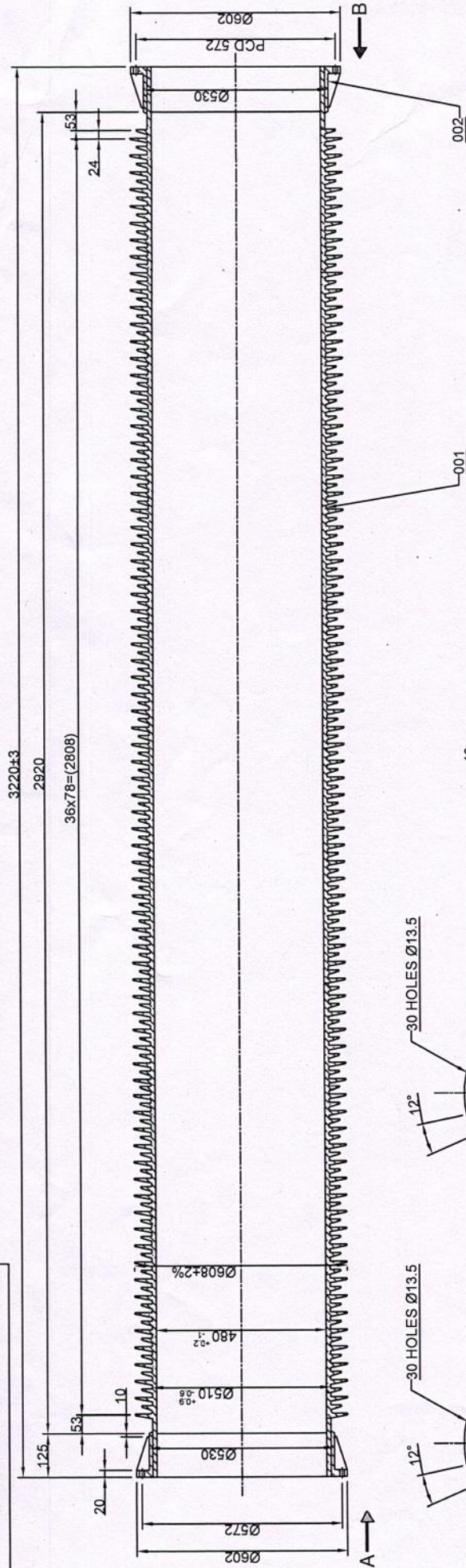
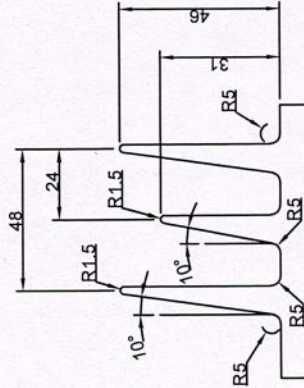
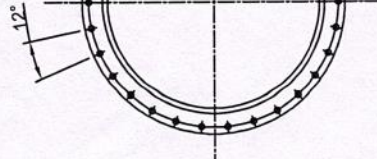
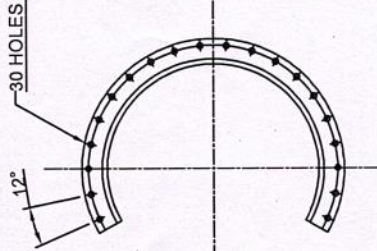


DRG.NO. 3 478 00 00522



30 HOLES Ø13.5

30 HOLES Ø13.5



VIEW-B

VIEW-A

TECHNICAL REQUIREMENTS:

1. MINIMUM HEIGHT 3220 mm $\pm$ 2
2. MINIMUM CREEPAGE DISTANCE 10500 mm
3. MIN. INTERNAL DIAMETER 480 mm
3. INSULATION LEVEL 630/1425 kVp
4. SWITCHING IMPULSE LEVEL 1050 kVp
5. SERVICE TEMPERATURE 105 DEG. C
6. ROUTINE / SPECIFIED MECHANICAL LOAD 10000 N / 25000 N

NOTE:

1. HOLLOW COMPOSITE INSULATOR WILL BE USED FOR MANUFACTURING OF OIL FILLED CURRENT TRANSFORMERS WITH N2 SEALING. MINIMUM OPERATING INTERNAL PRESSURE IS 5 PSI.
2. MINIMUM DIMENSIONS ARE MENTION IN THE DRAWING. VENDORS MAY BE OFFERED BEST SUITABLE (NEAREST DIMENSION) DESIGN TYPE TESTED HOLLOW COMPOSITE INSULATOR.
3. HOLLOW COMPOSITE INSULATOR WILL CONFORM TO IEC:61462

003	WEATHER SHEDS	--
002	FLANGE	02
001	TUBE	01
IT.NO	DESCRIPTION	QTY.

STATUS OF DRAWING				BHARAT HEAVY ELECTRICALS LTD.				DRN	NAME	SIGN	DATE	NO OF	
U				BHOPAL					MD.EKLAKH		28.04.20	VAR	
DISTRIBUTION OF PRINTS								CHD	R YOGANANDI		28.04.20	—	
CIE 1				TRX 1				APPD	K NAIK		28.04.20	—	
TRM 3													
REV	DATE	ALTERED	DEPT	CIE	SCALE	WEIGHT(Kg)	REF TO ASSY DRG						NO OF
		CHECKED				NTS	—						ITEM
		APPROVED	CODE	408			DRAWING NO.						—
TITLE :							3 478 00 00522						REV
							400KV HOLLOW COMPOSITE INSULATOR						00
							SHT NO. 1						NO OF SHT. 1

400KV HOLLOW COMPOSITE INSULATOR

QUALITY ASSURANCE PLAN

E7203085

Composite Hollow Insulator for Current Transformer

P.I. No.: 242100005 Date: 13.05.2020

Sr. No.	Stage Description	Characteristics	Classification	Type of Check	Quantities of Checks	Reference Document	Acceptance Norms	Inspection by Vendor	Inspection Third Party /BHEL	Remarks.
01	Type Test Reports	Electrical and Mechanical	Major	Tests	One per Design/Type	As per IEC: 61462	As per IEC: 61462	P	R	
02	Final Drawing	Dimensions, Creepage Distance, Visual Inspection for surface finish	Major	Vernier caliper, Micrometer, Measuring tape	Randomly	As per BHEL Drawing	As per BHEL	P	--	
03	Final Inspection	Dimensional, Creepage Distance & Visual	Major	Vernier caliper, Micro meter, Measuring tape	Checked 100 %	Dimensional	Drawing As per BHEL	P	10% Witnessed by Illrd Party /BHEL	
		Inspection:			Checking 100%	Report	Drawing & Requirements	P	10% Witnessed by Illrd Party /BHEL	
04	Packing and Dispatch.	Routine Test	Major	Electrical Tests		As per	As per	P		
		As per clients Requirement in the P.O	Major	Visual	Checking --	IEC:61462 Packing List.	IEC:61462 As per Specification	P	--	

Legend: P-Perform , R- Review of documents , RW- Random Witness , No action (--)

Kulamani Naik
DGM-CIE
BHEL Bhopal