Technical Specification

MECHANICAL VALUES
Bending Strength:  lbs/kN  2000/8.89
(Upright & Underhung)
Compression Strength:  lbs/kN  15000/67
Tension Strength:  lbs/kN  14000/62
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  4.3"/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

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<tr>
<th>Item</th>
<th>Title/Name</th>
<th>Quality</th>
<th>Note</th>
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<tr>
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<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>
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<tr>
<td>2</td>
<td>cap</td>
<td>2</td>
<td>M.C.I., hot-galvanized</td>
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<td>porcelain</td>
<td>1</td>
<td>Grey Glazed</td>
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TITLE
STATION POST INSULATOR (BIL-250kV)

Ref
TR-214

All dimension are in mm.

NEWELL PSN LLC

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Scale
see table

Designed by
Hu Feng

Checked by
Qi zhi jun

Approved by

Date
2015.6.15

Drg.NO.
4103AX

Rev.
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