

DDUGJY

TN-4484 / 9.0 M long 400 KG PCC pole

23

SCHEDULE-V

GUARANTEED TECHNICAL AND OTHER PARTICULARS OF 9 METRE PCC POLES HAVING WORKING LOAD 400 KG. WITH FACTOR OF SAFETY 2.0 UNDER TN-4484. DDUGJY

S.No.	Particulars	Requirement as per GTP
1	MANUFACTURER'S NAME	M/S S.P. PRESTRESS
2	OFFICE ADDRESS	KGI, 698, 8TH D-ROAD, OPP. SAINT ANDREWS HALL, SARDARPURA, JODHPUR-342003 M: 7976244844, 9530188568, Mail : spp.samdari@gmail.com
3	PLACE WHERE THE MATERIAL SHALL BE OFFERED FOR INSPECTION	H-17, RIICO INDUSTRIAL AREA, SAMDARI, BARMER
4	GST No.	08AJNPD5036B1ZK
5	STANDARDS TO WHICH THE MATERIAL SHALL CONFORM	As per specification
6	OVER ALL LENGTH	9.0 metre
7	PLANTING DEPTH	1.5 metre
8	TOP DIMENSIONS IN MM	225x100 mm
9	BOTTOM DIMENSIONS IN MM	395x100 mm
10	APPROXIMATE WEIGHT	675 Kg.
11	WORKING LOAD	400 Kg.
12	FACTOR OF SAFETY (F.O.S.)	2.0
13	NO. & DIA OF HT WIRE (TENSIONED)	20 ( 4 mm dia)
14	CONFIGURATION OF HT WIRE	As per approved drawing
15	POSITION OF EARTH WIRE LENGTH AND SIZE OF WIRE	Continuous length of 4 mm dia G.I. wire with a projection of 100 mm at 250 mm from top and 150 mm from below ground level.
16	DIMENSIONS AND POSITION OF EYE HOOKS	2 Nos. of Eye hook of 12 mm dia M.S. round having internal dia of 40 mm at 2.25 metre from top and 1.8 metre from Bottom
17	REINFORCEMENT (SIZE AND NO. OF RINGS)	8 Nos. of rings of 4 mm dia HT wires on top and 8 Nos. of rings on bottom (both ends) with minimum inter spacing of 20 mm.
18	CONCRETE COVER	20 mm
19	MARKING ON THE POLES	Marking should be engraved on transverse face S.No., Dt. of Casting, JdVV/L, DDUGJY
20	Yellow RED STRIP	A strip of 30-40 mm shall be painted on one side of the pole at a planting depth (1.5 Metre from bottom) with oil paint of red colour. yellow
21	HOLES POSITION	2 holes of 18 mm dia at 60 mm and 160 mm from top on longitudinal face of the pole (broad face).
22	CONCRETE QUANTITY PER POLE	0.279 M <sup>3</sup>
23	CONCRETE GRADE	M-42

Note:- Max. tension in wire should not exceed 80% of its ultimate tensile strength.

Jd. V. V. N. LTD. (DDUGJY)

GENERAL APPROVED

For DDUGJY work

Subject to observation

V. No. 2606 DT. 24.1.19

M. V. V. N. LTD. (DDUGJY) XEN (DDUGJY) SE (DDUGJY)

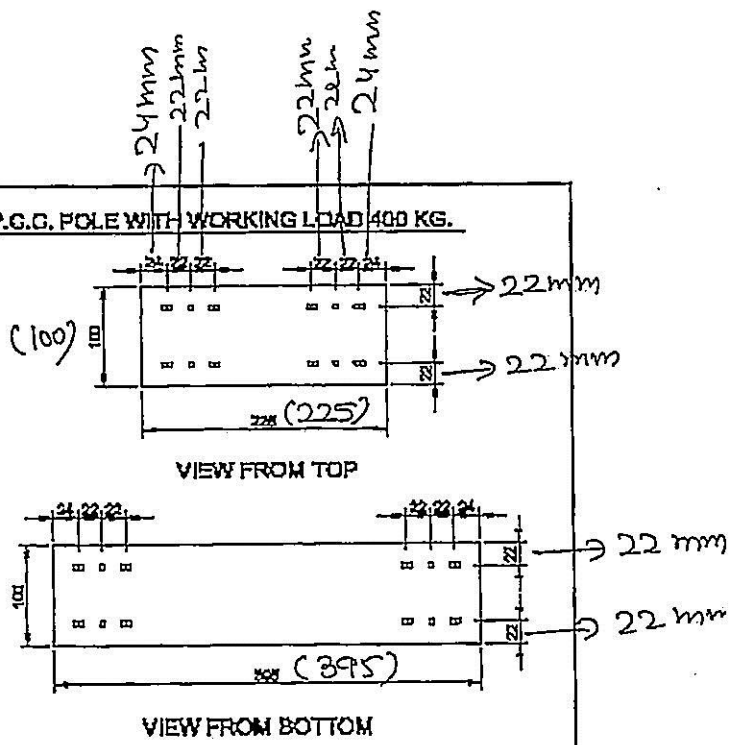
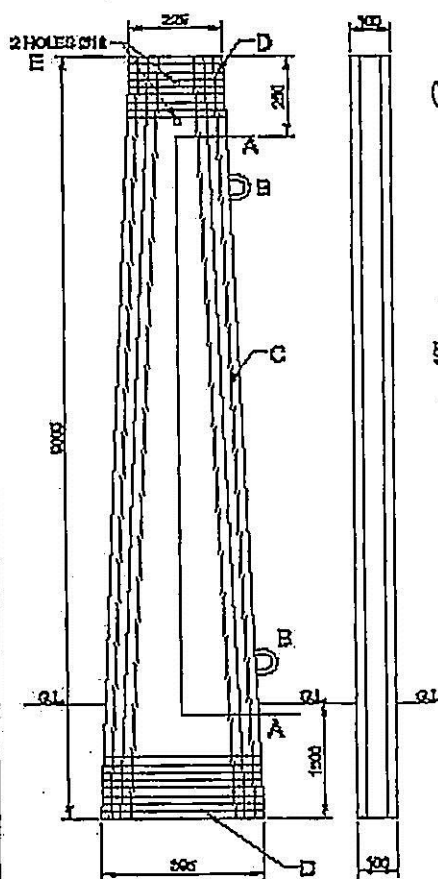
Name S P Prestress  
Designation Proprietor

M/s. S. P. PRESTRESS

Proprietor/Manager

Name of M.P.  
TN-362  
363

**DRAWING OF 8 MTR. LONG P.C.C. POLE WITH WORKING LOAD 400 KG.**



TECHNICAL DATA	
FACTOR OF SAFETY	2.0
CONCRETE GRADE	M-42
DIA OF PRESTRESSING WIRE	4 mm
ULTIMATE TENSILE STRENGTH	17500 Kg/cm <sup>2</sup>
NO. OF TENSIONED WIRE	20
CONCRETE QUANTITY PER POLE	0.278 M <sup>3</sup>
STEEL QUANTITY PER POLE	18 Kg
WEIGHT OF POLE (APPROX.)	578 Kg
CONCRETE COVER	20 mm + 2 mm

- A. G.I. WIRE OF 4mm DIA. WITH A PROJECTION OF 100 mm AT 250mm FROM TOP & 100mm BELOW GROUND LEVEL.
  - B. 2 NOS. OF EYE HOOK OF 12mm DIA. M.S. ROUND HAVING INTERNAL DIA OF 40mm AT 2.25M FROM TOP AND 1.8M FROM BOTTOM.
  - C. 20 NOS. OF 4mm DIA. H.T. WIRES TENSIONED.
  - D. 5 NOS. OF 4mm DIA. H.T. WIRES OR 4 NOS. OF 6mm DIA. M.S. ROUND RINGS ON BOTH ENDS WITH MINIMUM INTERSPACING OF 20mm & 30mm RESPECTIVELY.
  - E. 2 HOLES OF 18mm DIA. AT 50mm & 100mm FROM TOP ON LONGITUDINAL FACE OF POLE (BROAD FACE).
- ALL MARKING ENBOSSSED ON TRANSVERSE FACE OF POLE.

ALL DIMENSIONS ARE IN MM  
DRAWING NOT TO SCALE

JODHPUR

JAI PRAKASH VIDYUT VITRAN NIGAM LTD.

Jd. V. V. N. LTD. (DDUGJY)

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Subject to observation

W.P. No. 2606 DT. 26.1.19

MN [Signature] [Signature]  
AEN (DDUGJY) XEN (DDUGJY) SE (DDUGJY)