TECHNICAL PARTICULARS

MECHANICAL VALUES

- Bending strength: lb 1750 kN 7.78
- Compression strength: lb 60000 kN 267
- Tensile strength: lb 20000 kN 89
- Torsional strength: inch-lb 60000 kNm 6.78

ELECTRICAL VALUES

- Dry power frequency withstand voltage: kV 650
- Wet power frequency withstand voltage: kV 590
- Dry power frequency flashover voltage: kV 680
- Wet power frequency flashover voltage: kV 620
- Lightning impulse withstand voltage: kVp 1470
- Impulse flash over voltage: kVp 1610
- Min. creepage distance: inch 264 mm 6706
- Shed profile as per IEC : 60815

RIV DATA

- Test voltage to ground: kV 220
- Max. RIV at 1000 kHz: μV 1000

NOTE:

- Test & tolerance as per IS :2544, 5350, ANSI C29.9 & IEC :60168, 273

3 & 4
Cap & flange MCI / SGI Hot dip galv.

1, 2
Insulator body Al. porcelain Grey Glazed

S.No. DESCRIPTION MATERIAL REMARKS

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Title

STATION POST INSULATOR

(BIL 1470kV)

Ref.

Drawn: Kirti Namblar
Checked:
Approved:

Date: 16-03-2010

All dimensions are in mm./inch.

NEWELL PSN LLC

Drg. No. 212 - C - 1602 Rev. 0