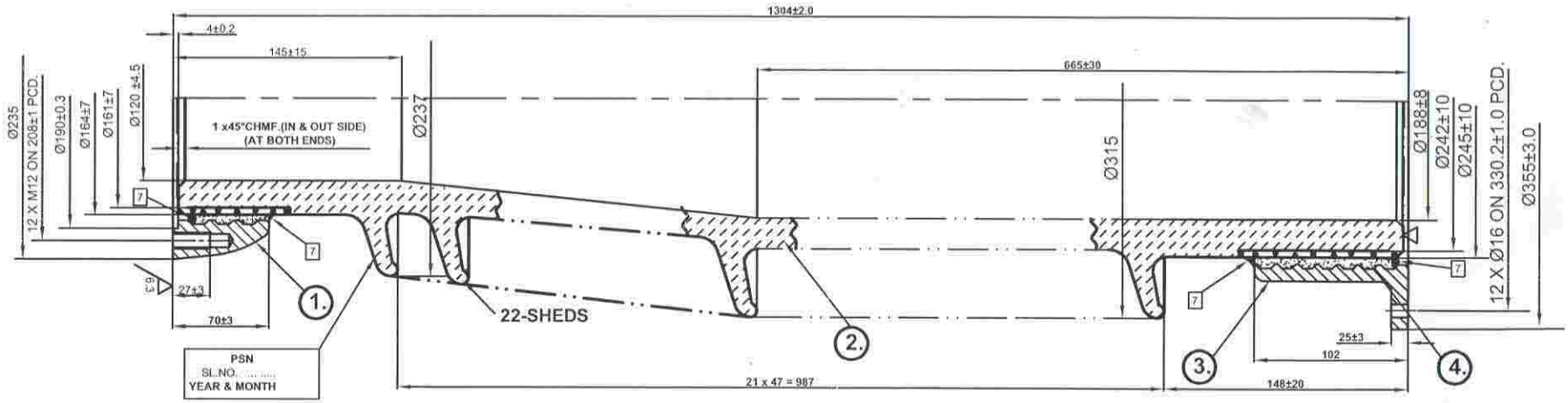
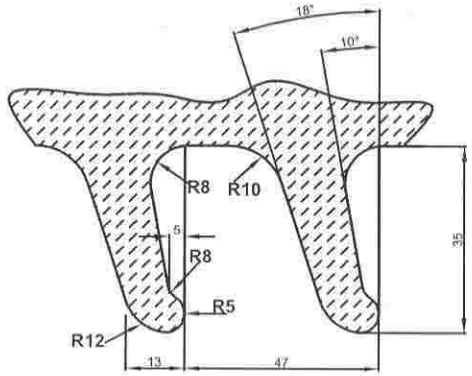
DRG. NO. 5 1 D 1794

ALL DIMENSIONS ARE IN mm



NOTES:

1. STANDARDS APPLICABLE IS : 5621 & IEC : 233.
2. TOTAL CREEPAGE DISTANCE = 2160 mm (85" MIN).
3. SURFACES MARKED THUS ▽ ARE TO BE UNGLAZED & GROUND .
4. INTERNAL HYDRAULIC BURST PRESSURE 53.8 bar.] TYPE TEST
5. CANTILEVER BENDING STRENGTH AT 'F' 15700 N.]
6. COLOUR OF GLAZE - GREY.
7. [7] APPLY NATURAL CURE SILICON RUBBER SEALANT (DOW CORNING 737 OR EQUIVALENT) TO SEAL THE CEMEN TED JOINT BETWEEN FLANGE AND PORCELAIN SEAL MUST NOT EXCEED ABOVE PORCELAIN FACE.
8. INTERNAL HYDRAULIC PRESSURE = 37.7 bar (ROUTINE).



SHED DETAILS

T.NO.	DESCRIPTION	MATERIAL	QTY	CUST.DRG.NO.	IEC.DRG.NO.	REMARKS
4.	CEMENT	PORTLAND	--	---.	---	--
3.	BOTTOM FLANGE	AL.ALLOY.	1	DT12C1413765 DT12D141371603	51D1753/H2	LM - 9 OR LM-25BS:1490
2.	INSULATOR SHELL	PORCELAIN	1	DT12D141371602.	PF/52D1794	--
1.	TOP FLANGE	AL.ALLOY.	1	42.609.462. DT12D141371601	51D0834/H1	LM - 9 OR LM-25BS:1490

DT. 22.07.02. CHMF,DIMNS,REMOVED,TOP O.D. & BOTTOM O.D. WERE 163 & 248.

REV	DATE	APPD	DRAWING RE-DRAWN IN AutoCAD .
5.	16.08.04		
4.	20.04.02		TOTAL HT. WAS 1300±2.TOP M.P. TO PORCELAIN DISTANCE WAS ZERO .
3.	03.02.02		TOP FLANGE OD.,PCD,NO OF HOLES,SHELL OD & CHAMF.DIMN. WERE 250, 220,12,170 &152 mm RESPECTIVELY.
2.	26.06.01		BOTT.METAL FLANGE WAS DT12C1413716 AND ID,OD,PCD,WERE 175,225 &310 RESPECTIVELY.
1.	30.5.02		TOP M.P. OD./PCD. WERE 270 / 240 CHANGED TO USE 145kV M.P. TOP ID. WAS 150.

PSN COMPONENTS
DRG.NO.DT12D1413716-SHEET 1 OF 2

DRN	A.K.DEY.	14.05.01
CHD		
APPD	SD. N.V.	14.05.01

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

TITLE **123-kV PORCELAIN BUSHING ASSEMBLY**

DRAWING NO. **5 1 D 1794** REV **5.**