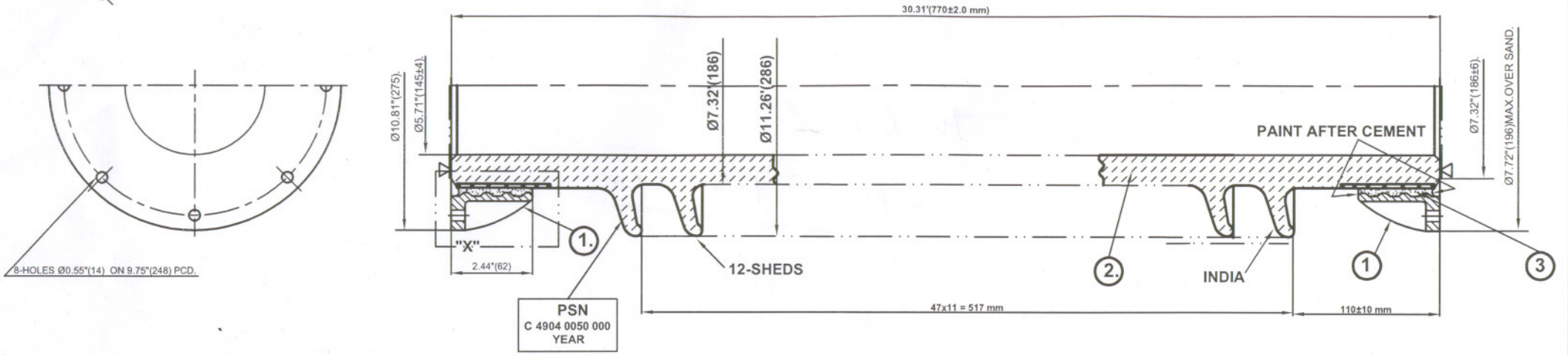
DRG.NO. 5 1 C 1821

ALL DIMENSIONS ARE IN mm



NOTES :

1. APPLICABLE STANDARDS FOR UNSPECIFIED TESTS & TOLERANCES IS:5621-1980 AND IEC: 233-1974 .
2. SURFACES MARKED THUS ▽ ARE TO BE GROUND & UNGLAZED.
3. COLOUR OF GLAZE : GREY .
4. MINIMUM NOMINAL CREEPAGE DISTANCE = 67" (1702 mm).
5. MINIMUM CREEPAGE DISTANCE = 65" (1651 mm).APPROX.
6. WARPAGE OF CENTRE LINE = 0.5" (13 mm).
7. BORE MUST PASS A PLUG OF DIA. 5.49" x 0.5" THICK (Ø139 x 13 mm TK).x MINIMUM 12" (305 mm) LONG .
8. ANGULAR DEVIATION BETWEEN TOP & BOTTOM FLANGES HOLES - 2° MAX .

ROUTINE TEST :

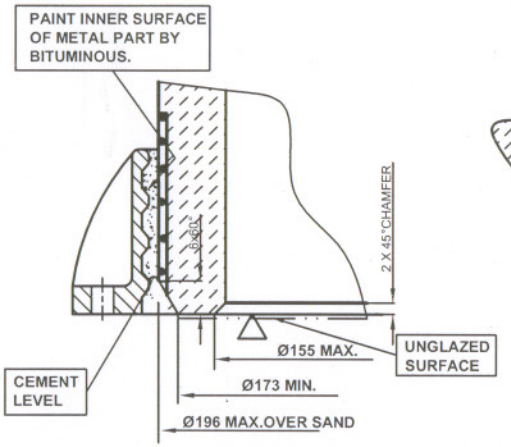
1. VISUAL INSPECTION .
2. VERIFICATION OF IMPORTANT DIMENSIONS .
3. ELECTRICAL ROUTINE TEST - 57.5 kV (2.8 kV min / 1 mm). FOR 1 MINUTE. AFTER TEST STAMP AT BOTTOM END OF PORCELAIN.

TYPE TEST :

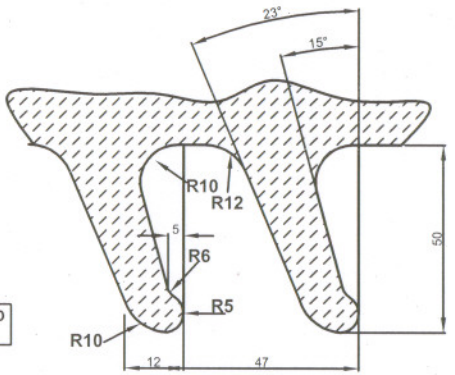
1. ULTIMATE CANTILEVER BENDING TEST = 8.0 kN .
2. ELECTRICAL ROUTINE TEST 57.5 kV (2.8 kV min. / 1 mm) FOR 1 MINUTE .

SAMPLE TEST :

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



DETAIL - "X"



SHED DETAILS

IT.NO.	DESCRIPTION	MATERIAL	QTY	CUST.DRG.NO.	IEC.DRG.NO.	REMARKS
3.	CEMENT	PORTLAND	--	---.	---	--
2.	INSULATOR SHELL	PORCELAIN.	1	C49040013NNO.	PF/51C1821	GREY GLAZED
1.	TOP &BOTTOM FLANGE	AL.ALLOY.	2	C 2040 008 L000 REV.B.	H/51C1821	LM-9 OR LM-25 BS:1490

PSN COMPONENTS
DRG.NO. B 6300 0107 000

DRN	ANIL.	25.06.01
CHD		
APPD	SD. N.V.	25.06.01

REV	DATE	APPD	DRAWING / NOTE
4.	21.08.04	APPD	DRAWING RE-DRAWN IN AutoCAD .
3.	22.11.01	APPD	SL.NO.& IN NOTE REMOVED & ELECTRICAL TEST WAS 70 kV .
2.	09.10.01	APPD	METAL PART TO PORCELAIN GAP 0.5±0.15 REMOVED.
1.	21.09.01	APPD	METAL PART TO PORCELAIN GAP & MARKING ADDED.AND PCD.WAS 247.5 .

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

TITLE **66-kV PORCELAIN INSULATOR**

DRAWING NO. **5 1 C 1821** REV **4.**

A=41,P=36