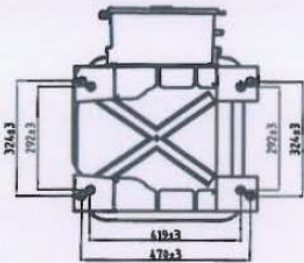
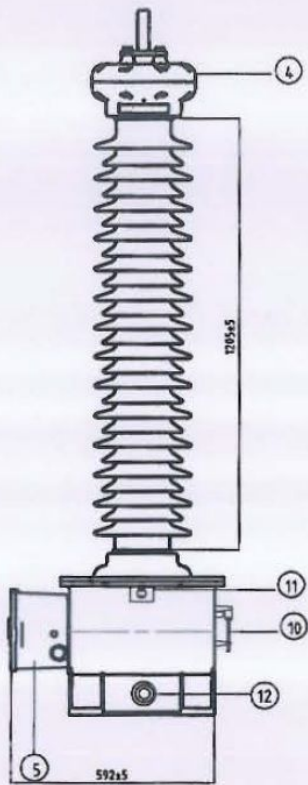
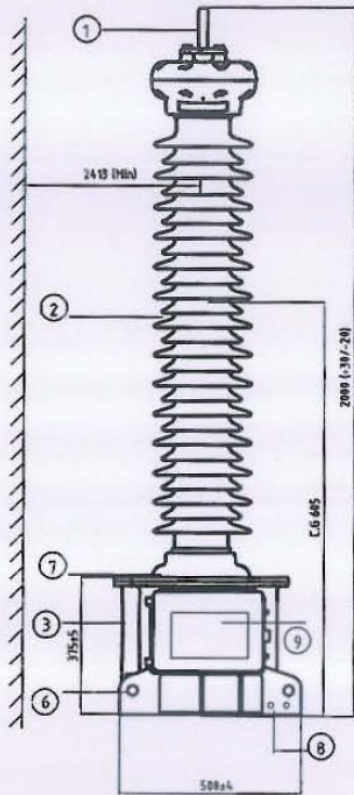
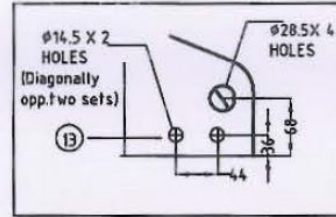


DWG_ADD



8 Nos. $\phi 22$ HOLES FOR MOUNTING CVT ON SUPPORT STRUCTURE

GROUND PAD ARRANGEMENT (2 Nos)



NOTES

1. TOTAL CREEPAGE DISTANCE : 3625 mm
2. OIL QUANTITY : 34 kgs
3. WEIGHT OF CVT:220 kg
4. WEIGHTS INDICATED ARE APPROXIMATED
5. GENERAL TOLERANCE AS PER IS:2102 WILL BE APPLICABLE WHERE TOLERANCE IS NOT INDICATED.
6. PORCELAIN MAKE:IEC/MODERN/CGI/W/SI/ABI/PPC

NOS	DESCRIPTION	MATERIAL	QTY
①	H.V. TERMINAL ($\phi 30 \times 100 \text{mm}$)	AL. ALLOY	01
②	INSULATOR	PORCELAIN	01
③	BASE BOX	AL. ALLOY	01
④	TOP COVER	AL. ALLOY	01
⑤	TERMINAL BOX	AL. ALLOY	01
⑥	LIFTING EYE ($\phi 40$ HOLE)	AL. ALLOY	04
⑦	TANK COVER	AL. ALLOY	01
⑧	ARRANGEMENT FOR GROUND PAD	AL. ALLOY	01
⑨	RATING PLATE	AL. ALLOY	01
⑩	MV TAP GROUNDING SWITCH	AL. ALLOY	01
⑪	OIL LEVEL INDICATOR	AL. ALLOY & GLASS	01
⑫	OIL DRAIN VALVE	STAINLESS STEEL	01
⑬	EARTH BOLT (M12 X 30) HEX BOLT (HDG)	MILD STEEL	04

TECHNICAL DETAILS:

APPLICABLE STANDARD :	IS-3156/IEC-60044-5 & 358
RATED VOLTAGE :	132 kV/sqrt 3
HIGHEST SYSTEM VOLTAGE :	145 kV
H.V. TEST VOLTAGE :	275 kV rms for 1 min
IMPULSE TEST VOLTAGE :	650 kVp
RATED FREQUENCY :	50 Hz
'HF' CAPACITANCE :	4400 pF (+10% -5%)
PRIMARY CAPACITANCE C1 :	4771.8 pF (Approx.)
SECONDARY CAPACITANCE C2 :	46286.6 pF (Approx.)
TOTAL OUTPUT SIMULTANEOUS :	50VA/ 0.2

Date
Prop.
Ckd.
Norm

Original/Replaced By : -

Descr : 145kV, Outdoor, Oil filled hermetically sealed Capacitive Voltage Transformer.
Details: GA Drawing.

NOT TO SCALE

All dimensions are in MM

Drwg. No:- 145-KV-CVT-GA

SH 1
1 SH