H.V. TRANSFORMER RECTIFIER

DC OUT PUT : 170 kV PEAK 1000 mA MEAN

TEMPERATURE RISE : OIL 50°C ; WINDING 55°C

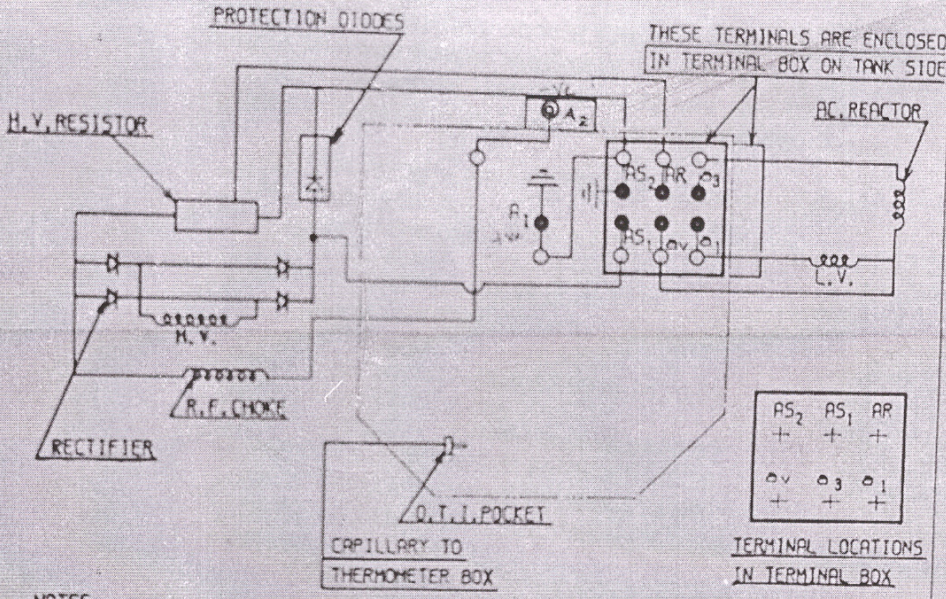
TYPE OF COOLING		ONAN
KVA RATING		75
VOLTS (NO LOAD)	H.V.	53570
	L.V.	373.5
LINE AMPS.	H.V.	1.4
	L.V.	200.8
PHASE		1
FREQUENCY	Hz	50

MAKER'S SL. NO.		2006
ELEC. SPEC. NO.		6252868
YEAR OF MANUFACTURING		199
DIAGRAM DRG. NO.		TRE/JS/D2659
WT. OF A.C. REACTOR	Kg.	76
WT. OF RECTIFIER, CORE AND WINDING	Kg.	374
TOTAL WEIGHT	Kg.	1300
OIL QUANTITY LITRES		390

I.S. OIL / SILICON OIL

● TERMINALS

○ SUB TERMINALS BELOW COVER



NOTES :-

1. THE RELATIVE TERMINAL POSITION ARE APPROX. AS SHOWN
2. THE FOLLOWING ARE HOUSED IN TRANSFORMER RECTIFIER TANK (i) TRANSFORMER (ii) RECTIFIER STACK, (iii) A.C. REACTOR, (iv) R.F. CHOKE, (v) H.V. RESISTOR AND (vi) PROTECTION DIODES.
3. (i) a_1 AND a_3 ARE A.C. INPUT TERMINALS (ii) av. IS INPUT MEASUREMENT TERMINAL, (iii) A_1 IS D.C. +Ve TERMINAL, (iv) A_2 IS D.C. -Ve TERMINAL, (v) AR IS HIGH VOLTAGE MEASUREMENT TERMINAL, (vi) AS_1 AND AS_2 ARE DIRECT CURRENT MEASUREMENT TERMINALS.

MADE IN INDIA

BHARAT HEAVY ELECTRICALS LTD.
JHANSI

4 HOLES DIA. 6

NOTE :-

1. THIS IS MANUAL DRAWING, IN SOME CASES CONTRACT DRAWING MAY SLIGHTLY VARY FROM THIS DRAWING.
2. RATING OF TRANSFORMER IS NOT INDICATED.

ALL DIMENSIONS ARE IN mm

MANUAL DRAWING (SAMPLE)

BHARAT HEAVY ELECTRICALS LIMITED JHANSI

TITLE: COMBINED R & D PLATE (E)

SCALE NTS | W.O. NO. | DRG. No. TRE/JS/D-2659

REV. No. 00 | SHEET No. | No. OF SHEETS | CARD CODE

DRN Nandkishore Soni | CHECKED | APPROVED

DATE 20.11.95 | DEPT TRE | CODE 406

DISTRIBUTION OF PRINTS: TRE 1, PE 2, BAY 8

REVISED RECORD | REV | DATE | REVISED | CHECKED