

DRG. NO. 8901

REVISIONS

4 HOLES M16
ON 127±0.5 P.C.D.IEC, EMBLEM
INDIA
MONTH & YEAR

3650±5.5

IEC, EMBLEM
INDIA
MONTH & YEARIEC, EMBLEM
INDIA
MONTH & YEAR

APPROVED: TKC/T-809

To: *[Signature]*
Engineer (Design)
Transmission Projects, MSE ICL,
501, *[Signature]*8 HOLES Ø18
ON 300±1 P.C.D.

ALL DIMENSIONS ARE IN mm

GUARANTEED TECHNICAL PARTICULARS:

GENERAL :-

1. Applicable standards IS:2544/ IS: 5350 /IEC:60168 / IEC: 60273 / IEC : 60815
2. TYPE : Solid core post insulator.
3. Colour of Glaze : Brown
4. All ferrous parts are to be hot dip galvanized
5. Min. Nom. Creepage distance mm. 10500

MECHANICAL VALUES :

1. Ultimate bending strength (Upright) kN. 8.0
2. Ultimate torsional strength. kNm. 6.0
3. Ultimate Tensile strength kN 160
4. Ultimate Compression strength kN 320

ELECTRICAL VALUES :

1. Nominal system voltage kV.(rms) 400
2. Highest system voltage kV.(rms) 420
3. Dry & wet one minute power frequency withstand voltage kV.(rms) 630
4. Lightning impulse withstand voltage (+Ve/-Ve) (Dry) kVp. 1425
5. Wet switching surge withstand voltage kVp. 1050
6. Min. Corona extinction voltage kV.(rms) 320

RADIO INTERFERENCE VOLTAGE DATA

- Test voltage to ground kV. 305
- Max. RIV at 1 MHz μ V < 500

SITEWISE QUANTITY BREAK UP

Chandrapur - II	Set	25
Wardha	Set	4



MAHARASHTRA STATE ELECTRICITY TRANS CO. LTD.

400/220kV CHANDRAPUR-II SUBSTATION
400kV WARDHA (PGCIL) SUBSTATION(EXT.)
220kV CHANDRAPUR MIDC SUBSTATION (EXT.)

LOA Number - CE/TRANS. PROJ/TKC-1/29/10396

Dated 31.07.09



BHARAT HEAVY ELECTRICALS LTD.
TRANSMISSION PROJECTS DIVISION
NEW DELHI

P.O. Number

129 P 600

Dated 23/02/10



INSULATORS & ELECTRICALS COMPANY

(PROP:-HINDUSTHAN VIDYUT PRODUCTS LTD.)

MANDIDEEP (M.P.)

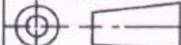
DRN	ANIL S.	23.01.04
CHD	ANIL C.	23.01.04
APPD		

REF. DRG. NO.

SCALE

NTS

PROJECTION



MATERIAL
PORCELAIN(KAL)
& MCI/SGI

FINISH

AS ABOVE

WT.(KG.)

315(Approx.)

TITLE

420-KV SOLIDCORE POST INSULATOR

DRAWING NO.

8901

REV.

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