

EFG ENGINEERS LLP
DESIGN. BUILD. DELIVER.



www.efgengineersllp.com

ABOUT US :

About us **EFG ENGINEERS LLP** has been serving the industry since August 2021, established by a team of three visionary partners with a commitment to delivering reliable, quality-driven fabrication and engineering solutions. Our core expertise covers a broad range of industrial and structural fabrication, including Boiler House Structures, PEB Structures, ECO/APH Structures, BOP Structures, Ducting and Ducting Support Structures, Material Handling Structures, Equipment Support Structures, Platforms, Walkways, Staircases, Pipe Racks, Pipe Supports, Railings, Gratings, Tanks, Dampers and customized fabricated components. We undertake fabrication in Mild Steel and various grades of Stainless Steel, with the capability to manufacture components and assemblies as per approved drawings, technical specifications and project requirements. Alongside our fabrication capabilities, we operate a dedicated industrial abrasive blasting and protective painting facility, including an enclosed blasting and painting booth, enabling controlled surface preparation up to Sa 2, Sa 2.5 and Sa 3 and industrial coating systems of approximately 450–650 microns DFT. Our operations are supported by skilled manpower, dedicated QC personnel, NDT Level II qualified personnel, modern fabrication infrastructure and comprehensive inspection capabilities. EFG ENGINEERS LLP is certified as per ISO 9001:2015 for Quality Management Systems and ISO 45001:2018 for Occupational Health & Safety Management Systems, reflecting our commitment to consistent quality, safe working practices and continual improvement. With these capabilities, we provide an integrated solution covering fabrication, blasting, painting, inspection, packaging and dispatch, with a strong focus on quality, safety, precision,



Vision

To be a globally respected engineering & fabrication company, delivering innovative, reliable, and sustainable solutions that empower industries



Mission

Our mission is to continually upgrade our infrastructure, technology, and skills to uphold global standards of quality and safety, while ensuring on-time delivery & un-compromised customer satisfaction as our core priorities.

OUR PRIORITY

- SAFETY
- COMPLIANCE & ETHICS
- QUALITY
- CUSTOMER SATISFACTION
- CONTINUOUS IMPROVEMENT
- PROFITABILITY / EARNINGS

SAFETY POLICY

- PRIORITIZE PREVENTION
- INDIVIDUAL WELL-BEING
- MANDATORY TRAINING
- HAZARD CONTROL
- CONTINUOUS IMPROVEMENT



Quality Policy

At EFG Engineers LLP, we are dedicated to achieving excellence in fabrication and engineering solutions through a strong focus on quality, safety, and customer satisfaction. Our policy is to deliver products and services that meet the highest industry standards while ensuring on-time completion and cost-effectiveness. We continuously invest in modern infrastructure, advanced technology, and skilled manpower to enhance our capabilities and maintain consistent performance. By adopting a culture of continuous improvement and innovation, we strive to exceed client expectations in every project. We firmly believe that quality is not just a standard but a commitment embedded in our values, processes, and way of working. Through integrity, professionalism, and a proactive approach, we aim to build long-term partnerships and contribute to the sustainable growth of our clients and the industry.



OUR FOCUS:

STRUCTURE:

Our core expertise lies in the fabrication of heavy as well as light industrial structures as per applicable IS standards and project-specific engineering requirements. We undertake fabrication of Boiler House structures, PEB structures, ESP/AHP platforms and supporting structures, ducting supports, pipe supports, cable tray supports, hoppers, material handling structures, heavy-duty mezzanine structures, equipment support structures, platforms, walkways, staircases and other structural assemblies. Our fabrication capabilities cover structural components of varying sizes, weights and complexities, with emphasis on dimensional accuracy, weld quality, fit-up, alignment and overall structural integrity. We use quality structural steel from reputed manufacturers such as SAIL, Jindal, Tata Steel and Vizag Steel, or other makes strictly as per the customer-approved make list and project specifications. All fabrication activities are carried out in accordance with applicable IS codes, approved drawings, WPS/PQR and project quality requirements



Mezzanine



Boiler house structure



ECO-APH structure



PEB shed



Chequered Plate Platform



Hopper Panels



Duct support



Grating Platform



Skid



Pipe Support



Crossover



Cable Tray support



OUR FOCUS:

RAILING, GRATING, STAIRCASE & LADDER:

We have a well-equipped facility dedicated to the fabrication of industrial gratings, railings, staircases, and ladders. Our gratings are manufactured for platforms, walkways, and flooring systems with high load-bearing capacity and anti-slip safety, while our railings are designed to provide robust support and meet workplace safety standards in critical areas. Staircases and ladders are custom-built as per client drawings, ensuring ease of installation, durability, and safe access. All products are fabricated with precision welding, corrosion-resistant materials, and strict adherence to specifications, supported by skilled manpower and advanced equipment. Widely used in power plants, refineries, chemical industries, and heavy engineering sectors, our solutions are known for safety, strength, and long-lasting performance.



TANKS:

We are engaged in the fabrication of industrial products such as storage tanks, pressure vessels, manifolds, and shafts. All our products are manufactured as per client drawings and specifications, with strict adherence to quality standards. With advanced fabrication techniques, skilled workmanship, and robust inspection processes, we ensure reliable, durable, and precisely built components suitable for diverse industrial applications.



OUR FOCUS:



EXPANSION JOINT & AEROFOIL:

We specialize in fabricating high-quality expansion joints and aerofoil components tailored to client specifications. Our expansion joints ensure flexibility, leak-proof performance, and long service life for pipelines, ducts, and process equipment in industries like power, chemical, and HVAC. Likewise, our precision aerofoils are manufactured with advanced techniques for optimal aerodynamic performance, strength, and durability, serving aerospace, energy, and specialized industrial sectors with strict quality and reliability standards.

DAMPERS:

We provide precision fabrication of industrial dampers tailored to client specifications, ensuring exceptional quality and performance. Our expertise lies in converting engineering blueprints into high-quality, fully functional components that meet exact dimensions and material requirements. With capabilities covering Butterfly, Three-Way, Multi louver, Slide Gate Dampers, and Shut-Off Valves, we guarantee durability, accuracy, and reliability, making us a trusted partner in your supply chain.



OUR FOCUS:



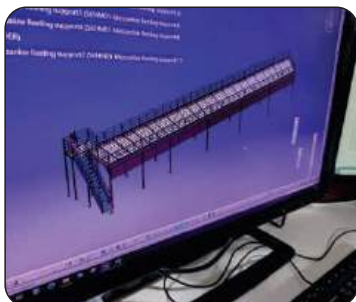
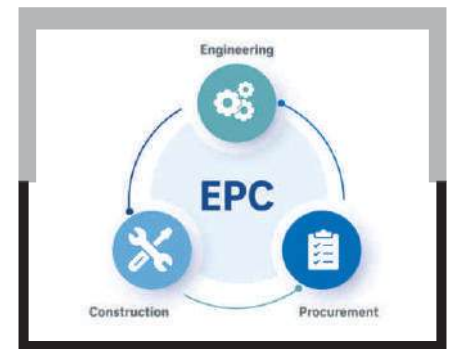
DUCTING:

We undertake the fabrication and supply of Industrial Ducting in both Stainless Steel (SS) and Mild Steel (MS), tailored to meet diverse industry needs. Our ducting is available in various sizes and shapes, including rectangular and round forms, ensuring flexibility for different applications. In addition to standard ducts, we also manufacture specialized components such as mitre bends, hoppers, transitions, reducers, and elbows, providing complete ducting solutions under one roof. With a strong focus on quality, durability, and precision workmanship, our ducting systems deliver reliable performance for ventilation, dust extraction, fume handling, and process air movement across industrial sectors.



EPC:

EPC (Engineering, Procurement, and Construction) is a project delivery model where a single contractor manages design, procurement, and construction for efficient project execution. Widely used in power plants, oil & gas, petrochemical, and infrastructure projects, EPC ensures streamlined communication and single-point responsibility. By integrating engineering, material sourcing, and construction, it reduces risks, optimizes costs, and ensures timely completion. EPC provides a comprehensive, reliable, and efficient solution for large-scale industrial and infrastructure projects.



OUR INFRASTRUCTURE:

1. FACILITY & INFRASTRUCTURE*

EFG ENGINEERS LLP operates from a strategically planned 30,000 sq. ft. industrial facility, developed to support structural fabrication, abrasive blasting, protective painting, quality inspection, packaging and dispatch operations.

The facility is equipped with 30 ft and 20 ft wide entry gates, long frontage and direct connectivity to a 40 ft wide road, enabling smooth movement of heavy vehicles and handling of 40–60 ft trailer.

FACILITY AREAS

FACILITY	AREA
Total Industrial Facility	30,000 Sq. Ft.
Covered Fabrication Area	8,000 Sq. Ft.
Dedicated Blasting & Painting Area	4,000 Sq. Ft.
Packaging & RFD Area	10,000 Sq. Ft.
Office & Project Management	800 Sq. Ft.
Store & Material Storage	400 Sq. Ft.

2. FABRICATION & PRODUCTION FACILITY

The 8,000 sq. ft. covered fabrication area provides an organized and efficient environment for structural fabrication, welding, assembly, finishing and related production activities.

The facility is supported by a comprehensive range of welding, cutting, drilling, machining, pressing and finishing equipment.

Key Fabrication Capabilities

- Arc Welding – up to 400 AMP Co2 • Welding – 400 AMP • Argon Welding – as required • Plate / Section Cutting
- Drilling & Core Cutting • Magnetic Drilling • Grinding & Finishing • Pressing & Forming • Band Saw Cutting



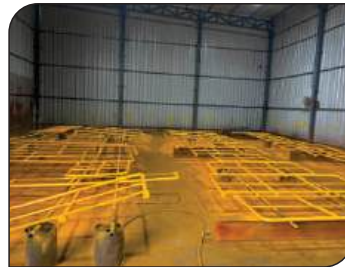
OUR INFRASTRUCTURE:

3. DEDICATED BLASTING & PAINTING FACILITY

A dedicated 4,000 sq. ft. area is allocated for industrial abrasive blasting and protective painting operations. The facility includes a dedicated enclosed blasting and painting booth, providing a controlled environment for surface preparation and coating application, with improved dust containment, process control and coating quality.

Blasting & Painting Infrastructure

- Dedicated enclosed blasting & painting booth • 330 CFM ELGi Diesel Compressor • 5 HP ELGi Electric Compressor
- 3 HP Dolphin Electric Compressor • 600 kg Jyoti Blasting Hopper • Industrial abrasive blasting equipment
- Suitable blasting nozzles and accessories • Abrasive handling / recovery arrangement • Controlled ventilation and dust management • Industrial paint application equipment • Surface preparation and coating inspection instruments



4. ABRASIVE BLASTING CAPABILITY

We undertake abrasive blasting as per approved project specifications and required surface preparation standards, including:

Sa 2 | Sa 2.5 | Sa 3

Suitable project-approved abrasive media can be used depending on substrate condition, required surface profile and coating specification.

BLASTING MEDIA

Copper Slag : suitable for efficient industrial surface preparation and removal of rust, mill scale & existing coatings.

Steel Grit : used where controlled surface profile generation and heavy-duty surface preparation are required.

Steel Shot : suitable for applications requiring controlled impact cleaning and surface preparation.

Glass Bead : used for applications requiring a finer and less aggressive surface finish, where specified.

The selection of abrasive media is based on the substrate, required surface cleanliness, surface profile, coating system and approved project specification.

5. INDUSTRIAL PAINTING & PROTECTIVE COATING

Our painting facility supports application of industrial protective coating systems using approved coating materials and application procedures. We regularly work with leading coating manufacturers, including:

HEMPEL | JOTUN | BERGER | ASIAN PAINTS | KANSAI NEROLAC | DULUX (AKZONOBEL)

Our coating capability includes systems with total DFT up to approximately 450–650 microns, subject to the approved coating specification and paint manufacturer's recommendations.

Coating Systems

- Primer Coat • Intermediate Coat • Finish Coat • High-Build Coating Systems • Multi-Coat Protective Systems
- Touch-Up & Repair Coating • Stripe Coating at Welds, Edges & Critical Areas



OUR INFRASTRUCTURE:

6. QUALITY & COATING INSPECTION

Quality inspection is integrated into the blasting and painting process to ensure compliance with approved project specifications.

Parameters Monitored

- Surface Cleanliness • Surface Profile • Ambient Temperature • Relative Humidity • Steel Surface Temperature
- Dew Point • Wet Film Thickness (WFT) • Dry Film Thickness (DFT)

Blasting and painting activities can be executed under *NACE / AMPP Level 2 Coating Inspector inspection requirements*, along with client and third-party inspection requirements.

Inspection Instruments

- Surface Profile Gauge / Comparator • Digital DFT Gauge • WFT Gauge • Dew Point Meter / Hygrometer
- Surface Temperature Measurement • Dust Test Equipment • Adhesion Testing Equipment, where specified
- Holiday / Pinhole Detection Equipment, where specified



7. PACKAGING & RFD FACILITY

A separate 10,000 sq. ft. area is dedicated to Packaging and Ready for Dispatch (RFD)* activities.

The dedicated area facilitates:

- Systematic organization of completed components
- Protection of painted components
- Final inspection and preparation
- Safe loading operations
- Trailer loading and dispatch preparation
- Efficient material segregation and identification



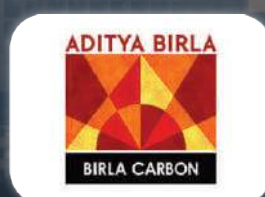
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Our Partners



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