tan Delta Measurement as a function of Voltage	AS/NZS 1660.3
667	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Voltage Test	AS/NZS 1660.3
668	ELECTRICAL- CABLES & WIRES	Test methods for electric cables, cords and conductors Method:3 Electrical Tests	Volume Resistivity of Semi-conductive Screens	AS/NZS 1660.3

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669	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Bending Test at Low Temperature / Cold Bend Test	BS 6724, IEC/BS EN 60811-504
670	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Compatibility Test	BS 6724, IEC/BS EN 60811-401
671	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Conductor Resistance Test	BS 6724, BS EN 60228
672	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Corrosive and Acid Gas / Halogen Acid Gas Evolution	BS 6724, IEC/BS EN 60754-1
673	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Dimension for Armouring Material	BS EN 6724
674	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Elongation Test at Low Temperature/Cold Elongation Test	BS 6724, IEC/BS EN 60811-505
675	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Flame Propagation on Multiple Cables	BS 6724, BS EN 60332-3-24
676	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Flame Propagation on Single Cable	BS 6724, BS EN 60332-1-2
677	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Hot Set Test	BS 6724, IEC/BS EN 60811-507
678	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Impact Test at Low Temperature / Cold Impact Test	BS 6724, IEC/BS EN 60811-506
679	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Insulation Resistance Constant of Oversheath	BS 6724

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680	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Mass of Zinc Coating	BS 6724
681	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Ovality Test	BS 6724
682	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Pressure Test at High Temperature / Hot Deformation Test	BS 6724, IEC/BS EN 60811-508
683	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Shrinkage Test on Insulation	BS 6724, IEC/BS EN 60811-502
684	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Shrinkage Test on Oversheath	BS 6724
685	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Smoke Emission / Measurement of Smoke Density of Cables Burning under defined conditions	BS 6724, BS EN 61034-2
686	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Tensile Strength (for Aluminium Wire)	BS 6724
687	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Tensile Strength after Ageing in Air Oven	BS 6724, IEC/BS EN 60811-401
688	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Tensile Strength and Elongation at Break of Insulation and Sheath	BS 6724, IEC/BS EN 60811-501
689	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Test for Eccentricity and Thickness of Insulation and Sheath / Overall Dimensions	BS 6724, BS EN 50396
690	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Voltage Test on Complete Cable	BS 6724, BS EN 50395

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691	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Water Absorption Test (Gravimetric)	BS 6724, IEC/BS EN 60811-402
692	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured Cables of Rated Voltages of 600/1000 V and 1900/3300 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Wrapping Test for Armouring	BS 6724
693	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Bending Test at Low Temperature / Cold Bend Test	BS 7846, IEC/BS EN 60811-504
694	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Compatibility Test	BS 7846, IEC/BS EN 60811-401
695	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Conductor Resistance Test	BS 7846, BS EN 60228
696	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Corrosive and Acid Gas / Halogen Acid Gas Evolution	BS 7846, IEC/BS EN 60754-1
697	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Dimension for Armouring Material	BS 7846
698	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Elongation Test at Low Temperature / Cold Elongation Test	BS 7846, IEC/BS EN 60811-505
699	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Flame Propagation on Multiple Cables	BS 7846, BS EN 60332-3-24
700	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Flame Propagation on Single Cable	BS 7846, BS EN 60332-1-2
701	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Hot Set Test	BS 7846, IEC/BS EN 60811-507

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702	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Impact Test at Low Temperature/Cold Impact Test	BS 7846, IEC/BS EN 60811-506
703	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Insulation Resistance Over sheath	BS 7846
704	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Mass of Zinc Coating	BS 7846
705	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Ovality Test	BS 7846
706	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Pressure Test at High Temperature / Hot Deformation Test	BS 7846, IEC/BS EN 60811-508
707	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Resistance to Fire (Category F30, Category F60, Category 120)	BS 7846, BS 8491
708	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Resistance to fire alone (Protocol C)	BS 7846, BS 6387
709	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Resistance to fire to with water (Protocol W)	BS 7846, BS 6387
710	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Resistance to Fire to with Water (Protocol Z)	BS 7846, BS 6387
711	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Shrinkage Test on Insulation	BS 7846, IEC/BS EN 60811-502
712	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Shrinkage Test on Oversheath	BS 7846

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713	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Smoke Emission / Measurement of Smoke Density of Cables Burning under Defined Conditions	BS 7846, BS EN 61034-2
714	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Tensile Strength after Ageing in Air Oven	BS 7846, IEC/BS EN 60811-401
715	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Tensile Strength and Elongation at Break of Insulation and Sheath	BS 7846, IEC/BS EN 60811-501
716	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Test for Eccentricity and Thickness of Insulation and Sheath / Overall Dimensions	BS 7846, BS EN 50396
717	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Voltage Test on Complete Cable	BS 7846, BS EN 50395
718	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Water Absorption Test (Gravimetric)	BS 7846, IEC/BS EN 60811-402
719	ELECTRICAL- CABLES & WIRES	Thermosetting Insulated, Armoured, Fire-resistant Cables of Rated Voltages of 600/1000 V for fixed installations, having low emission of smoke and corrosive gases when affected by fire	Wrapping Test for Armouring	BS 7846
720	ELECTRICAL- CABLES & WIRES	UV Exposure of Non-Metallic Materials	UV Test	ASTM G151, ASTM G154
721	ELECTRICAL- CABLES & WIRES	Welding Cables	Annealing Test for Copper Conductor	IS 9857, IS 10810 (Part 1)
722	ELECTRICAL- CABLES & WIRES	Welding Cables	Conductor Resistance Test	IS 9857, IS 10810 (Part 5)
723	ELECTRICAL- CABLES & WIRES	Welding Cables	Flammability Test	IS 9857, IS 10810 (Part 53)
724	ELECTRICAL- CABLES & WIRES	Welding Cables	High Voltage Test (Water Immersion Test)	IS 9857, IS 10810 (Part 45)
725	ELECTRICAL- CABLES & WIRES	Welding Cables	Hot Set Test	IS 9857, IS 10810 (Part 30)
726	ELECTRICAL- CABLES & WIRES	Welding Cables	Oil Resistance Test	IS 9857, IS 10810 (Part 31)

SCOPE OF ACCREDITATION

Laboratory Name :	APAR INDUSTRIES LIMITED (UNIT: UNIFLEX CABLES - LAB DIVISION), PLOT NO : 158-163, UMBERGAON, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8337	**Page No**	47 of 47
Validity	25/03/2021 to 24/03/2023	**Last Amended on**	28/10/2021

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
727	ELECTRICAL- CABLES & WIRES	Welding Cables	Tensile Strength after Ageing in Air Bomb	IS 9857, IS 10810 (Part 56)
728	ELECTRICAL- CABLES & WIRES	Welding Cables	Tensile Strength after Ageing in Air Oven	IS 9857, IS 10810 (Part 11)
729	ELECTRICAL- CABLES & WIRES	Welding Cables	Tensile Strength and Elongation at Break for Covering	IS 9857, IS 10810 (Part 7)
730	ELECTRICAL- CABLES & WIRES	Welding Cables	Test for Thickness of Covering	IS 9857, IS 10810 (Part 6)