



PRODUCT
EXPLORER
2024
w.e.f. 01-04-2024

STRUCTURAL BUILDINGS



AN ISO CERTIFIED COMPANY

VIPIN S.T. POLES PVT. LTD.

 1800 121 6921, 01662 22 77 20

 www.vsphighmast.com |  info@vsphighmast.com



About the Company

Over the last two generations of hard work, determination, and commitment to quality, we have become the leading group in the Pole Manufacturing industry in India.

We established our first company in 1994 as an Electric Control Panel manufacturer, adding Swaged Tubular Poles in 1998, followed by Octagonal and High Mast Poles in 2005. Today, we offer a wide range of Decorative Poles and LED Lighting luminaires.

With almost 27 years of excellence, VSTP is a well-known brand in pole manufacturing in India. We deliver quality products to the Government, Semi-Government Entities, Industries, Warehouses, Housing Societies, Fuel Filling Stations and Private Sectors across all of India.

We manufacture high-quality products in accordance with industry standards. Our facilities are equipped with state-of-the-art machinery, including CNC Plasma Cutting Machines, CNC Press Brakes, CNC Pole Closing SAW Welding Machines, and various other machines used in the manufacturing of Decorative Poles and Luminaires. Additionally, we have a highly skilled team of experienced and qualified engineers. Our in-house design and R&D Department continuously work on developing new designs. Some of these designs are featured in this catalog cum price list.

From Octagonal Poles to Decorative Poles and LED Outdoor Lighting Luminaires to LED Indoor Lighting Luminaires, we offer a wide range of products for our customers with on-time delivery, wherever and whenever you need them. Additionally, we can manufacture products according to customer requirements and designs.

We have 12000 sq yards of Working space & 15000 sq yards of storage space.

Our daily production capacity is mentioned as under:

- **High/Flag Mast** – 20 Sets. / Per Day (approx.)
- **Octagonal Poles** – 200 Nos. / Per Day (approx.)
- **Decorative Poles** – 80 Nos. / Per Day (approx.)
- **LED Lighting** – 200 Nos. / Per Day (approx.)

VISION

Our vision is to create reliable, top-tier products and solutions within the Precision Engineering Industry, aimed at boosting the competitiveness of our clients while enriching the lives of individuals worldwide.

MISSION

Our goal is to deliver precision engineering and technical products and solutions tailored to our clients' requirements with innovation, cost-efficiency, and professionalism, maintaining the utmost quality standards.

End to End Total Project Solution



IN-HOUSE LAB FACILITY & MACHINERY



SPECTROMETER: Latest version CCD OES with high resolution detector.

BASE: FE CHANNEL

1. MS/CS/LAS
2. Cr_Ni_Steel
3. Cr_Steel.

BASE: ALUMINIUM

1. Al_Low_Alloys
2. Al_Si_Cu.
3. Al_Si_Alloys.
4. Al_Global.



ELECTRONIC UNIVERSAL TESTING MACHINE:

Model: UTE - 40 **Capacity:** 40 KN
Load Range with Accuracy of Measurement $\pm 1\%$
Measures: Stress, Tensile & Yield Strength
Micro Control Based Panel

Hardness Testers, Model RAS is manually operated. it is suitable for testing hardness of metal sand alloys of all kinds hard or soft, weather flat, round or irregular shape, and is sensitive and highly accurate.

- Automatic load selection with automatic zero setting dial gauge.
- Manual Operation.
- **Loads:** 60, 100, 150 kgf
- **Initial Load:** 10 kgf
- **Max. Test Height:** 230 mm
- **Depth of Throat:** 133 mm



LIST OF MACHINERY



RAW MATERIAL STOCK



AUTOMATIC CNC AIR PLASMA SHEET CUTTING MACHINES

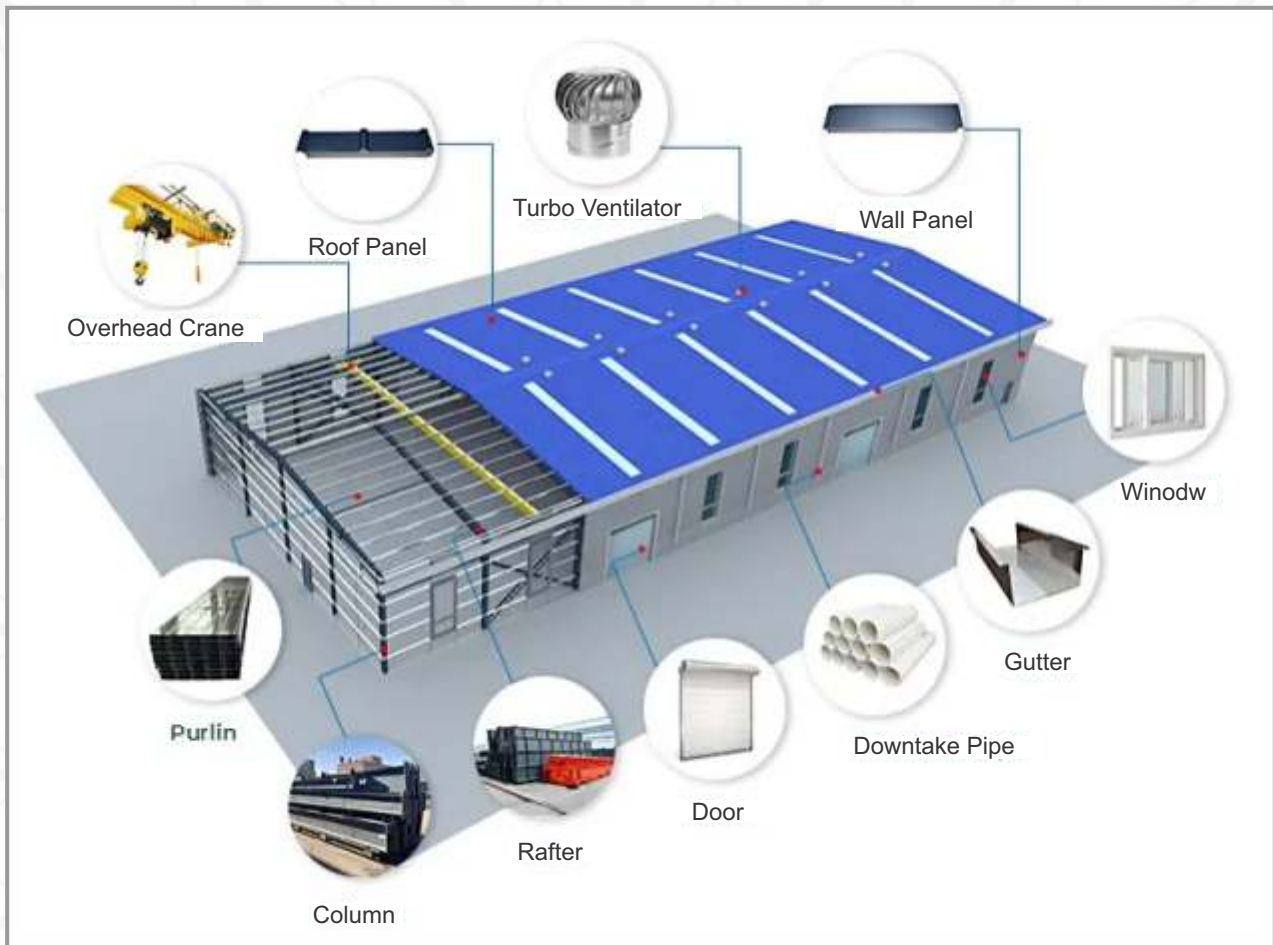


AUTOMATIC CNC PRESS BRAKE WITH LASER BEAM MACHINES



SUBMERGED ARE WELDING (SAW) MACHINE

Pre-Engineered Buildings (PEBs) are structures that are designed and manufactured off-site, typically in a factory-controlled environment, and then assembled on-site. These buildings are composed of standardized components that are engineered to fit together easily and efficiently during the construction process, as shown in the below diagram.



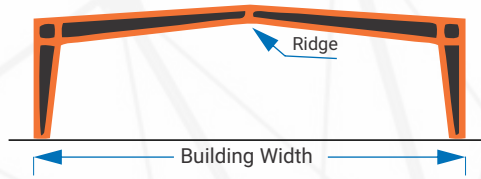
BASIC PARAMETERS

Pre-Engineered Buildings are 100% custom designed to provide maximum space utilisation, excellent strength and highest safety standards. Our basic architectural measures include:

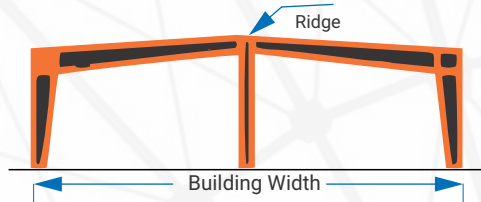
- **BUILDING WIDTH:** The distance from the outside of the eave strut of one sidewall to the outside of the eave strut of the facing wall.
- **BUILDING LENGTH:** The distance between the outside flanges of endwall columns in the facing end wall.
- **END BAY LENGTH:** The distance from the outside of the outer flange of endwall columns to the centre line of the first interior frame columns.
- **INTERIOR BAY LENGTH:** The distance between the centre lines of two adjacent interior main frame columns, which usually range from 6m, 7.5m and 9m to 15m

The Building Height is the eave height, which is the length from the foot of the main frame column base plate to the top outer point of the eave strut and can measure up to a height of 30m. In the case of columns that are recessed or elevated from the finished floor, the eave height is the distance from the finished floor to the top of the eave strut. The Roof Slope is the angle that the roof forms with respect to the horizontal and is commonly 1/10.

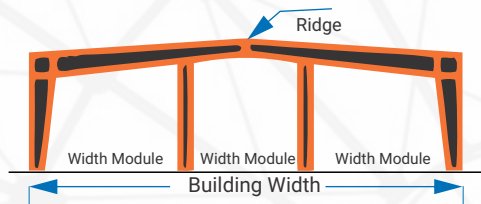
PRIMARY FRAMING SYSTEM



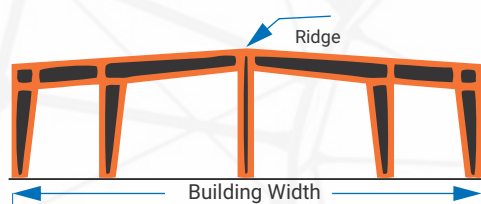
Clear Span



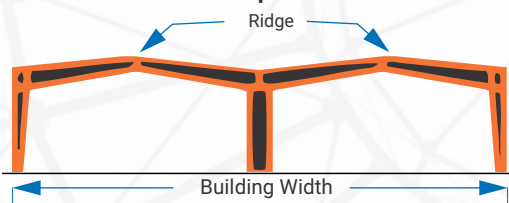
Multi Span "1"



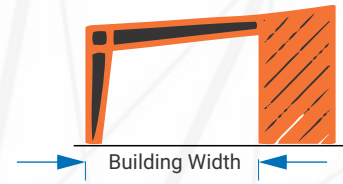
Multi Span "2"



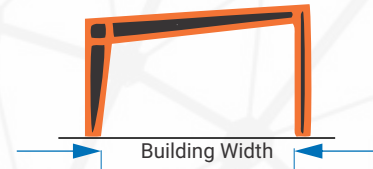
Multi Span "3"



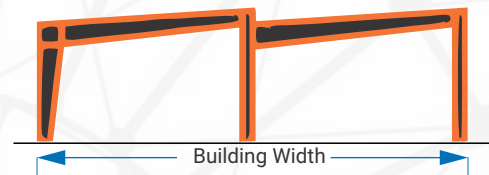
Multi Gable



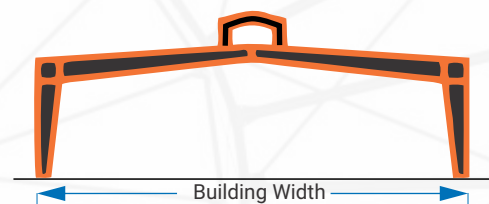
Lean to



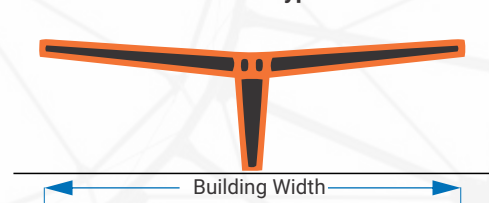
Mono Slope



North Light



Monitor Type



Butterfly Canopy

STRUCTURAL COMPONENTS

Primary Built Up Members Minimum Yield Strength is 250 - 350Mpa



Typical Column

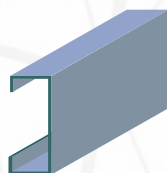


Typical Rafter

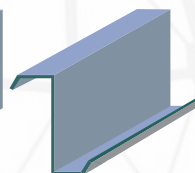
High Grade Steel Plate
Conforming to ASTM A 572M
Grade 345 or IS 2062: E250 - E350

Factory Painted with a
minimum of 35 microns (DFT)
of Corrosion protection primer

Secondary Members Minimum Yield Strength is 250 - 350Mpa



Typical
"C" Section

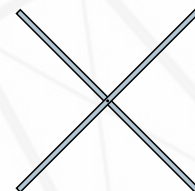


Typical
"Z" Section

High Strength
ASTM A 653 Mss Grade
or IS 1079 / 10748

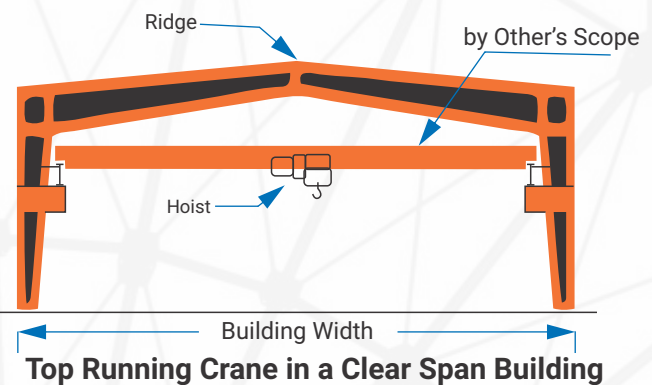
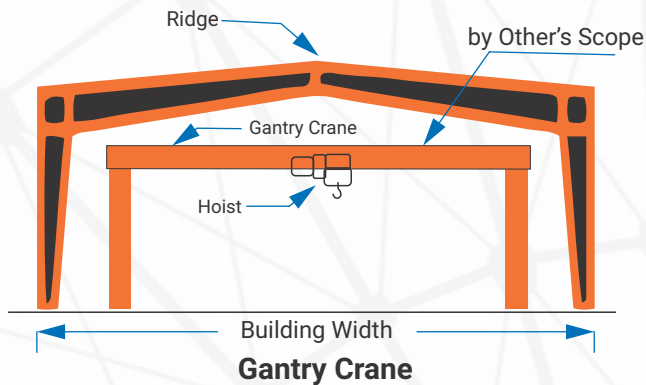
z275 available in
1.5, 1.75, 2.0, 2.25,
2.5 & 3.0 mm thickness

High Strength Bracing System



The system shown is
Rod/Pipe/Angle manufactured
from ASTM A 475 extra high
strength galvanized material.

BUILDING WITH CRANES



Crane system includes crane runaway beams, columns, brackets and crane stop, the design of the crane runaway beams and frames supporting them is based on the data provided by the customers, and in accordance with the relevant standards.

MEZZANINE SYSTEMS



Mezzanine Systems comprise Galvanized Steel Decking upheld by joists, which link to the main mezzanine beams. A reinforced concrete slab (not provided by VSTP) is poured on-site over the steel decking. Typically, the main mezzanine beams span widthwise within the building, while the joists predominantly extend lengthwise, parallel to the roof purlins.

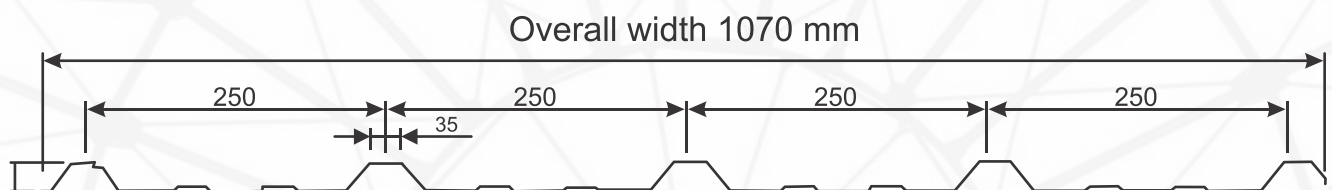
WALL & ROOF CLADDING PANELS

With high precision CNC Roll forming and Component forming machines, you can be assured about the Quality and Reliability of VSTP PEB Roofing Solutions. These sheets are available in Pre-painted Galvanized Iron and Galvalume.

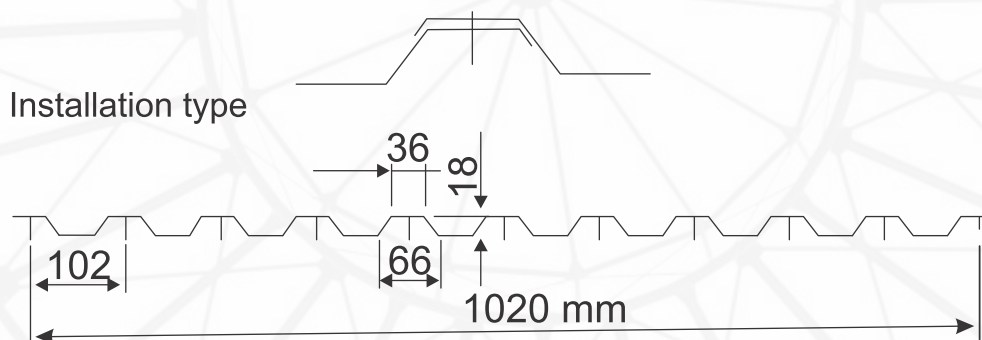
The material conforms to ASTM A792 SS Grade 340 Class 2, with metallic coating AZM150 (or equivalent), having a minimum yield strength of 550 Mpa. This coating is achieved through a hot-dip process which is 55% Aluminium, 1.6% Silicon and 43.4% Zinc. This coating offers four times higher resistance to corrosion as compared to galvanized coating.

Wall and Roof panels are mill painted (Pre-Painted). Paint film thickness shall be 25 microns silicon modified polyester paint on exterior face and 12 microns of paint system coat in the interior face.

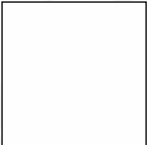

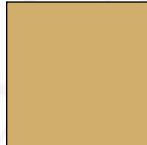

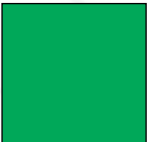


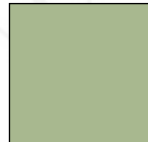
RIB PROFILE (FOR WALL & ROOF)



WALL PROFILE



STANDARD COLOUR SHADES

	OFF WHITE		SKY BLUE		BEIGE		BARE
	COTTAGE GREEN		TILE RED		TORRES BLUE		CACTUS GREEN

*Colors may vary compared to the shades printed above.

**Customized color sheeting is available on request subject to minimum ordered quantity and time.



An overhead gantry signboard is a type of signage structure typically installed above a roadway or a specific area to display information, directions, warnings, or advertisements. These signboards are commonly used on highways, expressways, toll roads, and in urban areas to provide guidance to motorists and pedestrians.

The overhead gantry signboard is mounted on a gantry structure spanning across the road or area, allowing it to be visible from a distance and easily identifiable by those passing underneath. It may be equipped with various types of lighting, such as LED or fluorescent, to enhance visibility during day and night.

These signboards can display a wide range of information, including:

- Traffic regulations and speed limits
- Directions to specific destinations or exits
- Lane usage and merging instructions
- Hazard warnings and safety messages
- Toll rates and payment instructions
- Emergency alerts and road closures
- Public service announcements and advertisements

Overhead gantry signboards play a crucial role in guiding and informing road users, helping to improve traffic flow, enhance safety, and reduce congestion. They are designed to be durable, weather-resistant, and easily maintainable to ensure reliable operation in various environmental conditions.

GANTRY STRUCTURE BENEFITS

Enhanced Visibility: Overhead gantry signboards are positioned above roadways or specific areas, providing excellent visibility to motorists and pedestrians. Their elevated location allows them to be easily spotted from a distance, even in heavy traffic or adverse weather conditions, ensuring that crucial information is effectively communicated to road users.

Improved Navigation: Gantry signboards offer clear and concise information about directions, exits, lane usage, and merging instructions. This helps motorists navigate complex roadways, intersections, and interchanges more efficiently, reducing confusion and the risk of wrong turns or accidents.



Traffic Management: By displaying traffic regulations, speed limits, and lane usage instructions, overhead gantry signboards contribute to better traffic management and control. They help regulate vehicle speeds, promote lane discipline, and minimize congestion, leading to smoother traffic flow and improved overall road safety.



Hazard Warning: Gantry signboards are instrumental in alerting motorists to potential hazards, road closures, construction zones, and adverse weather conditions. Timely warnings displayed on overhead signs allow drivers to adjust their speed and behavior accordingly, reducing the likelihood of accidents and ensuring the safety of road users.

Real-Time Information: With the integration of advanced technology and variable message signs (VMS), some overhead gantry signboards can provide real-time information, such as traffic updates, travel times, and emergency alerts. This dynamic messaging capability helps drivers make informed decisions and plan their routes more effectively, especially during congested periods or unforeseen events.

Promotional Opportunities: In addition to traffic-related information, gantry signboards can be used for advertising purposes, promoting local businesses, events, or tourist attractions. This creates revenue-generating opportunities for authorities and advertisers while also providing valuable information to road users.

Compliance and Enforcement: Gantry signboards play a crucial role in enforcing traffic regulations and ensuring compliance with road rules. By prominently displaying speed limits, lane restrictions, and other regulatory information, they remind drivers to adhere to traffic laws, ultimately contributing to safer and more orderly roadways.



Quality Materials: Our commitment to excellence starts with selecting high-quality materials from reputable suppliers. These undergo rigorous testing to meet our strict standards for strength, durability, and performance, ensuring structural integrity and longevity.

State-of-the-Art Machines: Our manufacturing process relies on cutting-edge machinery and technology for precision, efficiency, and consistency. From CNC machining centers to robust welding systems, our equipment is expertly maintained and operated for superior results.

Precise Dimensioning: Precision is key, and we prioritize exact dimensioning at every stage using advanced CAD/CAM software and measurement tools. This meticulous planning ensures seamless fit and structural integrity.

Quality Assurance: Our dedicated QA team conducts thorough inspections and checks throughout fabrication, ensuring compliance with standards and customer requirements. From material checks to dimensional accuracy, we maintain the highest quality standards.



ONLY BRANDED MATERIALS

We prioritize the use of branded materials to enhance the credibility and reliability of our products. This instills confidence and satisfaction in our customers, knowing that their products are built with durable components.



ADVANTAGES OF PRE-ENGINEERED BUILDINGS

- Super fast construction in comparison to conventional construction methods.
- Cost effective and economical building solution.
- Column less large clear spans can be easily achieved with effective costing.
- Pre-Engineered building offers great flexibility in terms of Future expansions and modifications.
- Due to manufacturing under factory controlled environment, highest Quality standards are maintained.
- Long durability and Low maintenance cost.
- Pre-Engineered building construction is green building construction due to recyclable properties of steel.
- Hassle free construction for client due to single source responsibility of Pre-Engineered building supplier.

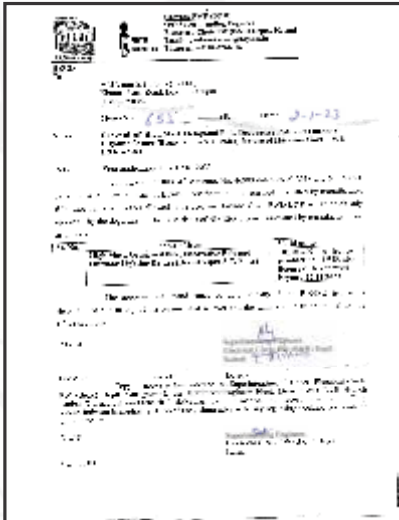
APPLICATIONS OF PRE-ENGINEERED BUILDINGS

- | | |
|-------------------------------|-----------------------------|
| • Warehouses | • Cold Storage |
| • Power Plants | • Defence Setups |
| • Aircraft Hangers | • Multi Level Parking Areas |
| • Aircraft Terminal Buildings | • Recreation Parks |
| • Auditoriums | • Showrooms |
| • Factory Sheds | • Sports Stadiums |
| • Railway Platforms | • Distribution Centers |
| • Transport Terminals | • Service Stations |
| • Hospitals | • Food Courts |
| • Residential Buildings | • Convention Halls |
| • Clean Rooms | |

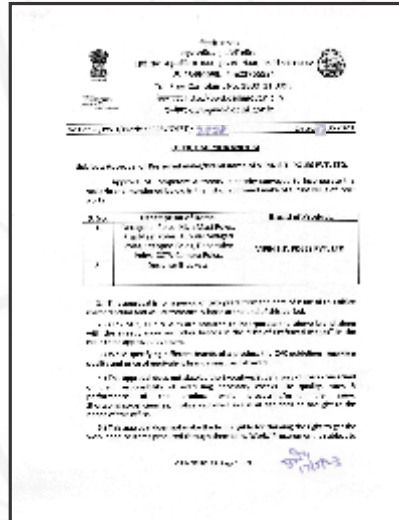
STANDARDS

All the buildings are designed in accordance with the latest editions of the following codes:

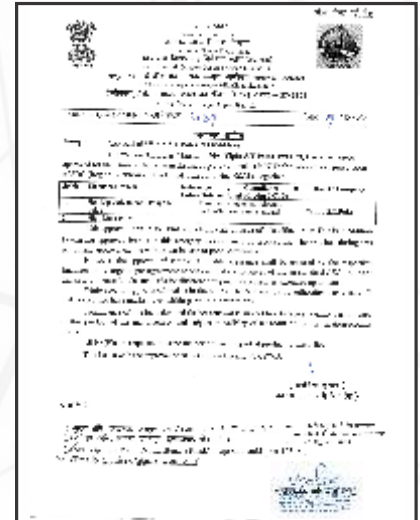




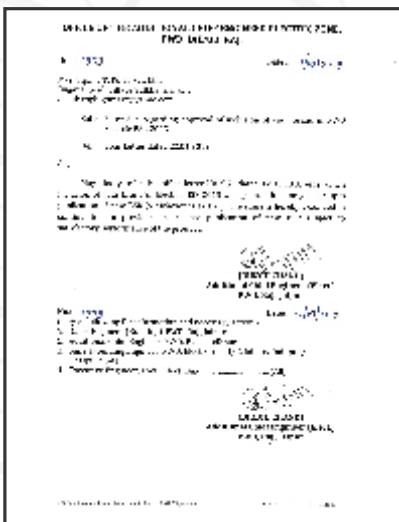
PUBLIC WORKS DEPARTMENT
Karnal, Haryana



PUBLIC WORKS DEPARTMENT
Inderprasth, New Delhi



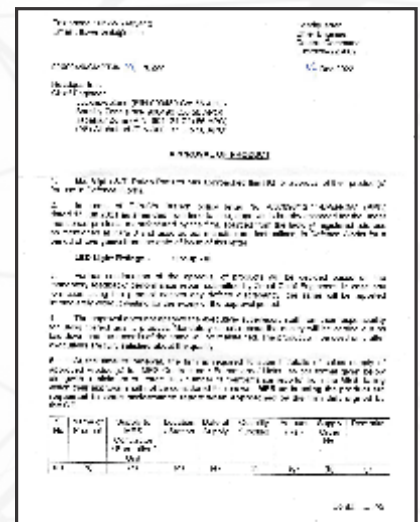
CPWD
Lucknow, Uttar Pradesh



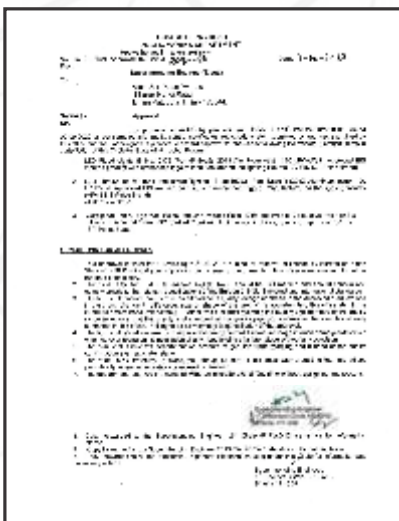
PUBLIC WORKS DEPARTMENT
Jaipur, Rajasthan



HSIIDC LIMITED
Gurugram, Haryana



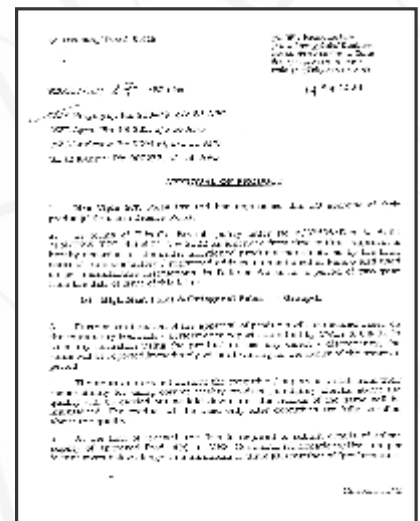
HQ CHIEF ENGINEER CENTRAL CMD.
Lucknow, Uttar Pradesh



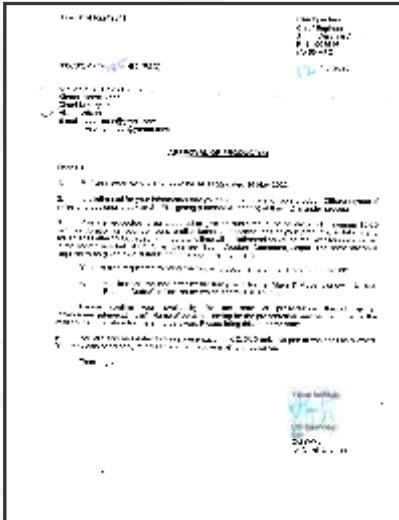
PUBLIC WORKS DEPARTMENT
Shimla, Himachal Pradesh



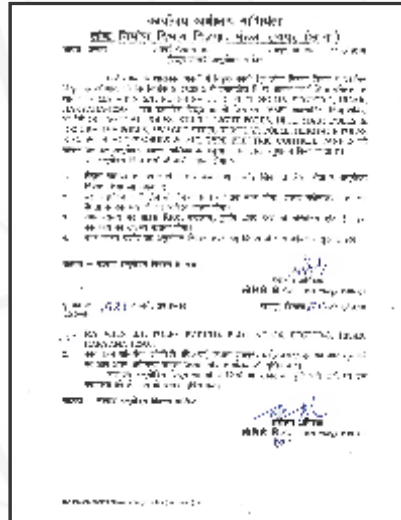
U.P. RAJKIYA NIRMAN NIGAM LTD.
Lucknow, Uttar Pradesh



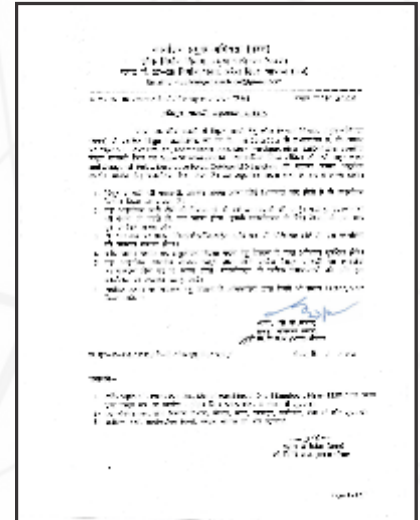
HQ CHIEF ENGINEER LUCKNOW ZONE
Lucknow, Uttar Pradesh



HQ CHIEF ENGINEER SOUTH WESTERN COMD.
Jaipur, Rajasthan



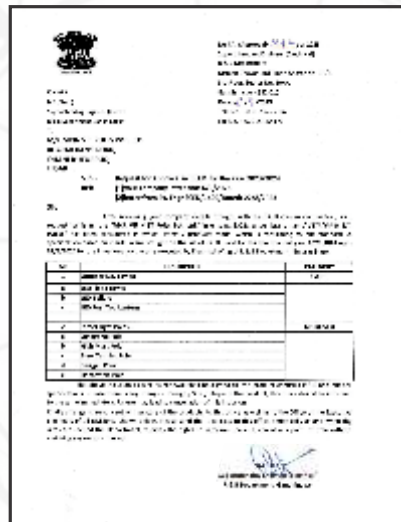
LOK NIRMAN VIBHAG
Raipur, Chhattisgarh



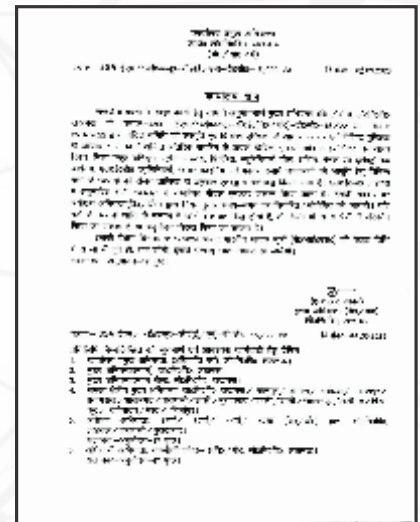
LOK NIRMAN VIBHAG, ARERA HILLS
Bhopal, Madhya Pradesh



DIVISIONAL RAILWAY MANAGER
Mumbai Central, Maharashtra



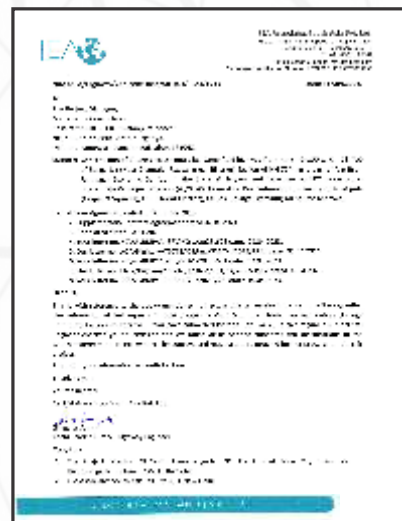
ROAD & BUILDING DEPARTMENT
Gandhinagar, Gujarat



PUBLIC WORKS DEPARTMENT
Lucknow, Uttar Pradesh



HIGHWAY ENGINEERING, ABOHAR
Ludhiana, Punjab



LEA ASSOCIATION SOUTH ASIA PVT. LTD.
Hanumangarh, Rajasthan

Application ID : 67228 **Issued On: 03-04-2023**

Form No. 4 (PRESCRIBED UNDER RULE 5)

CHIEF INSPECTOR OF FACTORIES, HARYANA

REGISTRATION & LICENSE TO WORK A FACTORY

उद्योगिक क्षेत्र सामाजिक न्याय
PRODUCTIVITY WITH SOCIAL JUSTICE

LABOUR DEPARTMENT HARYANA
श्रम विभाग हरियाणा

कार्यक्षम, सामाजिक न्याय और सुरक्षा
PEACE, HARMONY AND SAFETY

License is hereby granted to

Occupier Details:
Sh./Smt. Vipin Goyal

Factory Details:
M/s Vipin S.T. Poles Pvt. Ltd.
Bhagpur, District Sonapat, Dist. Sonapat (Haryana), India

Plant, House:
Licence Registration No. HSR-ONLINE-CHD-V-408
Licence Serial No. HSR-ONLINE-CHD-V-407

valid only for the premises described below
for use as a factory employing not more than 149 persons on any one day during the year and using motive power not exceeding 351 H.P. Subject to the provisions of the Factories Act, 1948, and the Rules made thereunder.

The licence shall remain in force till the 31st day of December, 2025.

ADISH-HSR

Digitally Signed By SUNIL KUMAR
LABOUR DEPARTMENT HARYANA
LABOUR COMMISSIONER SEC-17 30
BAYS BUILDING CHANDIGARH
CHANDIGARH Inspector of Factories
Haryana, Chandigarh

DESCRIPTION OF THE LICENCED PREMISES

The licensed premises shown on Building Plan approved vide No. 75P/13844 dated 02-01-2023 are situated at the address given above and consist of building as per approved drawings.

DIRECTORATE OF INDUSTRIAL SAFETY & HEALTH
LABOUR DEPARTMENT
HARYANA, CHANDIGARH

CERTIFICATE

THIS IS TO CERTIFY THAT

VIPIN S.T. POLES PVT. LTD.

KHASRA NO. 36, KHEWAT NO. 342, KHARAD HANS ROAD, VILLAGE KUTUBPUR, TEHSIL HANSI, HISAR - 125044, HARYANA

has been duly examined and is compliant with the requirements of

ISO 9001:2015

(Quality Management System)

This certificate is applicable to the following product or service range:

DESIGN, MANUFACTURING AND MARKETING OF OCTAGONAL POLES, HIGH MAST POLES, STREET LIGHT POLES, SWAGED STEEL TUBULAR POLES, HERITAGE POLES, DECORATIVE POLES, OUTDOOR LIGHTING FIXTURES ETC. WITH ACCESSORIES & ALL TYPE ELECTRIC CONTROL PANELS.

Certificate No: SPC1601636

Issued On: 03-04-2023

Valid Until: 29-11-2025

Next Audit: 29-11-2025

Authorised Signatory:
SP Certification Limited
170, Old Street, London, EC1Y 4PU, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No: 11658119

ISO 9001:2015 CERTIFIED COMPANY

AFIST

SPC

QR Code

Check the validity of this certificate please visit: www.spcertification.co.uk or www.afist.org

Certificate

THIS IS TO CERTIFY THAT

VIPIN S.T. POLES PRIVATE LIMITED

KHASRA NO. 36, KHEWAT NO. 342, DHANI KHARAD, VILLAGE KUTUBPUR, TEHSIL HANSI, HISAR, HARYANA - 125044, INDIA

Has been found in compliance with requirement of

Occupational Health and Safety Standard

ISO 45001:2018

For The Following Scope:

DESIGN, MANUFACTURING AND MARKETING OF OCTAGONAL POLES, HIGH MAST POLES, STREET LIGHT POLES, SWAGED STEEL TUBULAR POLES, HERITAGE POLES, DECORATIVE POLES, DECORATIVE BRACKETS, OUTDOOR & INDOOR LIGHTING FIXTURES, WITH ACCESSORIES & ALL TYPE ELECTRIC CONTROL PANELS.

Certificate No: SPC2357475

Original Certificate Date: 05-11-2023

Issue Date: 05-11-2023

Expiry Date: 05-11-2025

Authorised Signatory:
SP Certification Limited
170, Old Street, London, EC1Y 4PU, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No: 11658119

ISO 45001 CERTIFIED COMPANY

AFIST

SPC

QR Code

Check the validity of this certificate please visit: www.spcertification.co.uk or www.afist.org

CERTIFICATE

THIS IS TO CERTIFY THAT

VIPIN S.T. POLES PVT. LTD.

KHASRA NO. 36, KHEWAT NO. 342, KHARAD HANS ROAD, VILLAGE KUTUBPUR, TEHSIL HANSI, HISAR - 125044, HARYANA

has been duly examined and is compliant with the requirements of

ISO 14001:2015

(Environmental Management System)

This certificate is applicable to the following product or service range:

DESIGN, MANUFACTURING AND MARKETING OF OCTAGONAL POLES, HIGH MAST POLES, STREET LIGHT POLES, SWAGED STEEL TUBULAR POLES, HERITAGE POLES, DECORATIVE POLES, OUTDOOR LIGHTING FIXTURES ETC. WITH ACCESSORIES & ALL TYPE ELECTRIC CONTROL PANELS.

Certificate No: SPC2357475

Issued On: 05-11-2023

Valid Until: 05-11-2025

Next Audit: 05-11-2025

Authorised Signatory:
SP Certification Limited
170, Old Street, London, EC1Y 4PU, U.K.
Email: info@spcertification.co.uk
www.spcertification.co.uk
Company No: 11658119

ISO 14001:2015 CERTIFIED COMPANY

AFIST

SPC

QR Code

Check the validity of this certificate please visit: www.spcertification.co.uk or www.afist.org

OTHER PRODUCTS



At Vipin S. T. Poles Pvt. Ltd., we are at the forefront of crafting premium quality poles and innovative lighting solutions. Our extensive product lineup includes; Flag Mast Poles, Octagonal Poles, Decorative Poles, Bollards, LED Outdoor Lighting & LED Indoor Lighting. Our unwavering commitment to excellence and meticulous attention to detail ensures that our offerings are not only functional, but also visually appealing.



Decorative Poles

Bollards



Flag Mast & High Mast

Octagonal Pole

Lighting

For detailed specification please visit our website product page or Catalogue Page
<https://vsphighmast.com/products> | <https://vsphighmast.com/e-catalogue>



VIPIN S.T. POLES PVT. LTD.

MANUFACTURER OF:

- ▶ High Mast Poles
- ▶ Flag Mast Poles
- ▶ Octagonal Poles
- ▶ Decorative Poles
- ▶ Decorative Brackets
- ▶ Swaged Poles
- ▶ Cantilever Poles
- ▶ LED Outdoor Lighting
- ▶ LED Indoor Lighting
- ▶ LED Bollard Luminaires
- ▶ Facade Lighting
- ▶ Pre Engineered Buildings
- ▶ Gantry Structure


REGISTERED OFFICE / WORK:

Kharar - Hansi Road, Vill. Kutubpur,
Tehsil Hansi, Hisar - 125044, Haryana

WAREHOUSE LOCATIONS:

Jaipur, Rajasthan
Lucknow, Uttar Pradesh

CONTACT US:

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