

# Towers Manufacturer



**Engineering,  
Procurement &  
Construction**

of Power & Telecommunications Projects



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## Introduction

**EPC** ENERGY & POWER COMPANY (FZC) was founded in Sharjah Free Zone- UAE since 2008 to materialize the marketing tool of our growing sister companies and to be a leader in the infrastructure field for both sectors Telecommunications, and Power & Energy "Transmission & Distribution".

We specialize in EPC projects "Engineering, Procurement, and Construction"; were success and competitiveness is derived from our team support and our values "Teamwork, Safety, Integrity, Quality, Flexibility"

We grew into a company employing more than 400 employees, and we stand today as the major supplier for Lattice Steel Towers for the Middle East market.

We are proud about our long and rapidly growing list of satisfied clients, including some of the most reputed firms in the private and public sectors; a testimony to the trust and confidence we command in the market.

**EPC** specialists in managing the life lines of society and maintaining infrastructure availability. For Telecom and Power (Transmission & Distribution) networks, we keep you up and running covers them both, from design, planning, manufacturing, and construction to innovative life cycle services.



In **EPC**, we do cover the following range of products:

- 1-Power Transmission & Distribution Towers
- 2-Substation Structure
- 3-OHL Accessories
- 4-Radio & Telecommunication Towers
- 5-Radar Towers
- 6-Roof Musts
- 7-Poles : Power, Telecom, Lighting
- 8-Other Lattice Steel Structure
- 9-Hot Dip Galvanization as per BS729 or equivalent
- 10-Guard Rail



## Mission

In every thing we do, Customer orientation is the basis of all EPC service operations which are easily within your reach, Making your life and business easier keeping you up and running, and being the market leader is what we strive for

### Expert consulting, design and engineering services

EPC has invested tremendously in sophisticated special design programs to give the most economical lattice towers structure. Our team of Engineers draftsmen, and detailers ensures that the developed tower is the most economical, taking in consideration the structural stability and all international standards.

All drawings and detailing activities are fully computerized including fabrication shop drawings and Bills of Materials throughout BOCAD program. The fabrication drawings developed by BOCAD are being directly transferred to CNC machines to reduce the chance of manual errors

### Production Planning Control PPC

To insure client satisfaction, was the innovation of (PPC) that represents the PLANING MIND of EPC. The Dept activities start from Planning for raw material production schedule, and inspection till shipping of finished goods.

### Fabrication

All of our products are being manufactured by the use of up to date technology CNC machines (Angles & Plates), with the minimum manual handling required using raw material from first class European steel mills. Starting from our belief "Never to tolerate with quality", the use of CNC Machines were a must to guarantee Zero manufacturing defects.



## Plant Description

Open Area:	38,000 SQM
Covered Area:	12,000 SQM
Covered Storage:	4,000 SQM
Fabrication Capacity:	40,000 MT / Year
Galvanization Capacity:	50,000 MT / Year







## Prototype Assembly

To ensure the correct fitment of all tower members at site and to guarantee having a zero defect product, we implement the process of horizontal assembly of the prototype tower in EPC facilities before the beginning of the mass production.

## Galvanization H.D.G

EPC facility is being equipped by one of the biggest galvanizing plants in the Middle East which kettle dimension is of 11.0m length, 1.80m width and 2.50m depth. Also, the passivating process to protect the steel from storage stains and white rust may be considered as an added value to the facility. EPC is well equipped with laboratories for testing and maintaining the quality to assure Zero defect final product conforming to ASTM and BS standards.

## Quality Control & Assurance

Quality is one of the most important factors taken into consideration from early beginning stage starting from preparing the offer to customer and ending by delivering the project.

Starting from this belief we raised our principle

**NEVER TO TOLERATE WITH QUALITY**

All tower manufacturing processes "Raw Material Inspection, In Process Inspection (1- Fabrication 2- Proto Assembly 3- Galvanization), and Final Inspection", are being monitored carefully by our well trained quality controllers to meet our client requirements and the international standards ASTM, B.S.S, DIN, I.S.O, ...



**GA** galvanizers  
association

*This is to certify that*

***Energy and Power company***

*is an Affiliate Member of Galvanizers Association*

*[Signature]*

