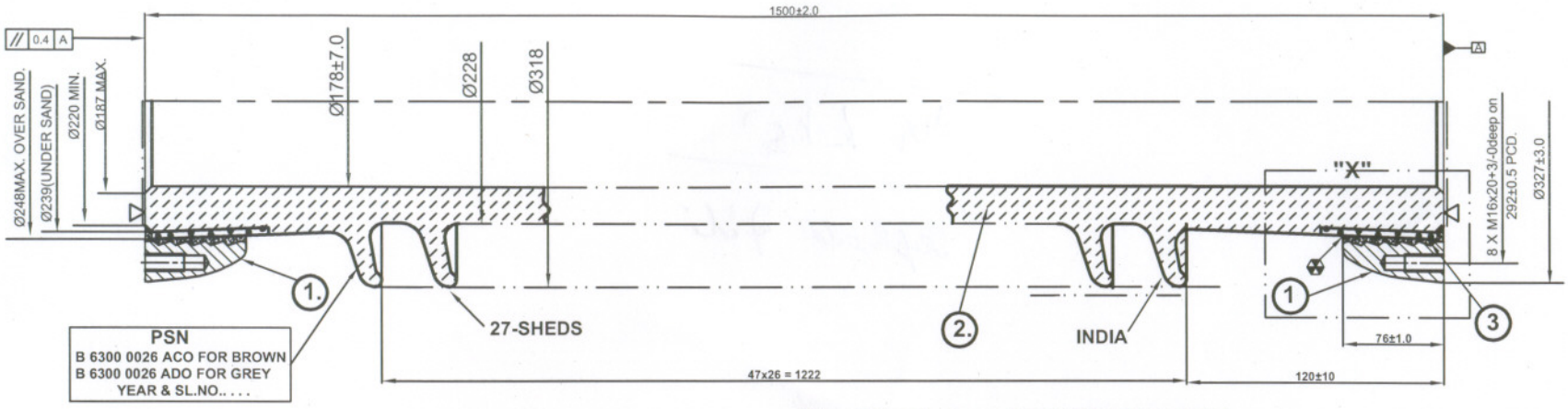
DRG. NO. 5 1 D 1352

ALL DIMENSIONS ARE IN mm



APPROX 13 mm. R PAINT WITH G & E 271 GLYPTOL PAINT OR EQUAVALENT (AT THE BOTH ENDS)

NOTES :

1. STANDARDS APPLICABLE & TOLERANCES AS PER IS:5621-1980 AND IEC: 233-1974 .
2. SURFACES MARKED THUS ▽ ARE TO BE UNGLAZED & GROUND.
3. COLOUR OF GLAZE : BROWN .
4. MINIMUM NOMINAL CREEPAGE DISTANCE = 139" (3540 mm).
5. MINIMUM CREEPAGE DISTANCE = 135" (3430 mm).
6. WARPAGE OF CENTRE LINE = 0.5" (13 mm).
7. BORE MUST PASS A PLUG OF DIA. 6.73" x 0.5" THICK (Ø171 x 13 mm TK).x MINIMUM 12" (305 mm) LONG .
8. ANGULAR DEVIATION BETWEEN TOP & BOTTOM FLANGES HOLES - 5° MAX .

ROUTINE TEST :

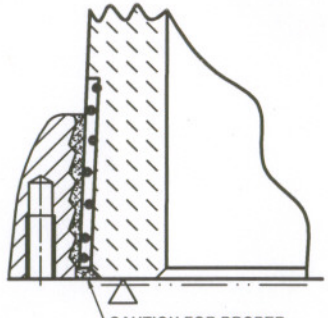
1. VISUAL INSPECTION .
2. VERIFICATION OF IMPORTANT DIMENSIONS .
3. ELECTRICAL ROUTINE TEST - 70 kV (2.8 kV min / 1 mm). FOR 1 MINUTE. AFTER TEST STAMP AT BOTTOM END OF PORCELAIN.

TYPE TEST :

1. ULTIMATE CANTILEVER BENDING TEST = 8.0 kN .
2. ELECTRICAL ROUTINE TEST 70 kV (2.8 kV min. / 1 mm) FOR 1 MINUTE .

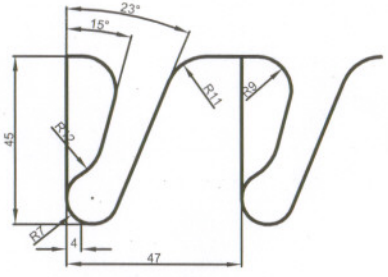
SAMPLE TEST :

1. ULTIMATE CANTILEVER BENDING TEST = 8.0 kN (1 - NO.MIN.)



CAUTION FOR PROPER ENGAGEMENT
WITH INTER FACING COMPONENTS CEMENT MUST NOT PROTRUDE BEYOND THIS POINT END OF PORCELAIN IS SEALING SURFACE IT MUST BE CEMENT FREE CHECK 100%.

DETAIL - "X"



SHED DETAIL

IT.NO.	DESCRIPTION	MATERIAL	QTY	CUST.DRG.NO.	IEC.DRG.NO.	REMARKS
3.	CEMENT	PORTLAND	--	---.	---	--
2.	INSULATOR SHELL	PORCELAIN.	1	C49040013NNO.	PF/51D1352	BROWN / GREY
1.	TOP &BOTTOM FLANGE	AL.ALLOY.	2	C20400045COO.	H/51D1352	LM 25-TB 7

PSN COMPONENTS
DRG.NO. BROWN - B6300 0026 ACO
GREY - B6300 0026 ADO

DRN	A.K.DEY.	15.09.99.	
CHD			
APPD	SD. N.V.	15.09.99	

A=104, P=90

REV	DATE	REV	DATE	REV	DATE	REV	DATE	REV	DATE	REV	DATE	REV	DATE	REV	DATE
	APPD		APPD		APPD		APPD		APPD	3.	APPD	2.	APPD	1.	APPD
										DRAWING RE-DRAWN IN AutoCAD .		B6300 0026 ACO FOR BROWN B6300 0026. ADO FOR GREY YEAR & SL.NO AT TOP SHED & INDIA AT TOP THE BOTT. SHED ADDED.	DATE 25.03.03	MARKING NUMBERS FOR BROWN & GREY REMOVED REF.P.O.NO.4678.	DATE 14.05.02

ASSY. DRG. REF.	SCALE	PROJECTION	MATERIAL	FINISH	WT.(kg.)
	NTS		AS ABOVE	AS ABOVE	

TITLE **PORCELAIN INSULATOR ASSEMBLY**

DRAWING NO. **5 1 D 1352** REV **3.**