



Engineering

**INDIA'S FUTURE**

**PRE ENGINEERED BUILDING DIVISION**



## Who We are?

An ISO 9001:2015 certified organization with an annual turnover of over 2000 cr INR, **Utkarsh India** is a core engineering enterprise with a multi-decade-long experience for manufacturing excellence in steel fabrication, galvanization, plastic extrusion, and moulding. We are a trusted one-stop solution for all need-based applications ranging from design, engineering, rolling, forming to fabrication and galvanizing.

**Utkarsh India**, located at Gurap and Jangalpur in West Bengal, has an avant-garde infrastructure & manufacturing setup spread across a mammoth **3,428,090 sqft**.

With over 4000 highly skilled permanent and contractual workforce in pursuit of perfection with a robust network of vendor partners from logistic services, raw material suppliers, and capital goods suppliers - all standing together and committed to our ethos - **LIFE DEMANDS, WE DELIVER.**

**2000 Crore**  
Annual Turnover

**3,428,090 sqft**  
**Infrastructure & Manufacturing Setup**  
Cover Area | Uncover Area  
784,391 sqft | 2,643,598 sqft

**4000+**  
Highly Skilled  
Workforce

## Our Products

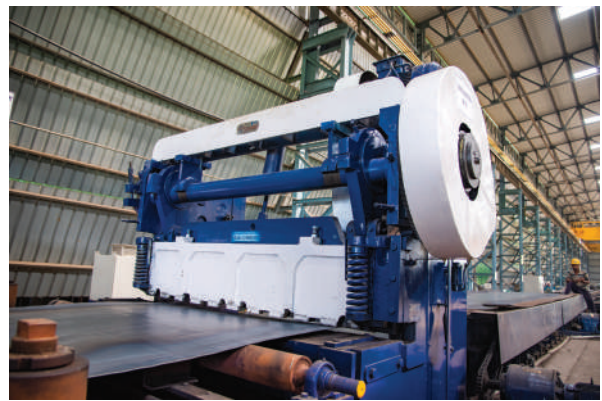
Utkarsh India Limited is a major manufacturer and exporter throughout the globe and ranks amongst the top pan-India manufacturers, suppliers of –

- Pre-Engineered Building Structures
- Polygonal & Octagonal Poles
- High Mast Lighting Structures
- Steel Tubular Poles
- Railway Electrification Structures
- Metal Beam Crash Barriers
- Mild Steel and Galvanised Steel Pipes
- Polymer Pipes, Fittings, and Accessories
- Transmission Line Towers for electrification
- Telecom Towers for communication
- Water Tank Metal Structures

At Utkarsh India, we follow the strictest manufacturing norms and certifications for our product range, namely – IS, BS, ASTM, AS, EN, OHSAS, MORTH & SLS. We are also partnered with several International and National testing labs and testing centres like SGS, CE, DNV, BVQI, and TUV, thereby ensuring our unmatched product quality and services.

# Why Utkarsh India

- Utkarsh India provides a single roof for all infrastructural manufacturing requirements thus becoming the most preferred infrastructural partner in the public and private sector space, catering extensively to the global and Indian customer requirements.
- We have a highly competent in-house design as well as research & development laboratories with cutting-edge in-house testing facilities.
- We have a sound financial standing to accomplish manufacturing target deadlines.
- Our MOUs with leading National and International raw material manufacturers allow superior quality and easy procurement.
- We are equipped with ample stock holding area for finished products as well as raw material storage.
- Our manufacturing units are closely connected via seaports, national highways, and railways.
- We possess excellent vendor management skills with committed after-sales support.



# Pre-Engineered Building Structure

PEB or pre-engineered building are steel structure, which is first manufactured and fabricated in the factory premises and then assembled at the site of construction. Highly trained specialists and experienced experts comprising of engineers, fabricators, and certified fitters are responsible for constructing these steel structures, consisting of roofing, exteriors, beams and columns

**Time & Cost effective** – Due to simultaneous work in the factories and the site of construction, the PEB process has been a huge saviour of Time and Money.

**Re-locatable** – In case a customer requires to get the prefabricated structure re-located, it can easily be done with minimal amount of wastage involved.

**Distinctive** – Every building in the PEB structure is built differently from the other in terms of design, creativity, pattern, etc. offering a wide customizable choice.

**Highly Durable** – Pre-engineered building structures have also widely been accepted because they provide a higher degree of durability, in case of earthquakes or any other natural calamity.

**Design Flexibility** – No other construction, other than PEB provides the most required design flexibility for steel structures and design customization for customers.

**Ever-increasing demand** – With a high demand for housing/ office space/ warehousing/ hangers, PEB comes to rescue as being the fastest mode of construction structure.

**Acceptable for every structure** – PEB structured buildings are preferred as a first choice by private and public sectors because of quick construction and customization. A few examples include – industrial warehouses, storage, industrial shed, multi-storey buildings, cold storage, etc. PEB structures are now commonly used in low rise, medium-rise and skyscrapers in India as well as all over the world.

**No water needed for Construction. Save Water.**

# Why Utkarsh PEB?

- We have 40 + years of Manufacturing experience in steel fabrication/ rolling/ forming. We are also the market leaders in several heavy re-engineering products that we manufacture.
- We are amongst the few manufacturing companies with the highest steel fabrication capacities and facilities across India doing more than 25,000MT/ month of steel fabrication. We procure more than 3,00,000MT of steel annually to meet our production requirements.
- We have proven experience of critical fabrication such as transmission line towers, telecom towers, high mast poles, railway electrification structures, etc. Most of our products are installed in mega projects across the globe.
- We are a team of highly experienced and qualified professionals to execute every project. Equipped with the complete in house production facility of fabrication, testing, quality checks, galvanizing, painting, logistic and installation.
- Our Client list for other Divisions includes big and known contractor/ EPC players in the country.

## Utkarsh Pre-engineered steel Buildings are designed according to the following Codes / Standards

Primary (HR/Built-ups) : IS / AISC / MBMA

Secondary (Cold form) IS: 801 / AISI

Roof live load: IS / MBMA

Wind loads: IS / MBMA

Seismic loads: IS 1893 (Part 1)

Collateral Load: IS

Deflection limits: IS / MBMA

Manufacturing and Erection tolerances: MBMA

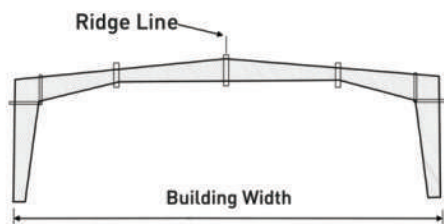
Welding AWS D.1.1M

\*Special condition (if any):

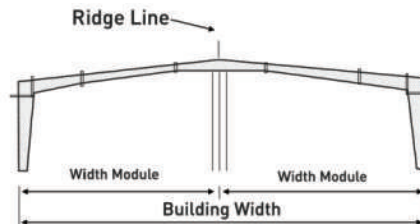
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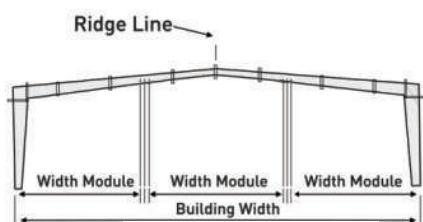
# Utkarsh Pre-Fabricated Building Configuration



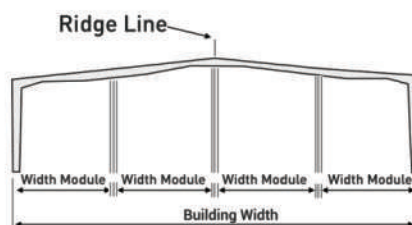
Rigid Frame



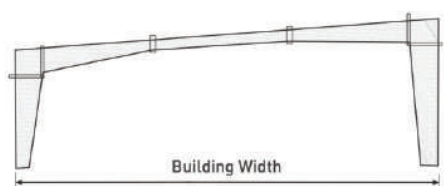
Frame Column 1



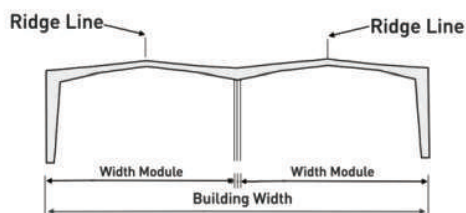
Frame Column 2



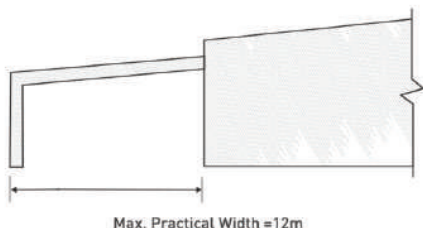
Frame Column 3



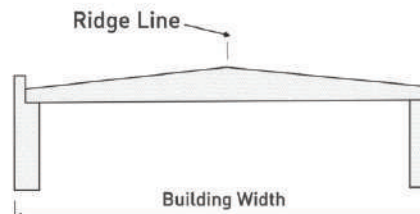
Single Slope



Multi Span



Lean To

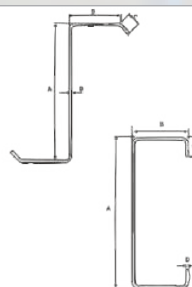


Roof System



"C" and "Z" Purlins

Purlin



Purlin & Girts 2D view

# PEB Associated **Product Line**

## Lighting **Product**

A premier brand in the Lighting Mast & Street Lighting Pole industry, Utkarsh India aims to light up every journey. With a combined two-decade worth of experience in manufacturing

And providing over 50,000 Lighting Masts and 1,000,000 Polygonal Poles, our brand is approved by Government departments, PSUs and Corporates, thereby making us a part of every prestigious project both nationally and globally.

## We Manufacture

- High Mast Lighting System (10m - 60m)
- Octagonal & Conical Street Lighting Pole (Starts from 3m - Length & Design as per requirement)
- Decorative Lighting Pole (Starts from 3m - Length & Design as per requirement)
- Utility Pole (Starts from 5m - Length & Design as per requirement)
  - Camera Pole • CCTV Pole • Gantry Pole • Smart Pole
  - Distribution Pole
- Sports Lighting Structure (16m - 60m)  
Stadium Mast with Man-rider / Stadium Mast with Ladder
- Signage Mast Structure - Unipole (10m - 60m)
- Solar Pole & Mast Structure (3m - 20m)  
Solar High Mast • Solar Pole
- Flag Mast (10m - 60m)







## Steel Pipes & Poles

Utkarsh India Limited produce ERW Black and Galvanized Pipes from ½” to 16” diameter (15 mm NB to 400 mm NB) up to 10 mm WT, as per Indian and International Specifications and are available in Plain End, Threaded and coupled, Bevelled End and Grooved End. We also produce Square Hollow Section (SHS) and Rectangular Hollow Sections (RHS) in several sizes and have the capacity to produce more than 10,000 tons per month.

### **We manufacture for the below application:**

- Air & Water Application [IS 1239, IS 3589, BS 1387, IS 4270, EN 10255, ASTM A 53, AS 1074]
- Fire-fighting & HVAC Applications [IS 1239, IS 3589, ASTM A 53, ASTM A 795, ASTM A 135- Grooved Pipes]
- Structural Application [ IS 1161, IS 4923, EN 10219, ASTM A 500, AS 1163]
- General Engineering Applications [IS 3601, IS 9295, AS 1143- Idlers & Belt Conveyors]
- Steel Tubular Pole [IS 2713]

# Polymer Product

Utkarsh Polymer Division has a production capacity of more than 68,000 metric ton per annum. We are the first to manufacture and introduce SWR Pipes & Fittings and UPVC lead free Pipes and Fittings in the eastern region. Our Production unit located at Gurap, West Bengal is equipped with the best in manufacturing technology and backed with stringent quality control and checks. Utkarsh Polymer products meet national & international standards and specification, and are certified by plumbing governing bodies around the world.

## Our Polymer Portfolio includes:

- CPVC Plumbing Pipes and Fittings
- uFLO UPVC lead free Pipes and Fittings
- SWR Pipes and Fittings
- uPVC Column Pipes and accessories
- Agriculture Pressure Pipes and Fittings
- PVC well casing Screen Pipes
- HDPE Pipes
- PLB HDPE Duct
- Garden pipes



ISO 9001: 2015  
Quality Management System

**Kaneka**







#### **Corporate Office**

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Hooghly 712303, India

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**For Sales inquiry call:** 033-41900001

