

SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS FOR CVT

Name of the tendering company			
Sl. No.	Description	220 KV	132 KV
1)	Manufacturer's Name & Type Designation	Mehrui Elect. & Mech. Engg. P. Ltd., Bhiwadi (Rajasthan), India	Mehrui Elect. & Mech. Engg. P. Ltd., Bhiwadi (Rajasthan), India
2)	Rated primary Voltage(KV)	220 kV	132 kV
3)	Number of Secondary windings	3	3
4)	Rated Secondary Voltage(KV)	110 V / $\sqrt{3}$	110 V / $\sqrt{3}$
5)	Rated Burden(VA)	50 VA	50 VA
	Winding -I	50 VA	50 VA
	Winding -II	50 VA	50 VA
6)	Accuracy Class	3P	3P
	Winding -I	3P for Winding-2	3P for Winding-2
	Winding -II	0.2 for winding-3	0.2 for winding-3
7)	Maximum ratio error with rated burden and 5% normal primary voltage	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
8)	Maximum phase angle error with rated burden and 5% normal primary voltage	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
9)	Variation in ratio and Phase angle error for variation in	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
a)	Voltage by 1%	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
b)	Frequency by 1 Hz	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
10)	Temperature rise at 1.1 times rated voltage with rated burden	Within limits as per IS 3156/1992	Within limits as per IS 3156/1992
11)	Rated Voltage factor and time.	1.2 Cont. & 1.5 for 30 Seconds	1.2 Cont. & 1.5 for 30 Seconds
12)	1/250 micro second impulse wave withstand test voltage (KV peak)	1050 kVp	650 kVp
13)	One minute power frequency withstand test (dry) Voltage KV rms.	460 kV	275 kV
14)	One minute power frequency withstand test (wet) Voltage KV rms.	460 kV	275 kV
15)	One Minute Power Frequency withstand voltage on secondary (KV rms)	5.3 kV	3 kV
16)	Minimum creepage distance (mm)	25 mm / kV i.e: 6125 mm (Min.)	3650 mm (Min.)
17)	Total	25 mm / kV i.e: 3625 mm (Min.)	3650 mm (Min.)
18)	Protected	50% of creepage distance	50% of creepage distance
19)	Whether corona shield provided or not ?	No	No
20)	Weight of oil (Kg.)	As per Tentative G.A. Drawing enclosed	As per Tentative G.A. Drawing enclosed
21)	Total Weight(Kg.)	As per Tentative G.A. Drawing enclosed	As per Tentative G.A. Drawing enclosed
22)	Overall dimensions	As per Tentative G.A. Drawing enclosed	As per Tentative G.A. Drawing enclosed
23)	Mounting Details	As per Tentative G.A. Drawing enclosed	As per Tentative G.A. Drawing enclosed

21 JUL 2023

ADOPTED FOR

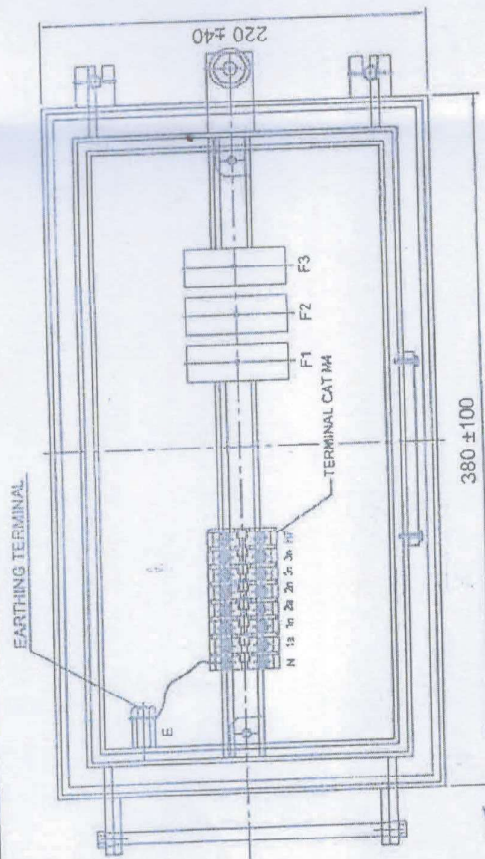
REF No. 49 / PR/BSPTCL/2022

Adapted for NIT-10

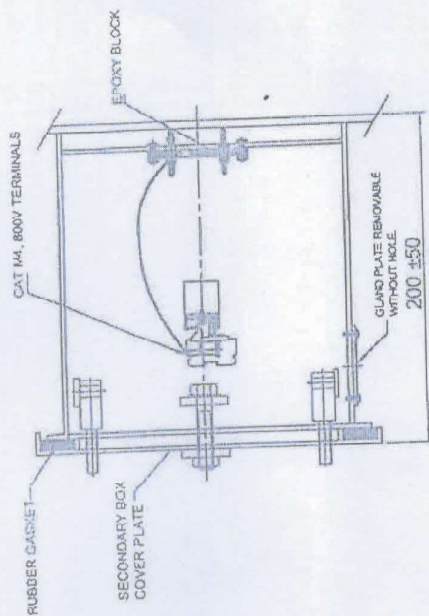
Approved as Corrected
Subject to the Condition That
You are Not Absolved to the
Responsibility of Correctness
Of Material

Electrical Superintending Engineer (Trans.)
Bihar State Power Transmission Co. Ltd., PATNA

① 28/11/23



FRONT VIEW



SIDE VIEW

HF: TAN DELTA TESTING TERMINAL
N: NEUTRAL TERMINAL
E: EARTHING TERMINAL
F1 F2&F3 - HRC FUSE 16AMP

NOTES:-

1. SECONDARY TERMINAL BOX SHALL BE PROVIDED REMOVABLE GLAND FOR THE CABLE.
2. SECONDARY TERMINAL BOX SHALL BE PROVIDED WITH COVER.
3. MS SHEET THICKNESS FOR TERMINAL BOX 2.5mm & FOR COVER 2mm(min).
4. MATERIAL OF GASKET: NITRILE BUTYL RUBBER/EPDM
5. DEGREE OF PROTECTION: IP 55

ADOPTED FOR
10/10/2022

9 JUL 2023

Subject to the Conditions
You Are Not Assuming
Responsibility Of Care

AT 114 800V

Electrical Engineering

MECHANICAL ENGINEERS PVT. LTD.

THE POWER TRANSMISSION COMPANY LIMITED.

[illegible]

6779. 6730 DATED 31.12.2015

SECONDARY TERMINAL BOX FOR 132KV
CAPACITOR VOLTAGE TRANSFORMER

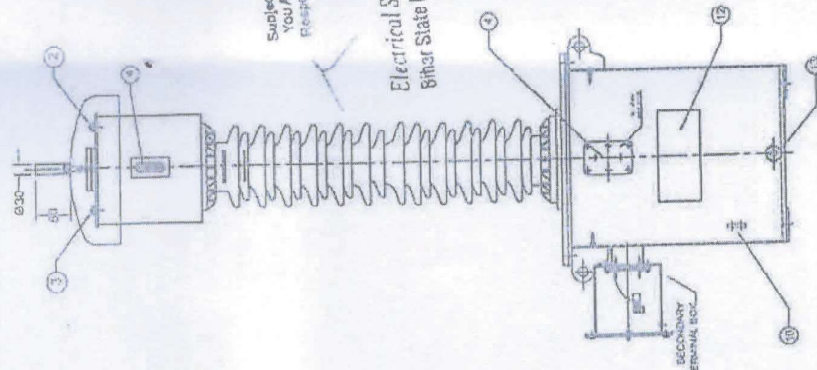
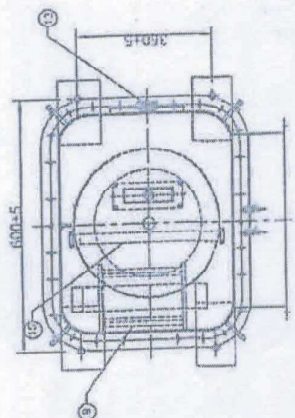
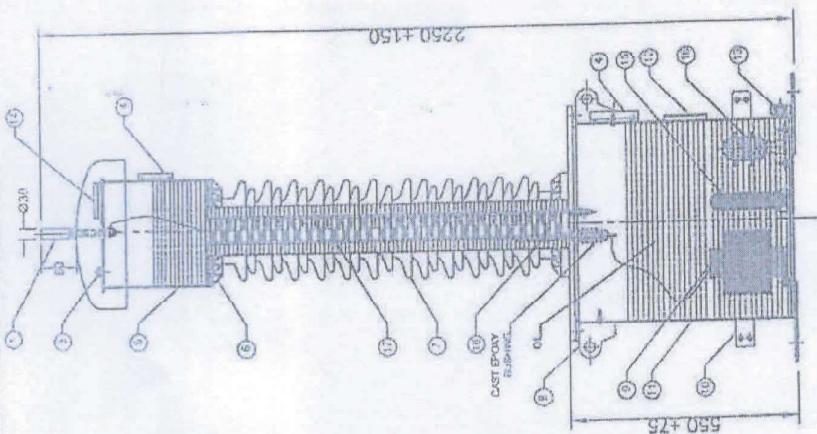
DUMMY TERMINAL (DETAIL)

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

[illegible]

ALSTOM	NE-130CVT-STB-7354-01	REV
ALSTOM	NE-130CVT-STB-7354-01	00

ALSTOM	NE-130CVT-STB-7354-01	REV
ALSTOM	NE-130CVT-STB-7354-01	00



Approved
Subject to The Condition That
You Are Not Approved to this
Responsibility of the
Of the

Electrical Superintending Engineer
Bihar State Power Transmission Co. Ltd., Patna

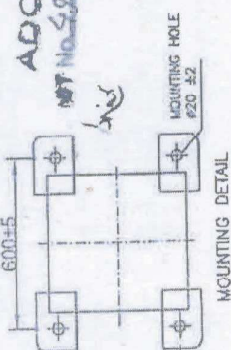
ADOPTED FOR
NET No. 58 - JPNB08TCL2022

Adopted for
NET-2018 R/ EMTCL/2023
28/11/23

NOTE :-
Make of Bushing : EC/MSI/ABL/MODERN/BHEL
All ferrous parts exposed to the atmosphere shall be Epoxy/P.U point
light gray confirming to shade 631 of IS:5

TOTAL CREEPAGE DISTANCE :- 3625mm (MIN)
QUANTITY IN LITRES :- 90 LITRES APPROX. 135
TOTAL WEIGHT OF CVT : 575 KGS APPROX. 520

S.No.	DESCRIPTION	QTY	UNIT
1	H.T TERMINAL	1	BRASS
2	NITROGEN VALVE	1	BRASS
3	OIL FILLING PLUG	1	M.S
4	OIL LEVEL INDICATOR	2	ALU.+ GLASS
5	OIL EXPANSION CHAMBER	1	M.S.
6	BUSHING CLAMP	2	G/CI
7	BUSHING(EC/ABL/MSI/MODERN/BHEL)	1	PORCELAIN
8	LIFTING HOOK	4	M.S
9	INDUCTION VOLTAGE TRANSFORMER	1	CIRCO/COPPER
10	EARTHING TERMINAL (FLAT)	2	M.S
11	TANK WITH COVER	1	M.S
12	NAME AND RATING PLATE	1	ALU. Anodized
13	OIL DRAIN PLUG	1	M.S
14	PRESSURE RELEASE DEVICE	1	ALU+Babbitt
15	COMPENSATING REACTOR	1	STD
16	FERRI RESONANCE SUPPRESSION CIRCUIT	1	STD
17	CAPACITOR ELEMENT	1	CIRCO/COPPER
18	VOLTAGE DIVIDER TAP CONNECTION	1	STD



MANUFACTURER: **NEHRU** ELECTRICAL & MECHANICAL ENGINEERS PVT. LTD.

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED.

DESIGN: **ALSTOM** ME-132CVT-SE-7354-01

DATE: 31.12.2015

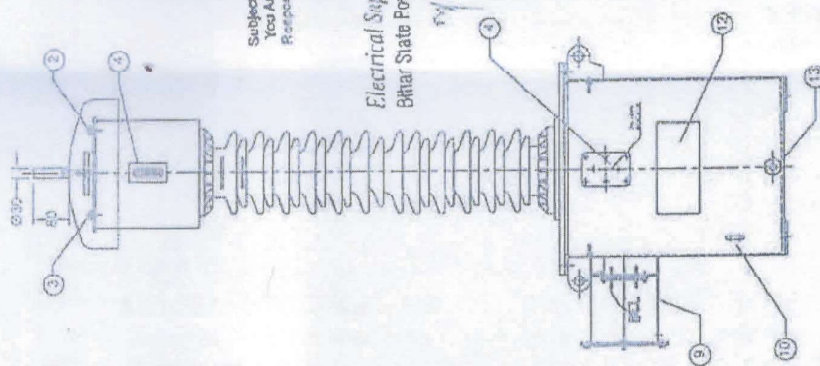
SECTIONAL ARRANGEMENT FOR 132KV CAPACITOR VOLTAGE TRANSFORMER

REVISIONS:

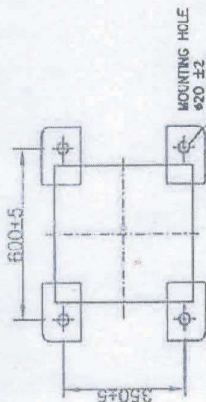
REV	DATE	DESCRIPTION	BY	CHKD	APPD
REV 01	31.12.2015	ISSUED FOR MANUFACTURE			

SCALE: 1:1

REV. 00



S.No.	DESCRIPTION	QTY	MATL
1	H.T TERMINAL	1	BRSS
2	NITROGEN VALVE	1	BRSS
3	OIL FILLING PLUG	1	M.S
4	OIL LEVEL INDICATOR	2	ALU.+ GLASS
5	OIL EXPANSION CHAMBER	1	M.S.
6	BUSING CLAMP	2	G/I/O
7	BUSING	1	PORCELAIN
8	LIFTING HOOK	4	M.S
9	SECONDARY TERMINAL BOX	1	M.S
10	EARTHING TERMINAL (PLAT) 75x10 Thick	8	M.S
11	TANK WITH COVER	1	M.S
12	NAME AND RATING PLATE	1	ALU. Anodized
13	OIL DRAIN PLUG -5/8" B.S.P Thread	1	M.S
14	PRESSURE RELEASE DEVICE	1	ALU.+BRASS
15	DOME (RAIN COVER)	1	G/I



ADOPTED FOR
No. 49 - PR/BSPTCL/2022

21 JUL 2023

NOTE :-

1. Make of Busting : IEC/VSI/ABIL/NOVERN/BEHEL
2. All ferrous parts exposed to the atmosphere shall be Epoxy/P.U paint light gray conforming to shade 631 of IS-5

MANUFACTURER:

MEHRU ELECTRICAL & MECHANICAL ENGINEERS PVT. LTD.

- * TOTAL CREEPAGE DISTANCE : -- 3525mm (MIN)
 * OIL QUANTITY IN LITRES : -- 80 LITRES APPROX.
 * TOTAL WEIGHT OF CVT : 375-KGS APPROX.

10/10/18 NET 100

6729. 6730 DATED 31.12.2015

GENERAL ARRANGEMENT FOR 132KV
CAPACITOR VOLTAGE TRANSFORMER

ALSTOM ALSTOM T&E MEA LTD 8000 Boulevard de la Sève St-Hubert, Québec H3B 6X9	ORDER NO.	ME-132CVT-CA-7354-01	DATE	REV.
	DRAWN BY	N.T.S.	SHEET	03

DATE	DESCRIPTION	AMOUNT	BALANCE
1997-01-01	OPENING BALANCE		100.00
1997-01-15	PAYROLL	50.00	150.00
1997-02-01	RENT	25.00	125.00
1997-02-15	SALES	75.00	200.00
1997-03-01	UTILITIES	10.00	190.00
1997-03-15	PAYROLL	50.00	240.00
1997-04-01	RENT	25.00	215.00
1997-04-15	SALES	75.00	290.00
1997-05-01	UTILITIES	10.00	280.00
1997-05-15	PAYROLL	50.00	330.00
1997-06-01	RENT	25.00	305.00
1997-06-15	SALES	75.00	380.00
1997-07-01	UTILITIES	10.00	370.00
1997-07-15	PAYROLL	50.00	420.00
1997-08-01	RENT	25.00	395.00
1997-08-15	SALES	75.00	470.00
1997-09-01	UTILITIES	10.00	460.00
1997-09-15	PAYROLL	50.00	510.00
1997-10-01	RENT	25.00	485.00
1997-10-15	SALES	75.00	560.00
1997-11-01	UTILITIES	10.00	550.00
1997-11-15	PAYROLL	50.00	600.00
1997-12-01	RENT	25.00	575.00
1997-12-15	SALES	75.00	650.00
1998-01-01	UTILITIES	10.00	640.00
1998-01-15	PAYROLL	50.00	690.00
1998-02-01	RENT	25.00	665.00
1998-02-15	SALES	75.00	740.00
1998-03-01	UTILITIES	10.00	730.00
1998-03-15	PAYROLL	50.00	780.00
1998-04-01	RENT	25.00	755.00
1998-04-15	SALES	75.00	830.00
1998-05-01	UTILITIES	10.00	820.00
1998-05-15	PAYROLL	50.00	870.00
1998-06-01	RENT	25.00	845.00
1998-06-15	SALES	75.00	920.00
1998-07-01	UTILITIES	10.00	910.00
1998-07-15	PAYROLL	50.00	960.00
1998-08-01	RENT	25.00	935.00
1998-08-15	SALES	75.00	1010.00
1998-09-01	UTILITIES	10.00	1000.00
1998-09-15	PAYROLL	50.00	1050.00
1998-10-01	RENT	25.00	1025.00
1998-10-15	SALES	75.00	1100.00
1998-11-01	UTILITIES	10.00	1090.00
1998-11-15	PAYROLL	50.00	1140.00
1998-12-01	RENT	25.00	1115.00
1998-12-15	SALES	75.00	1190.00
1999-01-01	UTILITIES	10.00	1180.00
1999-01-15	PAYROLL	50.00	1230.00
1999-02-01	RENT	25.00	1205.00
1999-02-15	SALES	75.00	1280.00
1999-03-01	UTILITIES	10.00	1270.00
1999-03-15	PAYROLL	50.00	1320.00
1999-04-01	RENT	25.00	1295.00
1999-04-15	SALES	75.00	1370.00
1999-05-01	UTILITIES	10.00	1360.00
1999-05-15	PAYROLL	50.00	1410.00
1999-06-01	RENT	25.00	1385.00
1999-06-15	SALES	75.00	1460.00
1999-07-01	UTILITIES	10.00	1450.00
1999-07-15	PAYROLL	50.00	1500.00
1999-08-01	RENT	25.00	1475.00
1999-08-15	SALES	75.00	1550.00
1999-09-01	UTILITIES	10.00	1540.00
1999-09-15	PAYROLL	50.00	1590.00
1999-10-01	RENT	25.00	1565.00
1999-10-15	SALES	75.00	1640.00
1999-11-01	UTILITIES	10.00	1630.00
1999-11-15	PAYROLL	50.00	1680.00
1999-12-01	RENT	25.00	1655.00
1999-12-15	SALES	75.00	1730.00
2000-01-01	UTILITIES	10.00	1720.00
2000-01-15	PAYROLL	50.00	1770.00
2000-02-01	RENT	25.00	1745.00
2000-02-15	SALES	75.00	1820.00
2000-03-01	UTILITIES	10.00	1810.00
2000-03-15	PAYROLL	50.00	1860.00
2000-04-01	RENT	25.00	1835.00
2000-04-15	SALES	75.00	1910.00
2000-05-01	UTILITIES	10.00	1900.00
2000-05-15	PAYROLL	50.00	1950.00
2000-06-01	RENT	25.00	1925.00
2000-06-15	SALES	75.00	2000.00
2000-07-01	UTILITIES	10.00	1990.00
2000-07-15	PAYROLL	50.00	2040.00
2000-08-01	RENT	25.00	2015.00
2000-08-15	SALES	75.00	2090.00
2000-09-01	UTILITIES	10.00	2080.00
2000-09-15	PAYROLL	50.00	2130.00
2000-10-01	RENT	25.00	2105.00
2000-10-15	SALES	75.00	2180.00
2000-11-01	UTILITIES	10.00	2170.00
2000-11-15	PAYROLL	50.00	2220.00
2000-12-01	RENT	25.00	2195.00
2000-12-15	SALES	75.00	2270.00
2001-01-01	UTILITIES	10.00	2260.00
2001-01-15	PAYROLL	50.00	2310.00
2001-02-01	RENT	25.00	2285.00
2001-02-15	SALES	75.00	2360.00
2001-03-01	UTILITIES	10.00	2350.00
2001-03-15	PAYROLL	50.00	2400.00
2001-04-01	RENT	25.00	2375.00
2001-04-15	SALES	75.00	2450.00
2001-05-01	UTILITIES	10.00	2440.00
2001-05-15	PAYROLL	50.00	2490.00
2001-06-01	RENT	25.00	2465.00
2001-06-15	SALES	75.00	2540.00
2001-07-01	UTILITIES	10.00	2530.00
2001-07-15	PAYROLL	50.00	2580.00
2001-08-01	RENT	25.00	2555.00
2001-08-15	SALES	75.00	2630.00
2001-09-01	UTILITIES	10.00	2620.00
2001-09-15	PAYROLL	50.00	2670.00
2001-10-01	RENT	25.00	2645.00
2001-10-15	SALES	75.00	2720.00
2001-11-01	UTILITIES	10.00	2710.00
2001-11-15	PAYROLL	50.00	2760.00
2001-12-01	RENT	25.00	2735.00
2001-12-15	SALES	75.00	2810.00
2002-01-01	UTILITIES	10.00	2800.00
2002-01-15	PAYROLL	50.00	2850.00
2002-02-01	RENT	25.00	2825.00
2002-02-15	SALES	75.00	2900.00
2002-03-01	UTILITIES	10.00	2890.00
2002-03-15	PAYROLL	50.00	2940.00
2002-04-01	RENT	25.00	2915.00
2002-04-15	SALES	75.00	2990.00
2002-05-01	UTILITIES	10.00	2980.00
2002-05-15	PAYROLL	50.00	3030.00
2002-06-01	RENT	25.00	3005.00
2002-06-15	SALES	75.00	3080.00
2002-07-01	UTILITIES	10.00	3070.00
2002-07-15	PAYROLL	50.00	3120.00
2002-08-01	RENT	25.00	3095.00
2002-08-15	SALES	75.00	3170.00
2002-09-01	UTILITIES	10.00	3160.00
2002-09-15	PAYROLL	50.00	3210.00
2002-10-01	RENT	25.00	3185.00
2002-10-15	SALES	75.00	3260.00
2002-11-01	UTILITIES	10.00	3250.00
2002-11-15	PAYROLL	50.00	3300.00
2002-12-01	RENT	25.00	3275.00
2002-12-15	SALES	75.00	3350.00
2003-01-01	UTILITIES	10.00	3340.00
2003-01-15	PAYROLL	50.00	3390.00
2003-02-01	RENT	25.00	3365.00
2003-02-15	SALES	75.00	3440.00
2003-03-01	UTILITIES	10.00	3430.00
2003-03-15	PAYROLL	50.00	3480.00
2003-04-01	RENT	25.00	3455.00
2003-04-15	SALES	75.00	3530.00
2003-05-01	UTILITIES	10.00	3520.00
2003-05-15	PAYROLL	50.00	3570.00
2003-06-01	RENT	25.00	3545.00
2003-06-15	SALES	75.00	3620.00
2003-07-01	UTILITIES	10.00	3610.00
2003-07-15	PAYROLL	50.00	3660.00
2003-08-01	RENT	25.00	3635.00
2003-08-15	SALES	75.00	3710.00
2003-09-01	UTILITIES	10.00	3700.00
2003-09-15	PAYROLL	50.00	3750.00
2003-10-01	RENT	25.00	3725.00
2003-10-15	SALES	75.00	3800.00
2003-11-01	UTILITIES	10.00	3790.00
2003-11-15	PAYROLL	50.00	3840.00
2003-12-01	RENT	25.00	3815.00
2003-12-15	SALES	75.00	3890.00
2004-01-01	UTILITIES	10.00	3880.00
2004-01-15	PAYROLL	50.00	3930.00
2004-02-01	RENT	25.00	3905.00
2004-02-15	SALES	75.00	3980.00
2004-03-01	UTILITIES	10.00	3970.00
2004-03-15	PAYROLL	50.00	4020.00
2004-04-01	RENT	25.00	3995.00
2004-04-15	SALES	75.00	4070.00
2004-05-01	UTILITIES	10.00	4060.00
2004-05-15	PAYROLL	50.00	4110.00
2004-06-01	RENT	25.00	4085.00
2004-06-15	SALES	75.00	4160.00
2004-07-01	UTILITIES	10.00	4150.00
2004-07-15	PAYROLL	50.00	4200.00
2004-08-01	RENT	25.00	4175.00
2004-08-15	SALES	75.00	4250.00
2004-09-01	UTILITIES	10.00	4240.00
2004-09-15	PAYROLL	50.00	4290.00
2004-10-01	RENT	25.00	4265.00
2004-10-15	SALES	75.00	4340.00
2004-11-01	UTILITIES	10.00	4330.00
2004-11-15	PAYROLL	50.00	4380.00
2004-12-01	RENT	25.00	4355.00
2004-12-15	SALES	75.00	4430.00
2005-01-01	UTILITIES	10.00	4420.00
2005-01-15	PAYROLL	50.00	4470.00
2005-02-01	RENT	25.00	4445.00
2005-02-15	SALES	75.00	4520.00
2005-03-01	UTILITIES	10.00	4510.00
2005-03-15	PAYROLL	50.00	4560.00
2005-04-01	RENT	25.00	4535.00
2005-04-15	SALES	75.00	4610.00
2005-05-01	UTILITIES	10.00	4600.00
2005-05-15	PAYROLL	50.00	4650.00
2005-06-01	RENT	25.00	4625.00
2005-06-15	SALES	75.00	4700.00
2005-07-01	UTILITIES	10.00	4690.00
2005-07-15	PAYROLL	50.00	4740.00
2005-08-01	RENT	25.00	4715.00
2005-08-15	SALES	75.00	4790.00
2005-09-01	UTILITIES	10.00	4780.00
2005-09-15	PAYROLL	50.00	4830.00
2005-10-01	RENT	25.00	4805.00
2005-10-15	SALES	75.00	4880.00
2005-11-01	UTILITIES	10.00	4870.00
2005-11-15	PAYROLL	50.00	4920.00
2005-12-01	RENT	25.00	4895.00
2005-12-15	SALES	75.00	4970.00
2006-01-01	UTILITIES	10.00	4960.00
2006-01-15	PAYROLL	50.00	5010.00
2006-02-01	RENT	25.00	4985.00
2006-02-15	SALES	75.00	5060.00
2006-03-01	UTILITIES	10.00	5050.00
2006-03-15	PAYROLL	50.00	5100.00
2006-04-01	RENT	25.00	5075.00
2006-04-15	SALES	75.00	5150.00
2006-05-01	UTILITIES	10.00	5140.00
2006-05-15	PAYROLL	50.00	5190.00
2006-06-01	RENT	25.00	5165.00
2006-06-15	SALES	75.00	5240.00
2006-07-01	UTILITIES	10.00	5230.00
2006-07-15	PAYROLL	50.00	5280.00
2006-08-01	RENT	25.00	5255.00
2006-08-15	SALES	75.00	5330.00
2006-09-01	UTILITIES	10.00	5320.00
2006-09-15	PAYROLL	50.00	5370.00
2006-10-01	RENT	25.00	5345.00
2006-10-15	SALES	75.00	5420.00
2006-11-01	UTILITIES	10.00	5410.00
2006-11-15	PAYROLL	50.00	5460.00
2006-12-01	RENT	25.00	5435.00
2006-12-15	SALES	75.00	5510.00
2007-01-01	UTILITIES	10.00	5500.00
2007-01-15	PAYROLL	50.00	5550.00
2007-02-01	RENT	25.00	5525.00
2007-02-15	SALES	75.00	5600.00
2007-03-01	UTILITIES	10.00	5590.00
2007-03-15	PAYROLL	50.00	5640.00
2007-04-01	RENT	25.00	5615.00
2007-04-15	SALES	75.00	5690.00
2007-05-01	UTILITIES	10.00	5680.00
2007-05-15	PAYROLL	50.00	5730.00
2007-06-01	RENT	25.00	5705.00
2007-06-15	SALES	75.00	5780.00
2007-07-01	UTILITIES	10.00	5770.00
2007-07-15	PAYROLL	50.00	5820.00
2007-08-01	RENT	25.00	5795.00
2007-08-15	SALES	75.00	5870.00
2007-09-01	UTILITIES	10.00	5860.00
2007-09-15	PAYROLL	50.00	5910.00
2007-10			

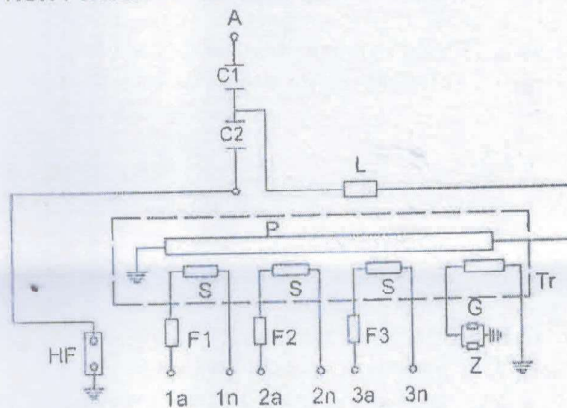
MEHRU CAPACITOR VOLTAGE TRANSFORMER

MAKE TO IS: 3156/ IEC 60044-5

MAXIMUM VOLTAGE	145KV
RATED LINE VOLTAGE	132 kV
Equivalent Capacitance	8800pF (+10%-5%)
FREQUENCY	50 Hz
OVERVOLTAGE FACTOR	1.5 Un 30 SECONDS
CONTINUOUS VOLTAGE FACTOR	1.2
TEMPERATURE CATEGORY	-10°C to + 50°C
INSULATION LEVEL	275/650(kVrms/kVp)
SIMULTANEOUS BURDEN	50 VA
YEAR OF MFD.	2017

RATED PRIMARY VOLTAGE	132kV/V ³
RATED SECONDARY VOLTAGE	110 V / V ³
WOG I SECONDARY CONNECTION	1a -1n
BURDEN	50 VA
CLASS	3P
WOG II RATED SECONDARY VOLTAGE	110 V / V ³
SECONDARY CONNECTION	2a -2n
BURDEN	50 VA
CLASS	3P
WOG III RATED SECONDARY VOLTAGE	110 V / V ³
SECONDARY CONNECTION	3a -3n
BURDEN	50 VA
CLASS	0.2
SERIAL No.	

CAUTION : WHEN HF TERMINAL IS NOT IN USE IT SHOULD BE SHORTED TO EARTH.



- A - HV TERMINAL
- C1 - PRIMARY CAPACITANCE
- C2 - SECONDARY CAPACITANCE
- HF - HIGH FREQUENCY TERMINAL
- L - COMPENSATING REACTOR
- F1, F2 & F3 - HRC FUSE 16A
- Z-G - FERRO- RESONANCE SUPPRESSION CIRCUIT
- P - PRIMARY WINDING OF INTERMEDIATE VT
- S - SECONDARY WINDING OF INTERMEDIATE VT
- Tr - INTERMEDIATE VOLTAGE TRANSFORMER

MADE IN INDIA BY:

MEHRU ELECTRICAL AND MECHANICAL ENGINEERS (P) LTD.

SP-2/180, RIICO INDUSTRIAL AREA KHARANI EXT. BHIMADI-301019, (RAJASTHAN)

NOTES :-

1. CAUTION TO BE MARKED IN RED
2. MIN. THICKNESS OF RATING PLATE :- 1.2 mm
3. MATERIAL :-ALU. ANODISED
4. ALL DIMENSIONS IN mm
5. DIMENSIONAL TOLERANCE $\pm 5\%$

ADOPTED FOR

MEP No. 40 /PR/BSPTCL/2022

MEHRU

MEHRU ELECTRICAL & MECHANICAL ENGINEERS PVT. LTD.

QUANTITY

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED.

SUPPLY, DESIGN, MANUFACTURE, TESTING AT MANUFACTURE'S WORKS TRANSPORTATION INSURANCE AND DELIVERY OF EQUIPMENTS REQUIRED FOR THE WORK OF R&M OF 5 Nos. OF 132/33KV GRD SUBSTATIONS LITHAPUR, JEHANABAD, BANHARA, SEKHUPURA, HANPUR AND 1 No. OF 220/132/33KV GRD SUBSTATION KHAGALU ON TURNKEY BASIS ON FIRM PRICE AGAINST B.T No. 79/PR/BSPTCL/2015 UNDER STATE PLAN

DATE

6729, 6730 DATED 31.12.2015

REVISION

NAME PLATE DRAWING FOR 132KV CAPACITOR VOLTAGE TRANSFORMER

ALSTON
ALSTON T&D INDIA LTD

ME-132CVT-NP-7354-01
N.T.S

SCALE 3/4
REV. 00

21 JUL 2023