



M.P. MADHYA KSHETRA VIDYUT VITRAN COMPANY LIMITED

(Government of M. P. Undertaking)

Regd. Office: Nishtha Parisar, Govindpura Bhopal 462023

Website portal.mpcz.in

CIN NUMBER: U40109MP2002SGC015119

NABL ACCREDITED LAB REGISTRATION CERTIFICATE

Lab Name & Address	M/s BHARTI AUTOMATION PVT LTD Registered Office Address:PLOT NO-354,SECTOR-7, IMT MANESAR manesar , Gurgaon , Haryana , 122051
TC No.	TC-7253 (July 5, 2023 to July 4, 2025)
Registration No.	CZN01202312058565
Date of Issue	Dec. 5, 2023
Valid up To	July 4, 2025
Application for	MP Discom(CZ/EZ/WZ)

***Name of items**

1	33 KV Arial Bunch under ground Cable 95 sq mm.
2	STAY WIRE 7/3.15 MM.(7/10 SWG) .
3	PVC insulated PVC sheathed 3.5 core 150 sqmm Aluminium conductor 1100 Volts.
4	Stay Wire 7/3.15 mm.(7/10 SWG) kg per stay for PCC Pole 140 kg 8 m @ 5.5, 200 Kg. 9 m @ 6.5, RSJ 9.3 m.@ 6.5.
5	LT XLPE CABLE ARIAL BUNCH 3CX25+1CX16+1CX35 Sqmm LT XLPE Insulated AB Cable with Insulated Messenger.
6	Stay Wire 7/3.15 mm.(7/10 SWG).
7	LT XLPE CABLE ARIAL BUNCH 1CX25+1CX16+1CX35 Sqmm LT XLPE Insulated AB Cable with Insulated Messenger.
8	STAY GI WIRE 7/4.00 MM.(7/8 SWG) .
9	PVC insulated 4 core unarmoured 16 sqmm Aluminium conductor 1100 Volts.
10	11 KV Arial Bunch Cable 3x150+1x120 sq mm messenger wire.
11	11 KV Arial Bunch Cable 3x185+1x150 sq mm messenger wire.
12	11 KV Arial Bunch Cable 3x35+1x70 sq mm messenger wire.
13	11 KV Under-Ground XLPE armoured Cable 3X70 Sq.mm..
14	LT XLPE Air bunch cable 3x70 sqmm + 1x35 sqmm +1x16 sqmm withaluminium alloy insulated messenger wire.
15	LT XLPE Arial Bunch XLPE Cable 3X70 + 1X16 + 1X50 Sq mm with aluminiumalloy Bare messenger wire.
16	Covered conductor 70 sq. mm. XLPE insulation for 11KV.
17	11 KV Under-Ground XLPE armoured Cable 3X150 Sq.mm..
18	Copper Control Cable 10 Core. 2.5 Sq.mm. (Armoured).
19	Copper Control Cable 8 Core. 2.5 Sq.mm. (Unarmoured).
20	PVC insulated PVC sheathed 3.5 core 70 sqmm Aluminium conductor 1100 Volts.
21	PVC insulated 2 core 6 sqmm Armoured Aluminium conductor 1100 Volts.
22	XLPE Cable 1 core unarmoured 400 sqmm Aluminium conductor cable 1100 Volts.
23	LT XLPE Aerial bunched XLPE Cable 3 X 50 + 1 X 35 + 1 X 25 sq.mm. STREET LIGHT PHASE, 1100 VOLTS (insulated neutral messenger).
24	LT XLPE Cable Arial Bunch 1X25 + 1X16+1X25 Sq mm. 1100 Volts baremessenger wire.
25	33 KV under ground XLPE armoured Cable 3X240 Sq.mm..
26	LT XLPE Arial Bunch Cable 3X95 + 1X16 + 1X50 Sq mm. with aluminium alloyBare messenger wire.
27	XLPE Cable 1 core unarmoured 95 sqmm Aluminium conductor cable 1100 Volts.
28	XLPE Cable 1 core unarmoured 25 sqmm Aluminium conductor cable 1100 Volts.
29	LT XLPE Air Bunch cable 1x35 sq. mm+1x25 sq.mm.insulated neutral cummessenger +1x16 sq.mm street light phase, 1100 Volts.
30	LT XLPE Air Bunch cable 3x16 sq. mm+1x25 sq.mm.insulated neutral cummessenger +1x16 sq.mm street light phase, 1100 Volts.
31	LT XLPE Arial Bunch XLPE Cable 3x25 + 1x16 sq.mm.insulated netural cummessenger.
32	33 KV under ground XLPE armoured Cable 3X95 Sq.mm..
33	LT XLPE Arial Bunch 3X25 +1X35 Sqmm (insulated nuetral massenger).
34	PVC insulated 4 core unarmoured 6 sqmm Aluminium conductor 1100 Volts.
35	XLPE Cable 1 core unarmoured 300 sqmm Aluminium conductor cable 1100 Volts.
36	PVC insulated 2 core 2.5 sqmm Armoured Aluminium conductor 1100 Volts.
37	33 KV under ground XLPE armoured Cable 3X185 Sq.mm..
38	PVC Cable 3.5 Core 500 Sqmm Aluminium Conductor 1100 Volts.
39	LT XLPE Air Bunch cable 3x25 sq. mm+1x35 sq.mm.Bare neutral cum messenger+1x16 sq.mm street light phase, 1100 Volts.
40	33 KV under ground XLPE armoured Cable 3X400 Sq.mm..
41	11 KV Arial Bunch Cable 3x200+1x150 sq mm messenger wire.
42	11 KV CT Outdoor Oil immersed type, 3 Core, 600-300/5-5-1Amp, Class 0.5 fordifferential protection.

43	Copper Control Cable 12 Core. 2.5 Sq.mm. (Unarmoured).
44	33 KV Arial Bunch under ground Cable 300 sq mm.
45	11 KV Under-Ground XLPE armoured Cable 3X120 Sq.mm..
46	Copper Control Cable 2 Core. 2.5 Sq.mm. (Armoured).
47	LT XLPE Arial Bunch XLPE Cable 3X25 + 1X16 + 1X25 Sq mm. with aluminiumalloy Bare messenger wire.
48	33 KV CT OUTDOOR TYPE 200-100/ 5-5 AMP.
49	AAAC Rabbit conductor 0.05 sq. inch. (55 sq.mm. Al.Eq.).
50	11 KV Arial Bunch Cable 3x70+1x70 sq mm messenger wire.
51	AAAC Weasel conductor 0.03 sq. inch. (34 sq.mm. Al.Eq.).
52	PVC insulated 2 core 4 sqmm Armoured Aluminium conductor 1100 Volts.
53	AAAC Dog conductor 0.10 sq. inch (100 sq.mm. Al.Eq.).
54	Copper Control Cable 12 Core. 2.5 Sq.mm. (Armoured).
55	AAAC Raccoon conductor 0.075 sq. inch (80 sq.mm. Al.Eq.).
56	11 KV.C.Ts.(Outdoor dry type) 600-300/5 Amps.
57	AAAC Panther conductor 0.20 sq. inch (200 sq.mm Al.Eq.).
58	33 KV CTs.Outdoor Oil immersed type 300-150/5 Amps.
59	AAAC Squirrel conductor 0.02sq. inch. (20 sq.mm. Al.Aq.).
60	33 KV CT Outdoor Oil immersed type 300-150/5-5 Amp.
61	ACSR Rabbit conductor 0.05 sq. inch (55 sq.mm. Al.Eq.), (6/.3.35 + 1/3.35 mm).
62	LT ring type CT 300/5 A.
63	ACSR Raccoon conductor 0.075 sq. inch (80 sq.mm. Al.Eq.), (6/4.09 + 1/4.09 mm).
64	132 kV 50/1 A,0.2 s class CT.
65	ACSR Panther conductor 0.20 sq. inch (200 sq.mm Al.Eq.).
66	LT ring type CT 150/5 A.
67	Vibration Damper suitable for ACSR Panther conductor .
68	LT ring type CT 200/5 A.
69	Single Tension Strain set for ACSR Panther Conductor .
70	11 KV.C.Ts.(Outdoor dry type) 500-250/5 Amps.
71	Double Tension Strain set for ACSR Panther Conductor .
72	220 kV 200/1 A,0.2 s class CT.
73	Single Suspension Strain Set for ACSR Panther Conductor .
74	33 KV CT Outdoor Oil immersed type, 3 Core, 300-150/5-5-1 Amp, Class 0.5 fordifferential protection.
75	Mid span compression Joints suitable for ACSR Panther conductor .
76	LT ring type CT 100/5 A.
77	XLPE Cable 1 core unarmoured 35 sqmm Aluminium conductor cable 1100 Volts.
78	LT ring type CT 600/5 A.
79	Copper Control Cable 8 Core. 2.5 Sq.mm. (Armoured) .
80	11 KV.C.Ts.(Outdoor dry type) 300-150/5 Amps.
81	XLPE Cable 1 core unarmoured 150 sqmm Aluminium conductor cable 1100 Volts.
82	33 KV CTs.Outdoor Oil immersed type 400-200/5 Amps.
83	PVC Cable 3.5 Core 240 Sqmm Aluminium Conductor 1100 Volts.
84	33 KV CT Outdoor Oil immersed type, 3 Core, 200-100/5-5-1 Amp, Class 0.5 fordifferential protection.
85	LT XLPE CABLE ARIAL BUNCH 3CX35+1CX16+1CX35 Sqmm LT XLPE Insulated AB Cable with Insulated Messenger.
86	Piercing connector Type-II (Main 16-50 sqmm tap-off 16-50 sqmm).
87	33 KV Arial Bunch under ground Cable 50 sq mm.

**Remark:- Subject to NABL scope of testing*

Signed by:**CGM QC**

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