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OMAN POLES LLC



*The
Difference is
Quality*



ABOUT OMAN POLES ..

Established in 2013 with the objective of manufacturing high Quality pre-stressed concrete spun Poles to meet the need and demand of the rapidly growing Power Infrastructure development and contributing to **In-Country value**.

The factory is located in Sumail Industrial estate phase II. Concrete Spun poles are manufactured in Technical partnership with PMW Industries SDN.BHD Malaysia.

The company manufactures concrete poles upto 132KV and has the capacity and capability to manufacture innovative concrete products for various application like monopoles for telecom application, Floodlights mast for sports lighting, Decorative Pole for garden lighting, Street

lights, Advertisement pole and Spun piles.

The company is certified for ISO 9001:2015 Quality Management System. The factory is fully equipped with professional and trained manpower, latest technology plant and machineries, in-house laboratory, testing equipment's, including the bending test facility to ensure the product Quality and cater to the varied requirement of our esteemed customers.

The company's goal is to provide all our valued customers consistently with Quality product, unparalleled customer service, competitive pricing and an environment friendly product.



PRODUCT

Oman poles offers diverse range of pre-stressed spun concrete poles for both 33KV & 132KV overhead transmission Lines and various applications that offers optimum utility, value for money and environmental friendly.

Oman poles pre-stressed concrete poles are engineered product designed for each specific application and manufactured under rigid Quality standards. (e.g. PDO specs, DCRP-OER and EN standards)

Our concrete poles are approved in Oman by Petroleum Development of Oman, Daleel petroleum and DCRP (i.e for use in Mazoon Electricity, Majan Electricity, RAECO and other utilities network). We are registered with Joint supplier registration system (JSRS) as an approved vendor to supply in Oil & Gas industries.

We can also manufacture concrete Stadium mast, Telecom monopoles, Advertisement post, camera post, Decorative poles and spun piles.

Pole Sizes, Type and Strength

Length/Sizes - Poles (Single lengths) upto 24Mtr and poles \geq 40Mtr with joints can also be manufactured

Pole Types - Intermediate Light, Intermediate, Angle Section, Terminal, Tap off

Strength - 4.18kN, 6kN, 10.5kN, 15kN, 18kN, 30kN, 40kN (Working load)

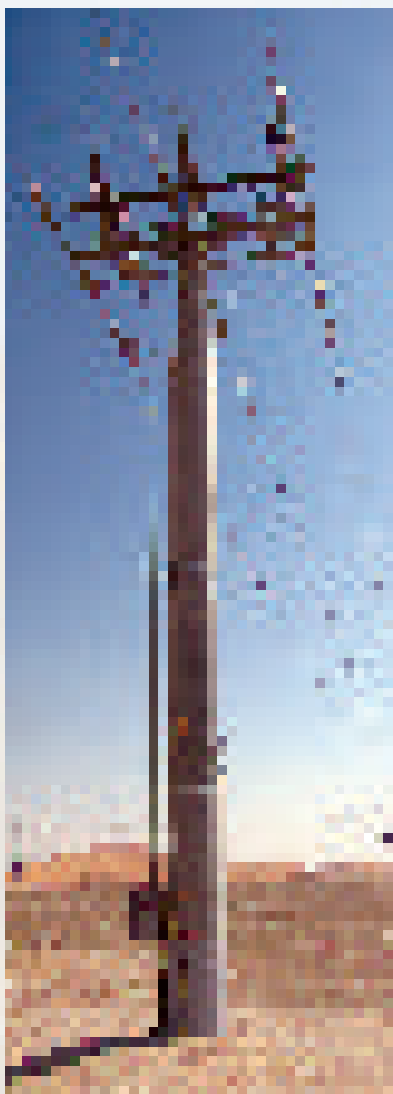
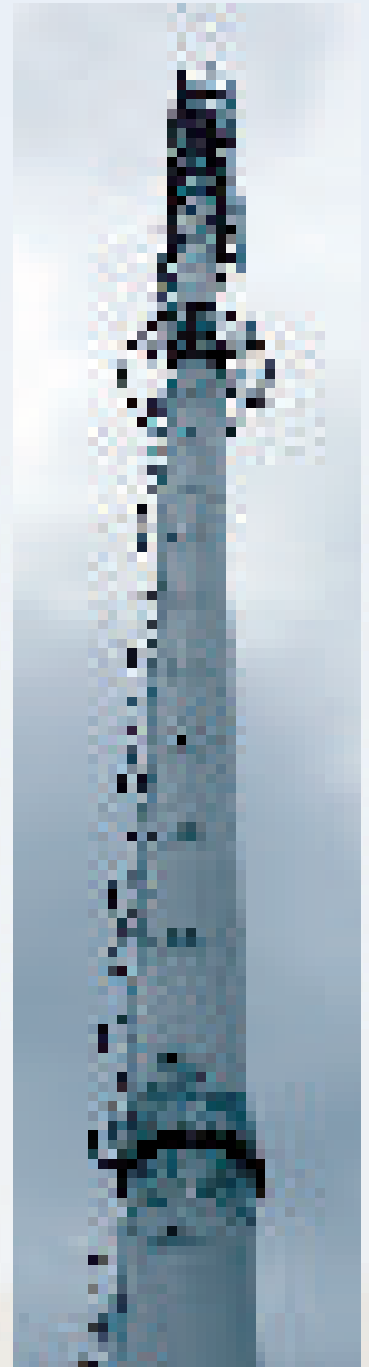
Application - Poles for Single circuit line, Double circuit line, Road/Pipeline crossing Switchrack application, Well feeder line and Wadi crossing

Oman Poles has a team of Skilled and highly experienced Technical Design, Operators, Quality control, Marketing and after Sales professionals to cater and provide solutions to customer's project specific requirements. Concrete Poles of other sizes, types, strength and application can be manufactured as per customer project requirement and request

Holes ; Holes are precast to meet the standard requirement, can also be made to clients specification with preformed holes for mounting attachments, any desired arrangement can be provided.

Standard ; All Poles are supplied with built in standard fitting like Aeration vent, Earthing studs, Pole Name plate, Aluminum Pole Cap with fixing bolts.

OHL Fitting ; Our Group Company Global Corp Enterprises L.L.C – Approved PDO vendor stock and supplies Overhead line fitting, accessories and cross-arms for usage and suitable for concrete Poles OHL.



MANUFACTURING & TESTING

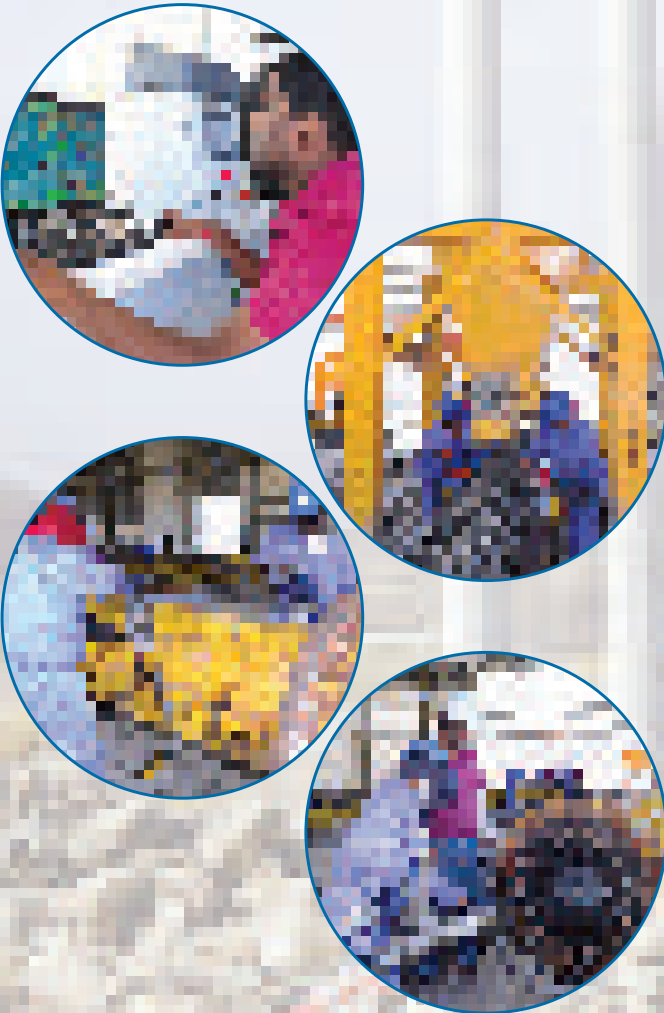
Oman Poles pre-stressed spun concrete poles are manufactured from high quality concrete and steel by combining the benefits of pre-stressing for high density, low weight, higher strength to weight ratio and spinning for centrifugal compaction. This product is circular, hollow in cross-section and is far superior in strength.

Most of the raw materials used in manufacturing Concrete poles are sourced from reputed suppliers locally.

By applying advanced technology and equipment, special care is taken at each process following stringent Quality control, Testing and Inspection procedures in accordance to various international standards and local Utilities specifications to ensure that our customers receive Quality product.

CONCRETE POURING & FINAL TENSIONING

High quality concrete having minimum strength of C55/67 is poured into the lower part of the mold to ensure desirable wall thickness. The mold is closed and bolted. Final tension is applied to each PC strand.



MOLD PREPARATION

Precision tapered molds are prepared for the use.



REINFORCEMENT

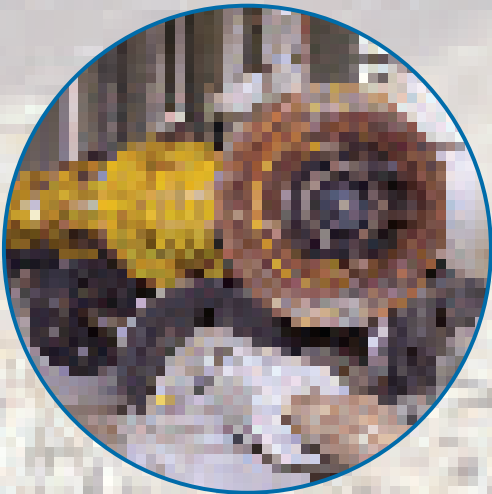
Reinforcement cage are made from high strength pre-stressing steel strands, wrapped with spiral wire and fastened to tension plates at both ends of the mold.

All the accessories are inserted into the mold. Earthing forms an integral part with two stainless steel nuts flush with the pole surface outside, provides an electrical connection to all the pole reinforcement wire.



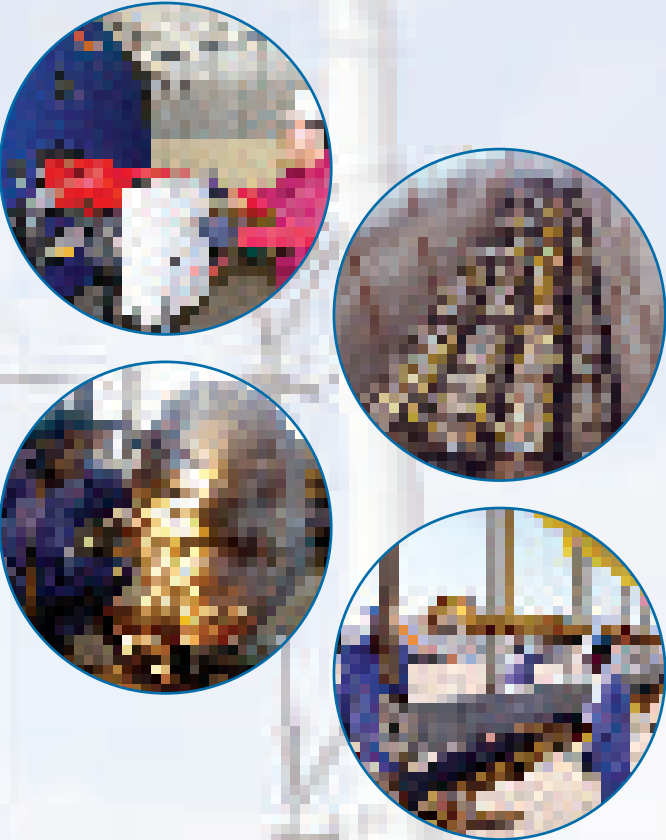
SPINNING

The mold is rotated at a designed RPM and time, the unique centrifugal force forms a hollow core at the centre axis of the pole and creates a uniformly dense high strength concrete along the whole length of the pole with a smooth finish.



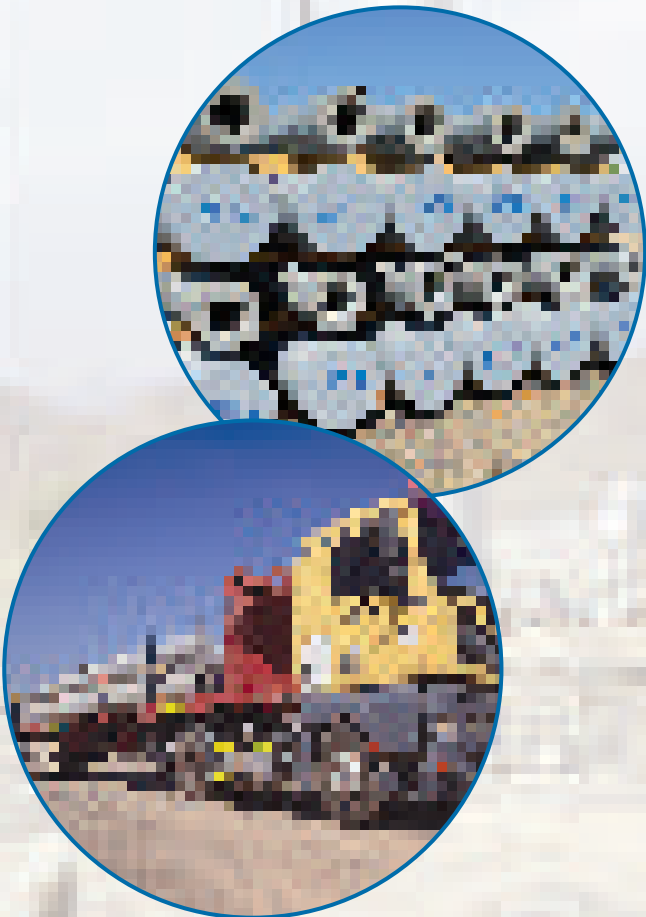
STEAM CURING & DEMOLDING

The poles are steam cured before they are demolded



DELIVERY

All the poles are delivered to the customers after the pole has achieved the age of 15 days.



FINISHING, FINAL INSPECTION & TESTING

Physical & dimensional checks, straightness and concrete cover checks are carried out. Accessories and Holes are checked for final finish. Compression test of the cubes are carried out for all concrete batches.

Concrete bottom capping is done and application of soil protection paint is applied for poles as requested by client.



QUALITY (TYPE TEST)

To ensure our customers receives Quality product, bending test is performed in-house for the pole strength.



INSTALLATION AT PROJECT SITES

Over the decade Oman has experienced rapid growth in the use of pre-stressed concrete spun poles over wooden poles which has become increasingly unacceptable environmentally.

Oman poles pre-stressed concrete poles were developed to meet the pressing demand of the Petroleum Development of Oman and local utilities to cater the infrastructure development projects - Overhead power distribution and transmission line as well as power substations.

The range of Concrete Poles finds acceptance across the country for its superior quality and its long term durability even in very harsh environment.

Till date, we have supplied thousands of poles in Oman which are installed at various project sites.

Few advantages of pre-stressed spun concrete poles are listed below;

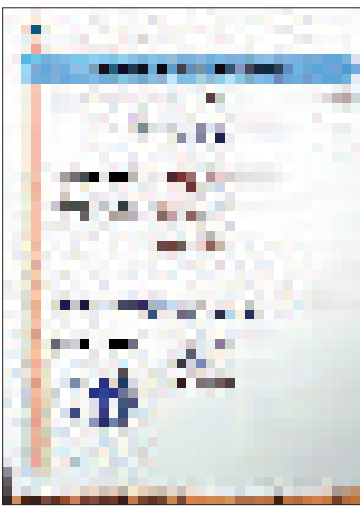
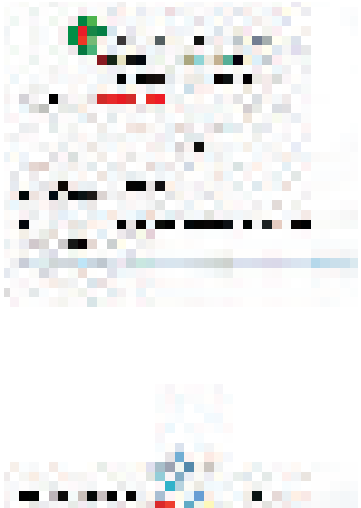
- ▶ The proven & solid alternative to wood.
- ▶ Environmentally friendly
- ▶ Exceptionally smooth and durable. Aesthetically pleasing
- ▶ Standard in dimensions. Made to client's specifications with preformed holes
- ▶ No maintenance. Pre-stressed concrete poles require no painting, will not rust, are impervious to sunlight and do not require ground line treating.
- ▶ Resistant to fire, Termite and vandalism
- ▶ Amenable to being stored and stockpiled even in remote areas.
- ▶ Easy Installation. Direct embedding into the ground with fast installation and low foundation costs



OUR VALUED CUSTOMERS



CERTIFICATES AND APPROVALS





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Sumail Factory Location

Oman Poles L.L.C

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