



Trader, Supplier & Manufacture

Pre-Engineered Buildings, Pre-Fab Metal Structure,
Special Metal Roofing System, Insulated Puf Panel
Building Insulation & All industrial building accessories
etc...

Services: - Erection, Installation & Maintenance

2016

Registered Office: E-Block, House No. 35, Street No. 3, Mukund Vihar, Karawal Nagar, Delhi-94
Branch Office: 204 Aggarwal Prestige Mall, Pitampura, New Delhi-34

About Company

Artifex Infra is a co. company of R. K. Enterprises. Which was founded in November 2005 by Mr. Mithlesh Kumar Sharma who worked for so many reputed company who involved in manufacturing of Pre-Engineered Buildings, Insulated Puff Panel, and Colour Coated Sheets & Architectural Products With his vast experience & expertise in the construction industry, it is his foresight vision which is helping R K Enterprises to achieve great heights. Company Goal is to ensure business growth through customer satisfaction & to offer world class services & products to its customers. R. K. Enterprises core strength is its dedicated team of engineers who have expertise in Erection, Installation & Fixing and now in supply business by the company name of Artifex Infra.

ARTIFEX INFRA has corporate office at New Delhi having Outsourced Production facilities in Bahadurgarh (Cold Farm lines & Accessories lines) and Faridabad (Built up lines) which have 45,000MT per Annam.

We are a professionally managed company and we are dedicated for our all customers. PEB's are tailor made buildings virtually leakage proof & designed on specific software's like MBS/AutoCAD/ Stadd Pro-PEB's are customized as per the requirements and easily expandable.

PEB V/S CONVENTIONAL

	<u>PRE-ENGINEERED BUILDINGS</u>	<u>CONVENTIONAL STEEL BUILDINGS</u>
Structure Weight	Pre Engineered Buildings are on the average 30% lighter through the efficient use of steel.	Primary steel members are selected from standard hot rolled "I" Sections, which are, in man segments of the members heavier than what is actually required by design.
Design	Quick and efficient: since PEBs are mainly formed of standard sections and connections, design time is significantly reduced.	Each conventional steel structure is designed from scratch by the consultant, with fewer design aids available to the Engineer.
Delivery	Average 6 to 8 weeks.	Average 20 to 26 weeks.
Erection Cost and Time	Both costs and time of erection are accurately known based upon extensive experience with similar buildings.	Typically, conventional steel buildings are 20% more expensive than PEB. In most of the cases, the erection costs and time are not estimated accurately.
Seismic Resistance	The low-weight flexible frames offer higher resistance to seismic forces.	Rigid heavy weight structures do not perform well in seismic zones.
Future Expansion	All project records are safely and orderly kept in electronic format indefinitely making it easy for the owner or designer to obtain a copy of his building records at any time. So, Easy & Cost Effective.	It would be difficult to obtain project records after a long period of time. It is required to contact more than one party. Involved in the project, to obtain accurate information. So, Difficult & costlier.
Overall Price	Price per square meter may be as much as 30% lower than conventional steel.	Higher price per square meter.

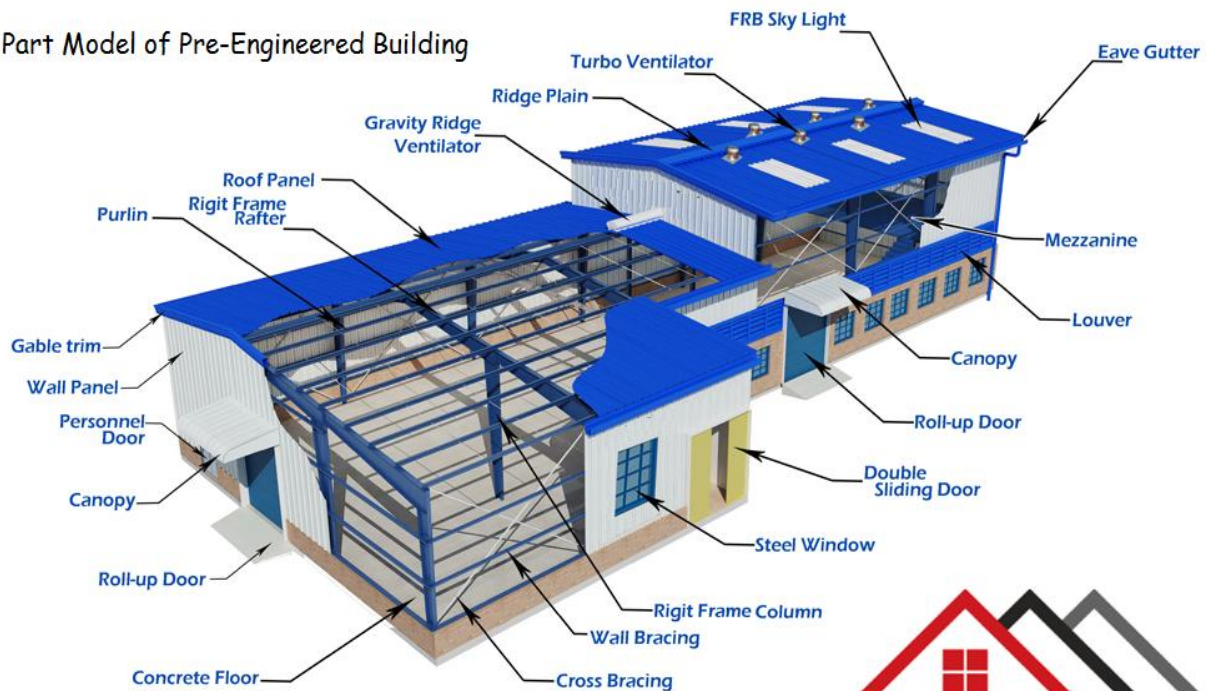
Application of PEB:-

- Warehouse,
- Factories,
- Workshops / Showrooms,
- Hangers,
- Cold Stores
- Heavy Structure Steel
- Railway stations
- Airport Buildings



PRE-ENGINEERED BUILDINGS

Part Model of Pre-Engineered Building



DESIGN

ARTIFEX INFRA DESIGN YOUR BUILDING TO FULFILL YOUR REQUIREMENT WITH OPTIMIZATION

“ARTIFEX INFRA” Design & Engineering Team design your building with high efficiency and accuracy to fulfill your need & action plan for your building.

All buildings are designed & erected as per the American Standards & Indian Standards (IS) Codes of practice.

APPLICABLE DESIGN CODES

MBMA (Metal Building Manufacturing Association)

- In Accordance with 2002 edition of low rise building solution.
- Wind load IS-875(Part-III)-1987
- Earthquake load IS-1893 (Part-I)-2002
- Hot rolled and built-up manual of Steel construction, 9th edition of AISC.
- Cold Form 1996 edition of AISI.
- Welding- Structural Steel Welding Code of American Welding Society (QWS.D1.98)

BIS (Bureau of Indian Standard)

- Design Dead Load IS-875 (Part-I)-1987
- Design Imposed Load IS-875 (Part-II)-1987
- Design Wind Load IS-875 (Part-III)-1987
- Earthquake resistance IS-1983 (Part-I)-2002
- Design of Hot Rolled built-up IS-800 (1984 & 2007)
- Tapered built-up 9th edition of AISC.
- Cold Form IS-801 (1975)
- Welding- (AWS d1.1.98), IS-816 (1969)

ARTIFEX INFRA use modern design software like:

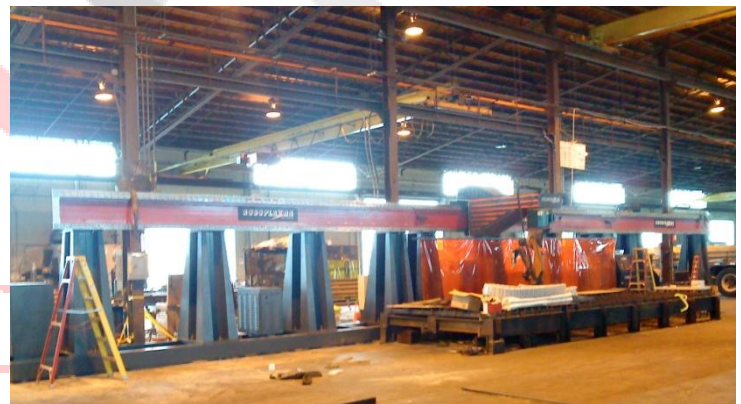
Stadd Pro, Auto CAD, MBS, 3DS MAX

MANUFACTURING

ARTIFEX INFRA today, has a production capacity of more than 45,000 MT per annum of steel built Up Sections, roofing & cladding systems and Cold Form Sections between its 2 outsourced facilities located Bahadurgarh (2006) for roofing & cladding systems and cold form sections with all accessories and Faridabad(2012) lines for Built up sections and other related accessories.

Artifex infra have in-house installed special equipments to procedure quality such as:

- Fully automated Robotic plasma cutting machine.
- Automatic continuous submerged arc welding machines.
- H Beam Assembly Line
- H Beam SAW Welding Line
- H Beam Straightening Line
- Cold Form Line
- C Purlin
- Z Purlin
- Roofing and wall cladding machine
- Punching and Drilling machines.
- Guard Rail Profile Machine
- Metal Decking
- MIG Welding Machines.
- ARC Welding Machines.
- Overhead Crane (3nos of Ton Capacity)
- Power Press
- Hydraulic Press
- Threading Machines
- Drill Machines
- Press Break
- Bending and shearing machine.





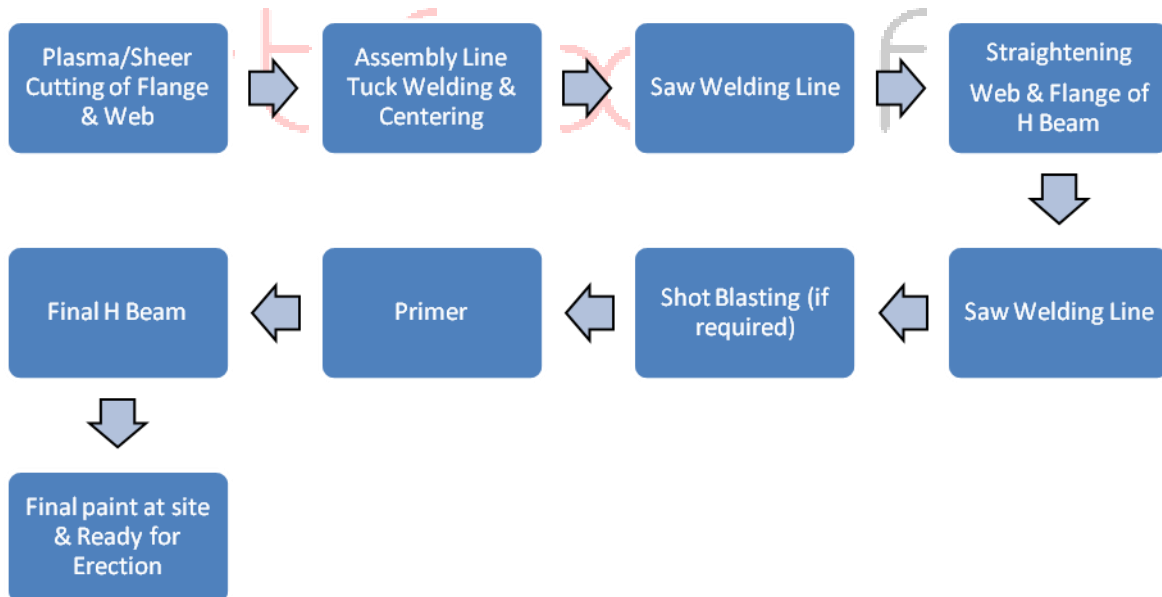
PRE-FABRICATED HEAVY STRUCTURE STEEL

Artifex Infra is an leading company in the area of Design, Fabrication and Erection of heavy structural steel works for Power Plants, Coal Bunkers, Airport Hangers, Station buildings & Switchyards Cement and steel plant

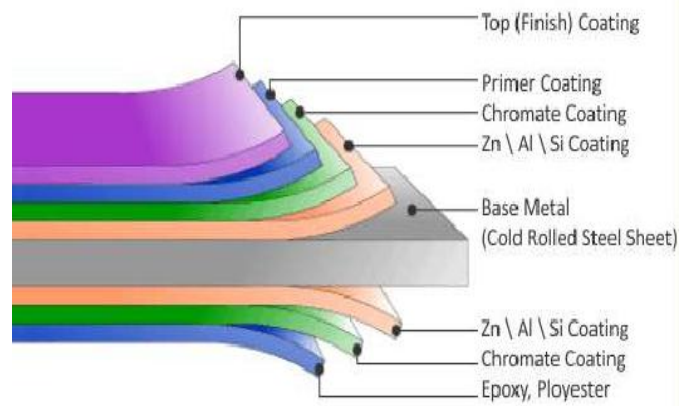
Manufacturing facility for Heavy Steel Structure:

- H- Beam Welding Line, H-Beam Assembly Line and H-Beam Straightening Line
- H-Beam Welding Line, Straightening line & Assembly Line
- Beam Width - 2000mm
- Depth - 500mm
- Web Thickness - 25mm
- Flange Thickness. - 40mm
- Tapered - 8°
- Length - 15M
- Welding speed – 2.5M/min

H-BEAM LINE FABRICATION



METAL ROOFING & WALL CLADDING



Our Site Images





Artifex Infra has built a strong reputation as one-stop-solution for all roofing requirements. The company has consolidated its leadership in the market by manufacturing, trading, supplying, erection & installation of the most comprehensive range of building components, such as **FRP & Polycarbonate sheet, False Ceiling, Self Drilling Screw, Coated Steel Sheet and Per-Engineered Building System, and Z & C Channel in Delhi, India.** For any requirement regarding our products and services, simply call or mail us on the given below details.

Contact Us

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