# PSC Electric Poles, Pre-stressed Concrete Electric Poles, Concrete Pole, Cement Pole, Concrete Electric Pole, Electricity Cement Pole, PSC Poles, Concrete PSC Poles Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Mar

**Description:**

Prestressed concrete poles are being usednow a day. These poles have many advantages when compared to traditional poleslike Mild steel poles. The manufacturing process is heady duty process andinvolve many steps. This is mainly focused on the Electrification poles used bythe distributing transmission lines. The main factors considered inmanufacturing and designing of such poles are economy, required strength anddurability. The various material used are steel, cement, admixers like curingcompounds, rapid hardening compounds etc.

Prestressed concrete poles are commonlymass produced and are used in most countries for power transmission, antennamasts etc. These poles offer several advantages: Pre-stressed concrete polesare lighter and stronger, and they require less reinforcing steel. The concreteis generally in compression, so cracking is unlikely except from roughhandling, and the concrete used is of higher strength so it can withstand thepre-stressing operation. Due to the special manufacturing process, in which thepoles are spun at high speeds, they have a smoother surface that is denser andless permeable.

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