

PRE-ENGINEERED BUILDING SOLUTIONS

ENGINEERED FOR STRENGTH.
BUILT FOR PERFORMANCE.



PEB BUILDINGS



INDUSTRIAL
SHEDS



WAREHOUSES



STRUCTURAL
STEEL

PEB | INDUSTRIAL SHEDS | WAREHOUSES | STRUCTURAL STEEL



ABOUT US



EHF – English Home Bokaro is a professionally managed organization engaged in Pre-Engineered Buildings (PEB), structural steel solutions and complete project execution.



We provide customized steel building solutions designed to meet the specific requirements of industrial, commercial, warehousing, logistics and infrastructure projects.



Our approach combines engineering expertise, quality materials, modern fabrication practices and efficient project execution to deliver durable, economical and performance-oriented structures.



From initial concept and structural design to fabrication, dispatch, erection and final handover, EHF provides an integrated solution under one roof.



» FROM DESIGN TO DELIVERY, WE BUILD TRUST «

PRE-ENGINEERED BUILDING SOLUTIONS



PRE-ENGINEERED BUILDINGS



DESIGN & ENGINEERING



FABRICATION EXCELLENCE



ON TIME DELIVERY

ENGINEERED FOR **STRENGTH**. BUILT FOR **GENERATIONS**.

OUR CORE STRENGTH



Professional Engineering



Customized PEB Solutions



Quality Steel Structures



Precision Fabrication



Fast Project Execution



Reliable Site Erection



Cost-Effective Solutions



Customer-Focused Service

VISION & MISSION



OUR VISION

To become a trusted and preferred PEB and structural steel solution provider by delivering innovative, reliable and cost-effective building solutions.



OUR MISSION

To provide customers with:

- High-quality steel structures
- Accurate engineering solutions
- Efficient manufacturing
- Timely project execution
- Safe and professional erection
- Long-term value and reliability,



OUR VALUES



QUALITY



INTEGRITY



SAFETY



INNOVATION



COMMITMENT

ENGINEERED TO PERFORM. BUILT TO LAST.



WHY CHOOSE EHF?

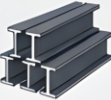
01.



ENGINEERED SOLUTIONS

Every building is designed according to project requirements, dimensions, loading conditions and functional requirements.

02.



QUALITY MATERIAL

We focus on appropriate grades and quality-controlled steel materials for structural applications.

03.



PRECISION FABRICATION

Modern fabrication practices help maintain dimensional accuracy and consistency.

04.



FAST EXECUTION

PEB technology enables faster fabrication and construction compared with conventional building systems in many applications.

05.



COST EFFECTIVE

Optimized structural design and efficient material utilization help reduce overall project cost.

06.



COMPLETE SOLUTION

From engineering and fabrication to erection and handover, EHF can coordinate the complete PEB execution process.



OUR PEB SOLUTIONS

PRE-ENGINEERED BUILDING SOLUTIONS

EHF offers customized PEB solutions for a wide range of applications.



INDUSTRIAL BUILDINGS



- Manufacturing Plants
- Production Units
- Industrial Sheds
- Engineering Workshops
- Automobile Facilities



WAREHOUSES



- Storage Warehouses
- Distribution Centres
- Logistics Warehouses
- FMCG Warehouses
- Cold Storage Buildings



COMMERCIAL BUILDINGS



- Commercial Sheds
- Showrooms
- Office Buildings
- Service Centres
- Institutional Buildings



OTHER APPLICATIONS



- Agricultural Buildings
- Workshops
- Hangars
- Utility Buildings
- Infrastructure Projects



SAFE
STRUCTURES



RELIABLE
PERFORMANCE



BUILT FOR
PRODUCTIVITY



TIMELY
DELIVERY



CUSTOMER
SATISFACTION

ENGINEERED TO PERFORM. BUILT TO LAST.



PEB STRUCTURAL SYSTEM

OUR PEB SYSTEM

A typical PEB structure consists of engineered primary and secondary structural members integrated with roofing and wall cladding systems.



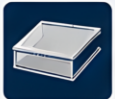
PRIMARY STRUCTURE

- Main Columns
- Rafters
- Endwall Columns
- Portal Frames



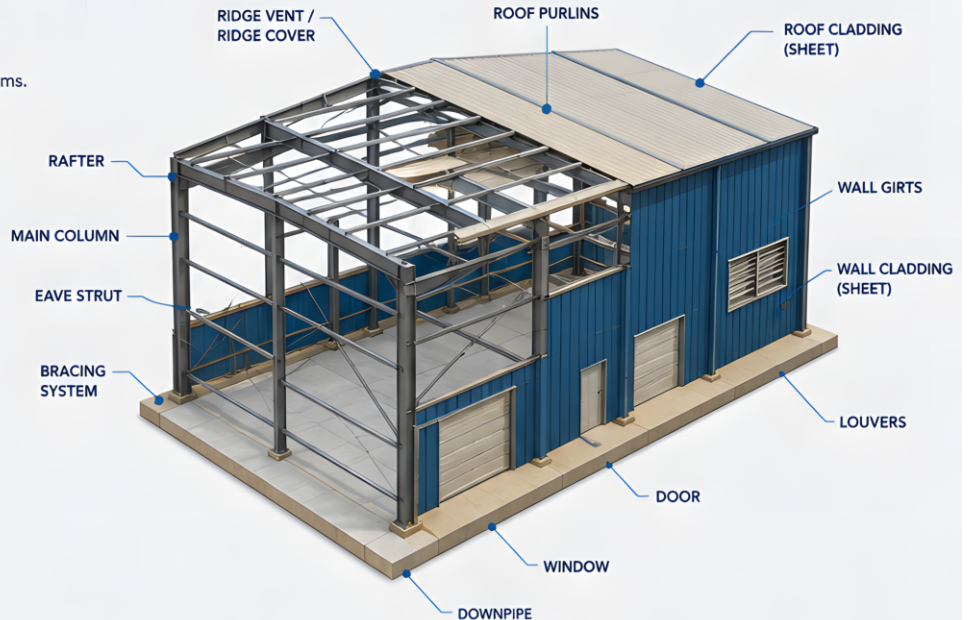
SECONDARY STRUCTURE

- Purlins
- Girts
- Eave Struts
- Sag Rods
- Bracing Members



BUILDING ACCESSORIES

- Roof Flashings
- Wall Flashings
- Ridge Covers
- Gutters
- Downpipes
- Louvers
- Doors
- Windows



PRIMARY STRUCTURAL COMPONENTS

PRIMARY FRAME SYSTEM

The primary frame is the main load-bearing system of the PEB building.

COMPONENTS



Columns

Vertical structural members transferring building loads to the foundation.



Rafters

Roof-level structural members forming the main portal frame.



Endwall Frames

Structural arrangement provided at the building ends.



Crane Supporting Structures

Special structural arrangements can be designed for buildings requiring overhead crane systems.



ENGINEERING FOCUS



- Structural Stability



- Load Transfer



- Connection Design



- Wind Load



- Dead Load



- Live Load



- Crane Load, where applicable



SECONDARY MEMBERS

Secondary structural members connect and support the primary frame while providing support for roof and wall cladding.

OUR COMPONENTS

- Purlins
- Girts
- Eave Struts
- Bracing
- Sag Rods
- Tie Members



These components are designed according to structural requirements and building geometry.

BENEFITS



- ✓ Lightweight construction



- ✓ Efficient load distribution



- ✓ Easy installation



- ✓ Faster erection



- ✓ Optimized steel utilization

EHF

ENGLISH HOME BOKARO

PRE-ENGINEERED BUILDINGS & STRUCTURAL STEEL SOLUTIONS



ENGINEERING



FABRICATION



SUPPLY



ERECTION

ENGINEERED TO **PERFORM**. BUILT TO **LAST**.

ROOFING & WALL CLADDING

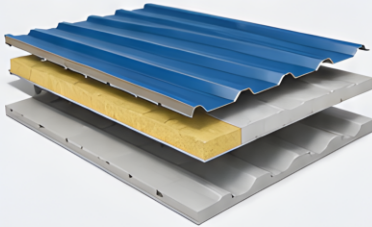
ROOFING & CLADDING SYSTEM

The building envelope plays an important role in protection, appearance and overall performance.



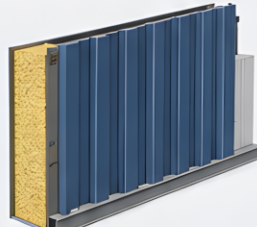
ROOFING OPTIONS

- PPGI Roofing Sheets
- PPGL Roofing Sheets
- Insulated Roofing Systems
- Single Skin Roofing
- Customized Roofing Solutions



WALL CLADDING

- PPGI Sheets
- PPGL Sheets
- Insulated Panels
- Single Skin Wall Cladding
- Customized Wall Systems



ACCESSORIES

- Ridge Flashing
- Corner Flashing
- Eave Flashing
- Gutter
- Downpipe
- Door Flashing



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DESIGN & ENGINEERING

ENGINEERING THAT BUILDS CONFIDENCE

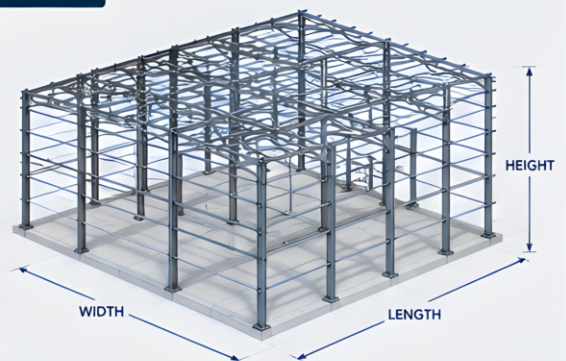
Our engineering process is focused on safety, functionality, economy and constructability.

ENGINEERING SERVICES



ENGINEERING CONSIDERATIONS

- Building Dimensions
- Wind Load
- Roof Load
- Live Load
- Seismic Requirements
- Crane Load
- Service Requirements
- Architectural Requirements



ENGINEERED TO **PERFORM**. BUILT TO **LAST**.



MANUFACTURING & FABRICATION

FROM STEEL TO STRUCTURE

Our fabrication process focuses on accuracy, quality and consistency.

FABRICATION PROCESS



RAW MATERIAL INSPECTION



CUTTING



PLATE PROCESSING



DRILLING



ASSEMBLY



WELDING



SURFACE PREPARATION



PAINTING / COATING



FINAL INSPECTION



QUALITY FOCUS

Every stage of fabrication is monitored to achieve the required dimensional and structural specifications.

PROJECT EXECUTION

COMPLETE PROJECT EXECUTION

EHF follows a systematic project execution methodology.

OUR WORKFLOW



ONE TEAM. ONE RESPONSIBILITY. ONE COMPLETE SOLUTION.



ADVANCED
EQUIPMENT



SKILLED
WORKFORCE



QUALITY
CONTROL



ON-TIME
EXECUTION



COST
EFFECTIVE



CUSTOMER
SATISFACTION

ENGINEERED TO **PERFORM**. BUILT TO **LAST**.

QUALITY & SAFETY



QUALITY WITHOUT COMPROMISE

At EHF, quality is considered at every stage—from engineering to final project handover.



QUALITY CONTROL



Raw Material Inspection



Dimensional Inspection



Welding Quality



Bolt Inspection



Assembly Inspection



Coating Inspection



Final Structural Inspection



RAW MATERIAL INSPECTION



WELDING QUALITY



DIMENSIONAL INSPECTION



BOLT INSPECTION



ASSEMBLY INSPECTION



COATING INSPECTION



FINAL STRUCTURAL INSPECTION



SAFETY FIRST

Safety is an integral part of our project execution philosophy.

SITE SAFETY PRACTICES



PPE Compliance



Safe Material Handling



Working-at-Height Safety



Lifting & Rigging Safety



Equipment Inspection



Site Housekeeping



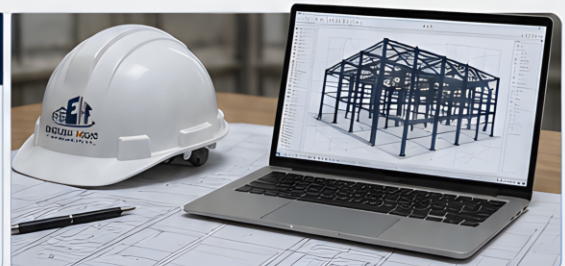
Safe Erection Practices



QUALITY MANAGEMENT

Where applicable, EHF's quality processes can be structured around the principles of ISO 9001 Quality Management Systems, with emphasis on process control, customer requirements, documented procedures and continual improvement.

ISO 9001 defines requirements for a quality management system; it does not itself certify a particular product or structural design.



TECHNICAL STANDARDS & REFERENCES



INDIAN STANDARDS

IS 800 | IS 875 | IS 1893 |
Other applicable BIS standards



INTERNATIONAL / INDUSTRY REFERENCES

AISC 360 | Applicable AISC provisions |
MBMA Recommended Practices



QUALITY MANAGEMENT

ISO 9001 principles /
applicable QMS requirements



Final design basis, applicable codes, loading criteria, material grades, fabrication requirements and inspection requirements shall be established project-wise and documented in the approved design and project specifications.



DESIGN & ENGINEERING BASIS

Depending upon project requirements, applicable design and engineering practices may include:



IS 800:2007
GENERAL CONSTRUCTION
IN STEEL



IS 875
DESIGN LOADS



IS 1893
EARTHQUAKE-RESISTANT
DESIGN CONSIDERATIONS



AISC 360
SPECIFICATION FOR
STRUCTURAL STEEL
BUILDINGS



MBMA RECOMMENDED
PRACTICES
PEB industry design and
engineering guidance



Applicable codes, standards, loading criteria and project specifications shall be finalized based on the project location, occupancy, structural system and client requirements.

ENGINEERED TO **PERFORM**. BUILT TO LAST.



INDUSTRIES WE SERVE

SOLUTIONS FOR MULTIPLE INDUSTRIES



INDUSTRIAL



Manufacturing • Engineering • Automobile • Steel



LOGISTICS



Warehousing • Distribution • Transportation



COMMERCIAL



Showrooms • Commercial Buildings • Service Centres



AGRICULTURE



Agricultural Storage • Farm Buildings • Processing Units



INFRASTRUCTURE



Workshops • Utility Buildings • Institutional Projects



SPECIALIZED



Crane Buildings • Heavy Industrial Buildings
• Customized Structures



Our Prestigious Clients:



TATA POWER



IndianOil



Mahindra



INDUSTRY EXPERIENCE

Understanding diverse industry requirements.



CUSTOMIZED SOLUTIONS

Tailored steel building solutions for every sector.



TIMELY DELIVERY

Efficient planning & execution for on-time completion.



QUALITY ASSURANCE

Focus on quality, safety and structural reliability.



STRONGER INDUSTRIES. STRONGER FUTURE.



ENGLISH HOME BOKARO PRE-ENGINEERED STEEL BUILDING SOLUTIONS

Design | Engineering | Manufacturing | Supply | Erection



OUR PROMISE



QUALITY
Commitment to excellence in every structure



RELIABILITY
Dependable solutions you can build upon



SAFETY
Safety-first approach at every stage of execution



TIMELY EXECUTION
On-time delivery, every time



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CONNECT WITH US



INDUSTRIAL
BUILDINGS



WAREHOUSES



PEB
STRUCTURES



STRUCTURAL
STEEL



PROJECT
EXECUTION



OUR PRESENCE

STRONG PRESENCE ACROSS EASTERN & NORTHERN INDIA

We have established a growing presence across **Jharkhand, Bihar, West Bengal, Odisha, Uttar Pradesh, and Nepal**, delivering reliable **PEB, structural steel, industrial, commercial, and infrastructure solutions** tailored to diverse project requirements.

Jharkhand | Bihar | West Bengal | Odisha |
Uttar Pradesh | Nepal



REGIONAL REACH



RELIABLE EXECUTION



QUALITY ENGINEERING

"Engineered for Strength. Built for Performance."