

TECHNICAL PARTICULARS FOR 8 MTR /200 Kg. P.S.C POLE

As per REC Specification No. 24/ 1983 (Revised - 1987)

Sl. No	PARAMETERS.	UNIT	8.00 Mtr, 200 Kg.	REMARKS
1	Overall length of the Pole.	M	8.00	
2	Working Load.	Kg.	200	
3	Bottom Depth.	mm	290	
4	Top Depth.	mm	145	
5	Bredth.	mm	90	
6	Depth of planting.	M	1.5	
7	Factor of Safety.	--	2.5	
8	No. of Tensioned wire.	No.	12	
9	No. of Un-tensioned wire.	No.	2	
9	Diameter of Pre-stressing wire.	mm	4	
10	Ultimate strength of Prestressing steel.	Kg/mm ² .	17500	
11	Length of the Tensioned wire.	M	7.5	Tension should not exceed more than 5% of the U.T.S of the wire.
12	Distance of concentrated load from the top.	M	0.60	
13	Concrete Grade.	--	M-240	
14	Size of Aggregate.	mm	-12 mm	Down grade
15	Concrete quantity.	Cum.	0.157	
16	Steel quantity.	Kg.	11.25	
17	Weight of Pole.	Kg.	380	