

TECHNICAL PARTICULARS

MECHANICAL VALUES

Bending strength (Upright & under hung)	lb	2600	kN	11.56
Compression strength	lb	75000	kN	334
Tensile strength	lb	25000	kN	111
Torsional strength	in lb	90000	kNm	10.17

ELECTRICAL VALUES

Dry power frequency withstand voltage	kV	280
Wet power frequency withstand voltage	kV	230
Dry power frequency flashover voltage	kV	305
Wet power frequency flashover voltage	kV	255
Lightning impulse withstand voltage	kVp	550
Impulse flash over voltage	kVp	610
Min. creepage distance	Inch 99	mm 2515

Shed profile as per IEC : 60815

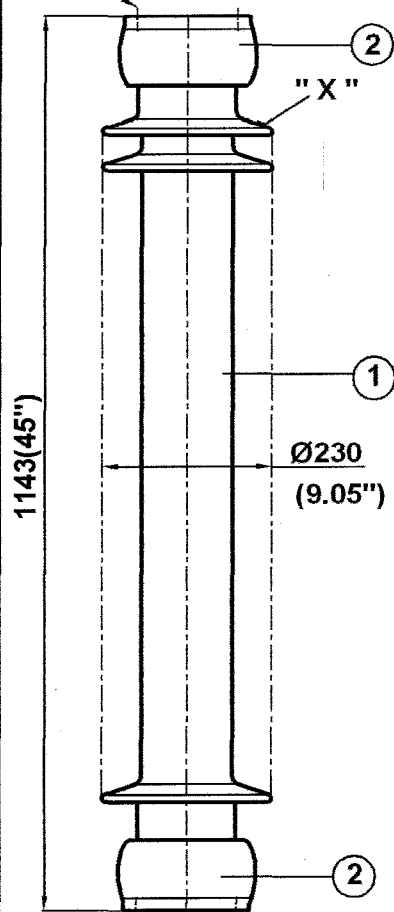
RADIO INFLUENCE VOLTAGE DATA

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

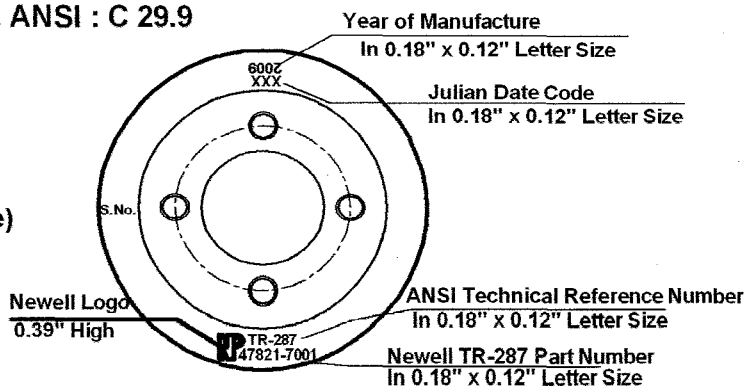
NOTE: -

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

4 Holes 5/8"-11UNC(0.015"Oversize)
X0.866" deep on 5" PCD



4 Holes 5/8"-11UNC(0.015"Oversize)
X0.866" deep on 5" PCD



Marking at top shed

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

Title STATION POST INSULATOR (BIL - 550 kV)		Scale N.T.S.	Matl. See table
Ref. TR : 287		Drawn D.K. Gautam	Checked D.M. Oswal
All dimension are in mm./inch		Approved A.P.N	Date 07-04-1990
NEWELL PSN LLC		Drg. No. 212 - C - 097	Rev. 1