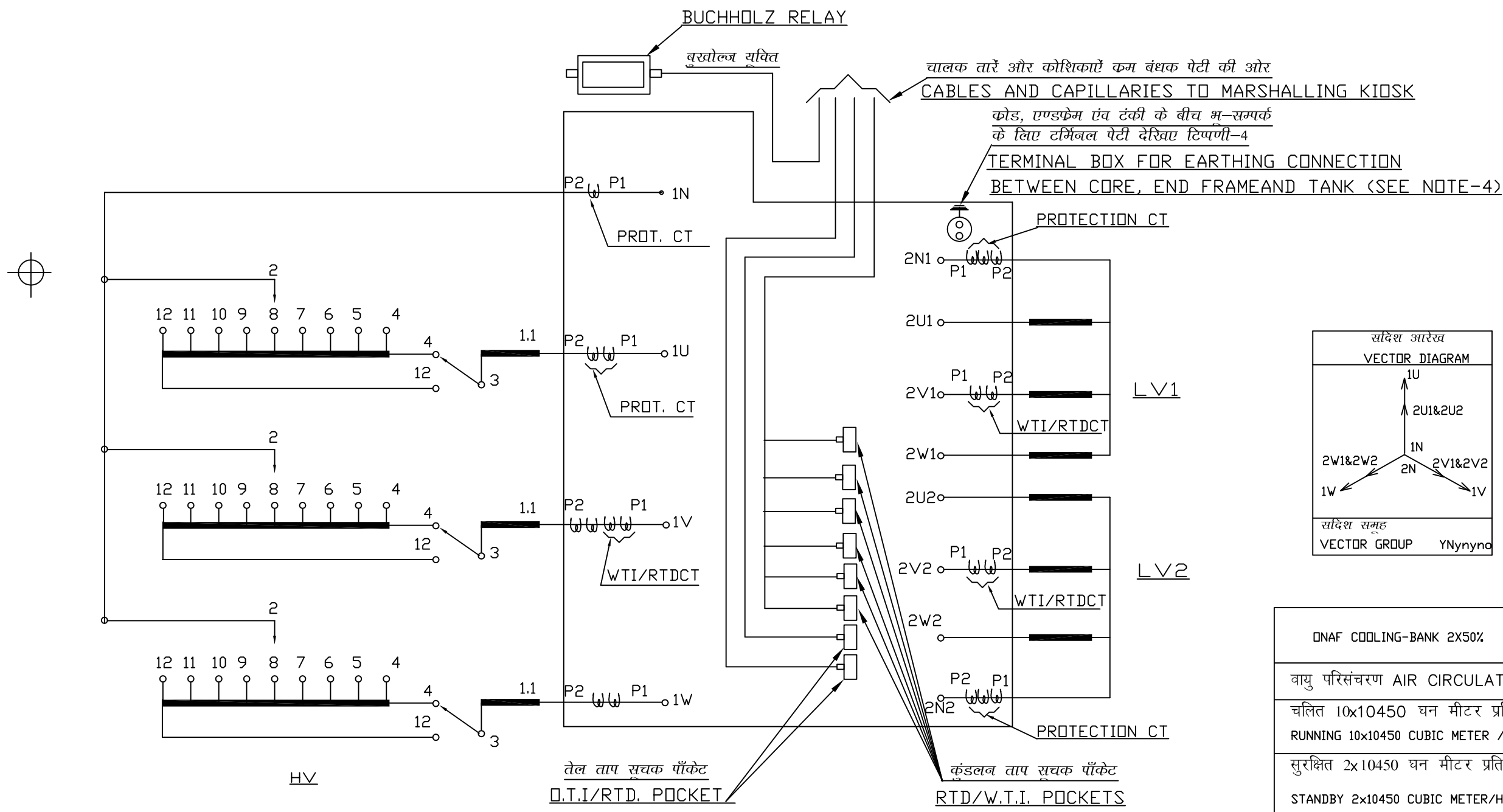


STATION TRANSFORMER

फेज		3
PHASE		
आवृत्ति	हर्ट्ज	
FREQUENCY (Hz)		50
संयोजन प्रतीक		
CONNECTION SYMBOL		YNynyn0
प्रतिवादा % उ.ओ-वि.ओ IMPEDANCE VOL% HV-LV1 OR HV-LV2 AT 110MVA BASE AND PRINCIPAL TAP		22.0%±1EC TOL
प्रतिवादा % वि.ओ. वि.ओ. IMPEDANCE VOL% LV1-LV2 AT 110MVA BASE		39.5% (MIN.)
विद्युत रोधन स्तर INSULATION LEVEL		
उ.ओ. H.V.	650 KVP.	38 KV rms
वि.ओ. LV1&LV2	75KVp.	28 KV rms
उ.ओ.न्यूनतम H.V.NEUTRAL	95 KVP.	38 KV rms
कॉड अर्द्ध संख्या	CS-9549-501-2-FC-NDA-6207	
P.O.No.		

○ टर्मिनल्स टंकी ढक्कन के ऊपर
TERMINALS ON TANK COVER
◎ उप टर्मिनल्स टंकी ढक्कन के नीचे
SUB TERMINALS BELOW TANK COVER



सदिश आरेख VECTOR DIAGRAM सदिश समूह VECTOR GROUP YNynyno
--

ONAF COOLING-BANK 2X50%
वायु परिसंचरण AIR CIRCULATION
चलित 10x10450 घन मीटर प्रति घन्टा RUNNING 10x10450 CUBIC METER / Hr
सुरक्षित 2x10450 घन मीटर प्रति घन्टा STANDBY 2x10450 CUBIC METER/Hr

DLTC TYPE MII-600-60/C-10193W RANGE+10% TO -10% IN STEPS±1.25%									
TAP POSITION	LEADS JOINED		H.V. TERMINALS 1U 1V 1W NO LOAD LINE CURRENT APE (30V/4)			L.V. TERMINALS RHS 2V2 2V2 & RUS 2V2 2V2 NO LOAD LINE CURRENT APE			% IMPEDANCE 110 MVA BASE HV/LV2 & HV/LV2
1(MAX.)	(2-12)	(3-4)	145.2	437.39					
2	(2-11)	(3-4)	143.55	442.41					
3	(2-10)	(3-4)	141.9	447.56					
4	(2-9)	(3-4)	140.25	452.82					
5	(2-8)	(3-4)	138.6	458.21					
6	(2-7)	(3-4)	136.95	463.74					
7	(2-6)	(3-4)	135.3	469.39					
8	(2-5)	(3-4)	133.65	475.19					
9a	(2-4)	(3-4)	132.0	481.13					
9b(NT)	(2-3) (3-4) (3-12)		132.0	481.13		11.5	2761.24		
9c	(2-12)	(3-12)	132.0	481.13					
10	(2-11)	(3-12)	130.35	487.22					
11	(2-10)	(3-12)	128.7	493.46					
12	(2-9)	(3-12)	127.05	499.87					
13	(2-8)	(3-12)	125.4	506.45					
14	(2-7)	(3-12)	123.75	513.20					
15	(2-6)	(3-12)	122.1	520.14					
16	(2-5)	(3-12)	120.45	527.26					
17(MIN.)	(2-4)	(3-12)	118.8	534.58					

CURRENT TRANSFORMERS							
C.T.	RATIO	ACCURACY CLASS	BURDEN OHMS /VA	KNEE POINT VOLTAGE MIN (V _{DLT}) V _k	MAGNETISING CURRENT(MAX.) AT V _k /2	SECONDARY REST AT MAX (OHMS)	PURPOSE
1CT1U1 1CT1V1 1CT1W1	600/1 1S1-1S2	PS	-	600	30mA	3.0	PROTEC.
1CT2U1 1CT2V1 1CT2W1	600/1 2S1-2S2	PS	-	600	30mA	3.0	PROTEC.
1CT1N	600/1 1S1-1S2	PS	-	600	30mA	3.0	PROTEC.
2CT1N1	600/1 2S1-2S2	5P20	15VA	-	-	-	PROTEC.
2CT1N2	600/1 2S1-2S2	5P20	15VA	-	-	-	PROTEC.
2CT2N1	600/1 2S1-2S2	5P20	15VA	-	-	-	PROTEC.
2CT2N2	600/1 2S1-2S2	5P20	15VA	-	-	-	PROTEC.
2CT3N1	3000/1 1S1-1S2	PS	-	1000	30mA	10	PROTEC.
2CT3N2	3000/1 1S1-1S2	PS	-	1000	30mA	10	PROTEC.
WCT1V1	534.58/4.6-4.0-4.0-3.4 S1-S2-S3-S4	5	7.5VA	-	-	-	WT+RTD (< HV)
WCT2V1	2761.24/2.9-2.7-2.5 S1-S2-S3-S4	5	7.5VA	-	-	-	WT+RTD (< LV)
WCT3V1	2761.24/2.9-2.7-2.5 S1-S2-S3-S4	5	7.5VA	-	-	-	WT+RTD (< LV)

टिपणियाँ:-

1. अगर की सारणी में शुद्ध्य गार वोव्त्ता दिखल्वाई गई है । 2. परिणामित्त के आपेक्षित टर्मिनल स्थान लयभग वालें दिखावै अनुसार है ।
3. टंकी कोर और कुंडलन के साथ एग एग बिर्वात के लिए उपयुक्त है ।
4. कृता.सु.धारा परिणामित्त टर्मिनल पैरी के एवं कोर, एण्डक्रेज एवं टंकी के बीच भू-सम्पर्क बनावे वाली ब्रंशलाओ को ढक्कन हटावे से पहल्ले अलग करे ।

NOTES:-

- 1) THE ABOVE TABLE GIVES VOLTAGE AT NO LOAD.
- 2) THE RELATIVE TERMINAL POSITIONS ON TRANSFORMER ARE APPROXIMATELY AS SHOWN
- 3) THE TANK IS SUITABLE FOR FULL VACUUM WITH CORE AND WINDING INSIDE .
- 4) CONNECTION OF C.T.S TERMINAL BOARD & EARTHING CONNECTION BETWEEN CORE, END FRAME & TANK SHOULD BE REMOVED BEFORE LIFTING THE COVER.

भारत में निर्मित

MADE IN INDIA

NOTE TO SHOPPERS:

1. ENGRAVE MAKER'S SERIAL NO., YEAR OF MANUFACTURE
2. ENGRAVED LETTERS TO BE FILLED WITH BLACK PAINT.

NOTES TO DIAGRAM PLATE MANUFACTURER

1. CONSULT ENGINEERS BEFORE ENGRAVING WEIGHTS AND OIL QUANTITIES.
2. RATING PARTICULARS TO BE ENGRAVED OR MACHINE STAMPED AND FILLED IN BLACK HAND STAMPING NOT PERMITTED.

2. LETTERING:—

1. LETTER HEIGHT FOR VARIOUS HEADINGS SHALL BE
AS PER TABLE - 1.
2. BILINGUAL COMPANY'S MONOGRAM TO BE AS PER STANDARD
AA 0401121 OF SIZE 60MM.

3.F.FINISH:-

- PLATES ARE TO BE MANUFACTURED BY ETCHING PROCESS.
ALL LETTERS/DIVIDING LINES/BORDER LINES & FIGURES ETC.
TO BE BLACK.
III.BACK GROUND TO BE SATIN SILVER.
4.THE SETTING OF THE DIAGRAM PLATE SHOULD BE DONE
AS NEAR AS POSSIBLE TO DRAWING.
5.SDOR TO BE DONE IN PLATE BEFORE ENGRAVING
AND DRESSING.
6. DRAWING NO. 14561950909 REV.01 W.D.MD. 17072M17700
TO BE PAINTED ON THE BACK OF THE PLATE.

7. PACKING:-

- RATING & DIAGRAM PLATE TO BE SUITABLY PACKED IN POLYTHENE COVERS (500 MICRONS THICKNESS) TO AVOID DAMAGE DURING TRANSIT / STORING.

8. MATERIAL:-

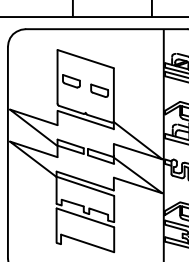
- FOR STAINLESS STEEL 16TK.SIZE AND DRILLING
OF PLATE SEE DRAWING NO. 44991900010.

9. NOTES TO CUSTOMER :-

- THE RATING & DIAGRAM PLATE IS MADE OF ANODISED STAINLESS STEEL.
- SEE NOTE TO SHOP ALSO.
- WEIGHTS AND OIL QUANTITIES ARE APPROXIMATE AND FINAL VALUES SHALL BE FURNISHED AFTER FINALISATION OF DESIGN.

TABLE - 1

SIZE OF THE RATING PLATE	LETTER SIZE
HEADING	ENGLISH
BHARAT HEAVY ELECTRICALS LIMITED JHANSI	8
MADE IN INDIA	6
NAME OF EQUIPMENT	5
RATING PARTICULARS NOMENCLATURES	3
NOTES	4

W.O. 71190P17400			NTPC DRG. NO. 9549-501-PVE-B-03		BHEL DRG. NO. 1 457 19 50 128																					
P.D. NO. :- CS-9549-501-2-FC-NDA-6207			NTPC LTD. DHARIPALLI SUPER THERMAL POWER PROJECT-2X800 MW																							
SPEC. NO. -																										
STATUS -																										
DISTRIBUTION																										
BHEL TRE-1 TRX-1 TRM-3			 BHARAT HEAVY ELECTRICALS LTD. JHANSI <table><thead><tr><th colspan="2">NAME</th><th>SIGN</th><th>DATE</th><th>N.D.</th><th>DF</th></tr></thead><tbody><tr><td>CHD</td><td>PAWAN</td><td>SD</td><td>17.04.15</td><td></td><td>VAR</td></tr><tr><td>APPD</td><td>KAUSHAL</td><td>SD</td><td></td><td></td><td>-</td></tr></tbody></table>						NAME		SIGN	DATE	N.D.	DF	CHD	PAWAN	SD	17.04.15		VAR	APPD	KAUSHAL	SD			-
NAME		SIGN							DATE	N.D.	DF															
CHD	PAWAN	SD	17.04.15		VAR																					
APPD	KAUSHAL	SD			-																					
NTPC																										
REV	DATE	ALTERED	TITLE																							
	CHECKED		RATING & DIAGRAM PLATE																							
02	11/01/16	APPROVED	110 MVA, 132/11.5-11.5 KV, DPAF/DMAN COOLED STATION TRANSFORMER																							
REVISED AS PER NTPC'S COMMENTS.			ZONE		REV.																					
REVISED AS PER NTPC'S COMMENTS.			ZONE		REV.																					