

# VD Engineering Solutions

## PRE-ENGINEERED STEEL BUILDING



# Introduction

VD Projects is a leading provider of precision fabrication services, specializing in specific areas, e.g., metal fabrication, sheet metal fabrication, structural steel fabrication. Our state of the art facilities and skilled workforce enable us to deliver high-quality products and solutions to a diverse range of industries. With a commitment to excellence, VD Projects ensures every product meets stringent quality standards and client specifications.

Our team of experts works closely with clients to provide customized solutions that meet both functional and aesthetic requirements. From prototyping to full-scale production, we offer end-to-end fabrication services that support seamless project execution. Serving industries such as construction, automotive, and manufacturing, VD Projects is your trusted partner for reliable and innovative fabrication solutions.

## Our Vision

To be the most reliable solution provider in the field of Pre-Engineered Buildings & Structural Steel project.

## Our Mision

Our mission to provide complete end to end solution to clients for their steel building requirements and enrich them with the experience at our services with utmost satisfaction.





# Complete Solution

VD Enterprises Buildings does far more than supply and erection of Pre Engineered metal buildings. We offer complete solutions to the customer enabling them to focus on their organization strategic goals. We undertake single source responsibility for the project through co-ordination of all the departments viz.

Design & Engineering

Manufacturing

Project Management

Logistics

Erection

Pre-Engineered Building is a combination of built-up primary members, secondary members and roofing and wall cladding either single skin or insulated panels. Built-up members and secondary members form a well braced steel skeleton structure which is enveloped by roofing and wall cladding. Thus, we get an air tight, weather proof, energy efficient building to serve the need of customers.

Pre-Engineered Buildings are designed with the help of International Standards. These are precisely manufactured as per customer's requirement and also can be fitted with different structural accessories including mezzanines, Canopies, Fascia, Partitions, crane beams etc. to enhance the building usage and its aesthetics.





# Buildings with Mezzanines

VD Projects Standard Mezzanine system is a combination of profiled GI steel deck, built-up primary beams, mezzanine joists and intermediate support columns. Built-up beams span in lateral directions and mezzanine joists in longitudinal directions bolted to the top flange of beams. A concrete slab is cast on the steel deck as a finished surface. Shear buttons are provided on the deck panel for proper bonding of concrete with deck panel. Steel checkered plates can also be used as top surface.

Mezzanine systems are used in Industrial buildings for additional storage space and office space requirement in building itself.

Mezzanine is a cost-effective and time efficient way to create additional storage space in any new or existing building. Mezzanines create additional floor space by going up not out. saving you the considerable cost of new construction .The prefabricated design also saves time since all component s arrive prefabricated and ready for immediate installation.





# Turnkey Solutions

VD Projects building provide turnkey solutions to our clients including civil and Structural PEB work. With our expertise and vast experience in the construction industry would like to render unique services, which would facilitate our clients to execute the project in a professional manner.

We undertake execution of civil structural construction works right from foundation stage to the completion stage, which includes all kinds of concrete and brick constructions such as concrete foundations, concrete columns, brick masonry, and flooring required to complete a building in totality.

## Scope of Work

- Foundations
- Substructures
- Super Structures Masonry
- Works & Plaster
- Flooring Work



# Top-Tier Pipeline Fabrication Service

We specialize in delivering top-tier pipeline fabrication services. Our team of skilled professionals is committed to providing high-quality, cost-effective solutions for your projects. From design to installation, we ensure the highest standards of safety and efficiency.

With years of industry experience, we have honed our expertise in pipeline fabrication. Our commitment to quality and adherence to industry standards ensures the reliability and durability of every project.

**We understand the unique challenges of your pipeline projects. Our customer-centric approach ensures seamless communication, timely delivery, and exceptional results. Let us be your partner in achieving your project goals.**









## Core Capabilities

- **Precision Cutting:** Utilizing advanced cutting technologies like laser cutting, plasma cutting, and watergate cutting to achieve precise dimensions and intricate designs.
- **Forming and Bending:** Employing a variety of forming and bending techniques, including press brake forming, roll forming, and tube bending, to shape metal into complex geometries.
- **Welding:** Expertise in various welding processes, such as TIG, MIG, and FCAW, to join metal components with strength and durability.
- **Machining:** Precision machining capabilities to create intricate parts and components with tight tolerances.
- **Assembly:** Skilled assembly technicians to assemble fabricated components into complete products or systems.
- **Finishing:** A range of finishing options, including powder coating, painting, and plating, to enhance the appearance and durability of fabricated products.

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## Materials Expertise

- **Metals:** Proficient in working with various metals, including steel, stainless steel, aluminum, and exotic alloys.
- **Plastics:** Experience in fabricating plastic components using techniques like CNC machining and thermoforming.

## Quality Assurance

### ISO Certification

Adherence to ISO 9001:2015 quality management standards to ensure consistent product quality.

### Quality Control:

Rigorous quality control procedures to monitor every stage of the fabrication process.

### Testing and Inspection:

Comprehensive testing and inspection capabilities to verify product conformance to specifications.



# Industry Experience

- **Industry 1:** Specific experience and capabilities for this industry, e.g., oil and gas, aerospace, automotive
- **Industry 2:** Specific experience and capabilities for this industry, e.g., construction, agriculture, manufacturing

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## Partner with AK Projects for

- **Custom Fabrication:** Tailored solutions to meet your specific requirements.
- **Rapid Prototyping:** Quick turnaround times for product development and testing.
- **High-Volume Production:** Efficient production processes for large-scale projects.

AK Projects is committed to delivering exceptional products and services that exceed customer expectations. Contact us today to discuss your fabrication needs





# Material Handling Trolleys

Our robust and ergonomically designed material handling trolleys enhance productivity by enabling safe and efficient transport of goods. Crafted from premium materials, they are built to withstand heavy loads and continuous industrial use.

We offer customizable options including platform size, wheel types, and load capacities to suit various operational needs. These trolleys play a critical role in streamlining logistics, reducing manual strain, and improving overall workflow.





## Accessories

Ridge Vent



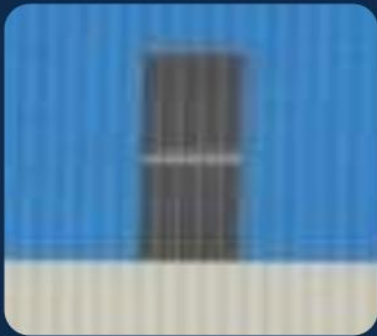
Turbo Ventilator



Sky Light



Wall Light



S Type Louvers



Fasteners



Canopy



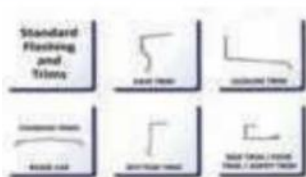
Fascia



Insulation



### Trims & Flashings



## Our Cliental

**We are proud to have partnered with industry leaders across sectors for their pre-engineered steel building needs.**

Our clients trust us for durable, cost-effective, and timely solutions tailored to their vision. From warehouses to commercial complexes, each project reflects our commitment to quality. Together, we're building the future — one steel structure at a time.





# Thank You

Thank you for your time and attention.

We appreciate the opportunity to share our vision with you.

Your interest drives our passion for excellence.

Looking forward to building a strong future together.

## Registered Office

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