

powering  
the future

Total solutions for  
Wind Tower Internals



Power High Engineers Private Limited  
Plot No. 99-100, Phase 1, Road No.7,  
G.I.D.C., Kathwada Industrial Estate,  
Kathwada, Ahmedabad, Gujarat - 382430. (India)

Phone: +91 79 65412958, +91 9909910298  
E-mail: powerhigh@phepl.com, powerhighengineers@gmail.com  
Website: www.phepl.com, www.powerhighengineers.com



An ISO 9001:2015 / ISO 14001:2015 / BS OHSAS 18001:2007  
INTEGRATED MANAGEMENT SYSTEM Certified Company  
D&B D-U-N-S Number : 67-767-3617



## Towering Heights



POWERHIGH ENGINEERS PVT. LIMITED (known as POWER HIGH) is a leading company engaged in heavy metal fabrication in the city of Ahmedabad which is a commercial capital of state of Gujarat (India) which is considered to be the most progressive state in India. Ahmedabad is well connected by Road, Rail & Air. Major ports like Kandla (300 kms) and Mumbai (500 kms) are in close proximity of Ahmedabad.

The company POWER HIGH has much wider experience in the field of light / heavy metal fabrication / manufacturing of various type of industrial projects like petroleum, petrochemicals, mineral, road, railway, steel industries etc.

Presently POWERHIGH is in business of manufacturing of Internals for Tubular Tower for Wind Turbine. This includes Weldable internals, Door frames, Platforms, Stairs, Assembly parts & Transportation devises since 2004.

POWERHIGH has been working with close coordination with Third Party Inspection Agency engaged by the client to their full satisfaction.

The company has very large & well-built infrastructure comprising of

- 120,000 Sq.ft. of work area.
- Hi-tech equipments with state of the art technology supported by appropriate tooling programs.
- A team of skilled / experienced / qualified work force.

### Our Mission

To provide satisfaction to the customer by supplying material / offering services of excellent quality equivalent to global standards at the right price and on committed time schedule.



# Infrastructural Strength



## Material procurement

Material procurement is done as per specification / grade with required mill test certificates as per the standard and needed by the client. An experienced supply chain team handles this activity.

## Equipments

### Cutting

We have Advance Cutting facility of CNC PLASMA Cutting machine-03Nos. with Dual torch station (Cutting table - 15.0m L x 4.5m W) and Hydraulic shear machines. Additionally we also have Plasma arc cutting system equipped with PUG machine

### Bending

Numerous NC Press Brake with NC back gauge of required size and capacity carries out most critical process of Bending for efficient operation and precision dimensional out put with excellence qualitatively and quantitatively.

### Pressing

Hydraulic presses are available of 500 MT & 300MT capacities for the most significant activity of doorframe making for wind tower.

### Punching

These machines are used as substitute to drilling which is an advance process to make various diameters of holes / capsule shape slots.

### Welding

We have a sizable strength of Experienced / Qualified / Trained welding operators to achieve excellence in all type of welding process with equipments like CO2 MIG, TIG Welding, welding Rectifier Machine and TIG/MIG/ARC TPS - 2700 (welding system especially for aluminum welding) available large in numbers.

### Machining

Having advance facility for machining like Planning, Shaping & Milling. We also have LMW make CNC Turning M/C.

### Surface Preparation

We are prepared with all the facilities for surface preparation which include Painting/Spray Galvanizing / hot dip galvanizing process and various type of protective coating.

### Support services

In addition to all above, we also have following support services

- Development of drawings on auto cad to support design
- Documentation system in terms of Quality/EMS/OHSAS
- Proto type development for R&D.



## Our Clientele



- Suzlon Energy Limited - Pune
- Suzlon Structures Limited. - Gandhidham
- Gamesa Renewables Pvt. Ltd. - Chennai
- Regen Power Tech Pvt. Ltd. - Chennai
- Global Wind Power Ltd. - Mumbai / Selvassa
- Inox Wind Ltd. - Noida
- Pasi Wind Solutions (p) Ltd. - Ahmedabad
- Windar Renewable Pvt. Ltd. - Halol
- Fedders Lloyd Corp. Ltd. - Bharuch
- Phenix Construction Technologies - Sanand
- Gestamp Powergear Windsteel Pvt. Ltd. - Kolhapur

## Know about POWER HIGH

**Capacity:** The unit is capable of making 800 sets of Internals and assembly for any tower model per annum

**Experience:** 3300 sets of tower internals supplied to SUZLON / Gamesa / GE which include over 275 sets of WTG TT Internals made for their Export towers (exported to USA/EUROPE/SRI LANKA).

**Added features:** We are the first and only Wind Tower Internal manufacturer in INDIA who has attained ISO 9001-2015, ISO 14001- 2015 and BS OHSAS 18001-2007-INTEGRATED MANAGEMENT SYSTEM certificate for the product and service. This certification is for "MANUFACTURE AND DISPATCH OF WIND MILL TUBULAR TOWER INTERNAL & ASSEMBLY PARTS AND HEAVY STRUCTURAL FABRICATION WORK"

**Way Forward:** We have plans to expand our horizon of business by entering in the area of Solar energy with supply of Mounting Structure and components for Solar panel as well as Export of Internals & Assembly Parts for Wind mill towers.

