Technical Specification

MECHANICAL VALUES
Bending Strength: lbs/kN 2000/8.89
Compression Strength: lbs/kN 15000/67.6
Tension Strength: lbs/kN 14000/62.7
Torsion Strength: in.lbs/kNm 12000/1.35

ELECTRICAL VALUES
Dry Power Frequency Withstand Voltage: kV 120.
Wet Power Frequency Withstand Voltage: kV 100.
Wet Power Frequency Flashover Voltage: kV 140.
Wet Power Frequency Flashover Voltage: kV 110.
Lighting Impulse Withstand Voltage: kVp 250
Impulse Flashover Voltage: kVp 280
Min. Nom. Creepage Distance: inch/mm 43 2/1095.
Shield profile as per IEC60185

RADIO INFLUENCE VOLTAGE DATA
Test Voltage To Ground: kV 30
Max. RIV At 1000kHz: μV 200

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

<table>
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<tr>
<th>Item</th>
<th>Title/Name</th>
<th>Quality</th>
<th>Note</th>
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<tbody>
<tr>
<td>4</td>
<td>cushion</td>
<td>2--4</td>
<td>Asphalt felt</td>
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<tr>
<td>3</td>
<td>cement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>cap</td>
<td>2</td>
<td>M.C.I. hot-galvanized</td>
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<tr>
<td>1</td>
<td>porcelain</td>
<td>1</td>
<td>Grey Glazed</td>
</tr>
</tbody>
</table>

All dimensions are in mm.

STATION POST INSULATOR (BIL-250kV)

TR-214

Designed by
Checked by
Approved by
Date 2015.6.15

NEWELL PSN LLC