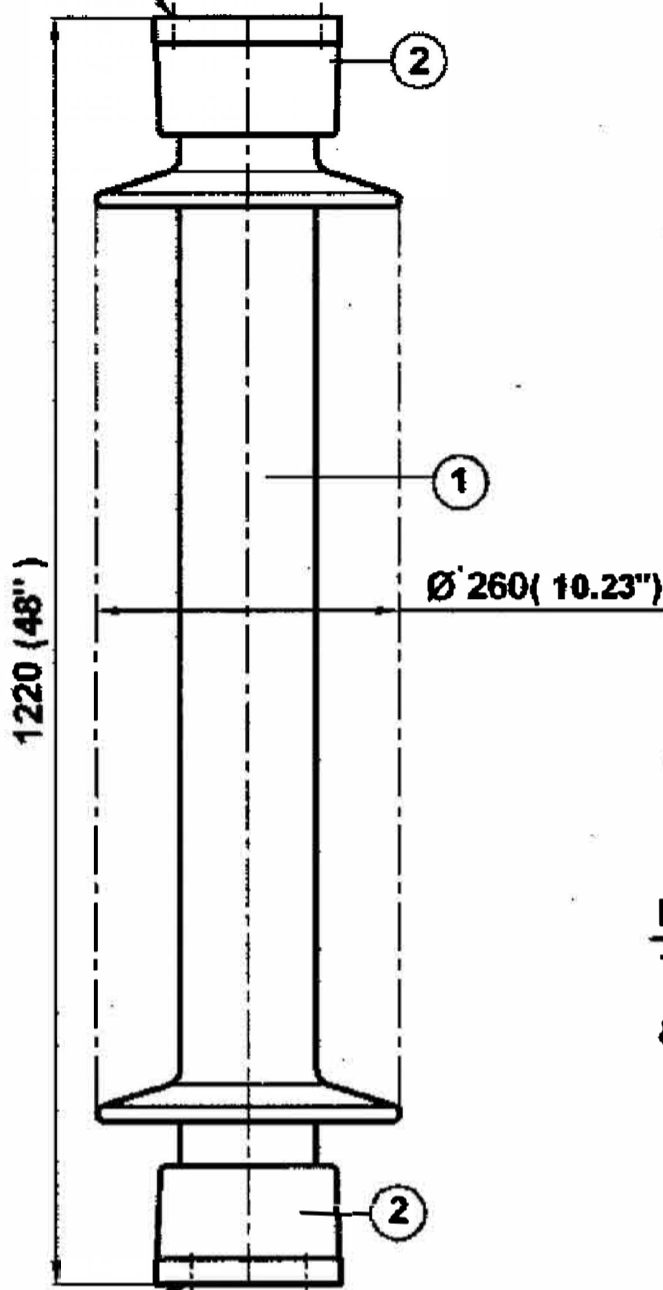


4 Holes 3/4"-10 UNC (0.015"Oversize)
X 0.875" deep on 7" PCD



4 Holes 3/4"-10 UNC (0.015"Oversize)
X 0.875" deep on 7" PCD

TECHNICAL PARTICULARS

MECHANICAL VALUES

Bending strength (Upright & under hung)	lb	4500	kN	20
Compression strength	lb	120000	kN	534
Tensile strength	lb	40000	kN	178
Torsional strength	in lb	120000	kNm	13.5

ELECTRICAL VALUES

Dry power frequency withstand voltage	kV	250
Wet power frequency withstand voltage	kV	230
Dry power frequency flashover voltage	kV	280
Wet power frequency flashover voltage	kV	255
Lightning impulse withstand voltage	kVp	550
Impulse flash over voltage	kVp	610
Min. creepage distance	inch99	mm 2515

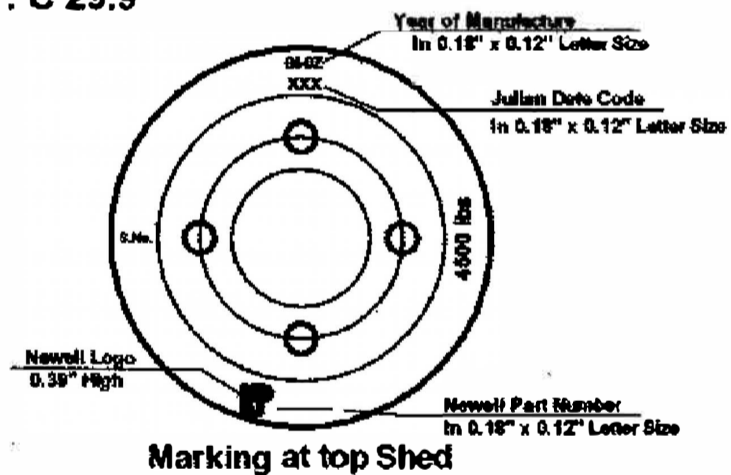
Shed profile as per IEC : 60815

RADIO INFLUENCE VOLTAGE DATA

Test voltage to ground	kV	73
Max. RIV at 1000 kHz	µV	200

NOTE: -

Test & tolerance as per IS :2544 , 5350 & IEC :60168,273
& ANSI : C 29.9



2	Caps	MCI / SGI	Hot dip galv .
1	Insulator body	Al. porcelain	Grey Glazed
S.No.	DESCRIPTION	MATERIAL	REMARKS

Title	SOLIDCORE POST INSULATOR (BIL - 550 kV)	Scale	N.T.S.	Matl.	See table
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Ref.	NP-550-1050-7001	Drawn	Kirti Nambiar
		Checked	S.K.Dixit
		Approved	K.R.J.C.

All dimension are in mm /Inch.	Date	05-02-2007
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NEWELL PSN LLC	Rev.	0
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