EPP®

EPP Composites Pvt. Ltd.

Since 1986

FRP Chemical Process Equipment



Effective & Efficient Non-Corrosive Solutions for Chemical Industry

www.eppcomposites.com

EPP Composites Pvt. Ltd.
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About Us

Established in 1986, EPP has been a tour de' force for the past 37+ years with dedicated efforts for the growth of composite product solutions in India.

A technology powerhouse, EPP has been successful in developing and exercising every composite technology available in the world, serving clients with customized, engineered composite product solutions.

Serving infrastructure, Water & Sanitation, Power & Energy, Chemical, Petrochemical, Pharmaceutical, Oil & Gas, Offshore, Electrical, Building & Construction, Defence, Mass Transportation, Cooling Tower, Marine, and Steel Industry with 60+ product-driven solutions.

Certified with ISO 9001:2015 for QMS (Quality Management System).

Since its inception, EPP Composites have worked together with Energy Producers & EPC Contractors to provide customised solutions to meet the demands of an ever-changing Energy Sector, where the technical requirements are Challenging, and equipment reliability and uptime are primes.

EPP Composites' Product horizon evolved over nearly 4 decades to meet upstream to downstream segments of Energy Manufacturers.

7 Manufacturing Campuses | 1600+ Workforce
Exporting to >45 Countries | 5000+ Satisfied Customers



EPP Composites Pvt. Ltd.
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Chemical Equipment Unit


Pultrusion Unit

Plant Gallery


CFW Unit


HFW Unit


General Moulding Unit


SMC Unit


UGST Unit

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Plant Facilities















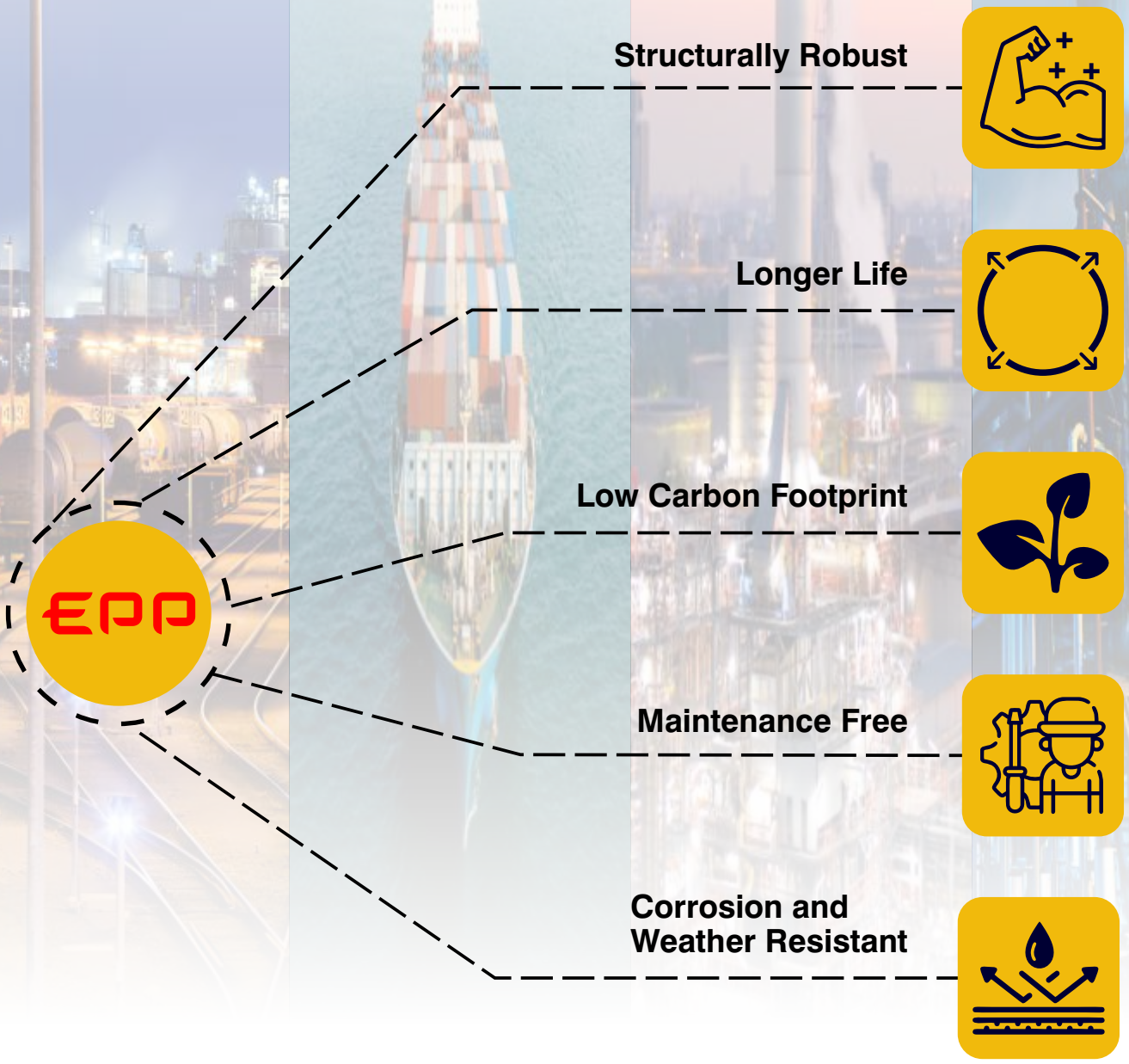


EPP Composites Pvt. Ltd.
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INDUSTRIES

WE SERVE >>

Chemical Processing | Marine | Shipbuilding | Oil & Gas
Pulp & Paper | Cooling Towers | Petro-Chemicals | Mass Transportation
ETP/STP/WTP | Desalination | FGD | Fertilizer | Renewable Energy
Metal Processing | Pharmaceuticals | Offshore/Onshore



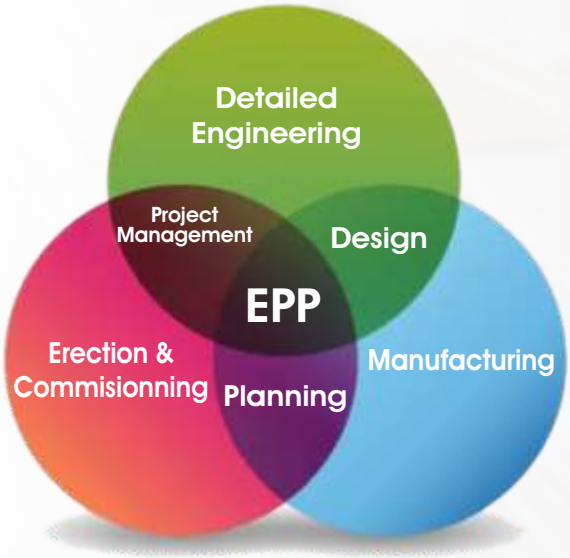
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We Offer Total Turnkey Solutions



Softwares

- Piping / Pipeline Design
- Piping / Pipeline Stress Analysis
- Finite Element Analysis
- Computational Fluid Dynamics
- Pressure Vessel Design
- Civil / Structural Design



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Manufacturing Capabilities

Acclaimed for providing excellent solutions in diverse areas, EPP manufactures complete piping systems, industrial equipment such as storage and process vessels, reactors, scrubbers, exhaust stacks and ductings, in FRP | PP | PVC | HDPE | PVDF | CPVC | ECTFE or in relevant combination (Dual Laminate) for critical and complex components. The combination of thermoplastic liners and FRP thermoset composites provides structures with excellent chemical resistance and structural strength. Dual Laminates are now used in numerous applications replacing more expensive metal alloys, lined steel, glass, stoneware or rubber. They offer a cost-effective solution in some of the most corrosive services encountered in industry.

Wet Layup (Hand-Layup) **Helical Filament Winding (HFW)**
Continuous Filament Winding (CFW) **Thermoplastic Welding** **Pultrusion Process**
Sheet Molding Compound Process **Compression Molding Process**
Spray Layup Process **Resin Transfer Molding Process** **Vacuum Infusion Process**






Raw Materials

Raw Materials	MOC	Supplier
Thermosets (Resin)	Isophthalic, Vinyl Ester, Epoxy, Bisphenol Resin	INEOS, AOC Trusted Solutions, SCOTT BADER
Fiber Glass	Chop Strand Mat (CSM), Woven Roving Mat (WRM), Technical Fabrics, Fiber Cored Veil, Direct & Assembled Roving	OWENS CORNING, 3B the fibreglass company, ACM, JUSHI
Thermoplastic	EPDM, PTFE, FEP, FPM, PFA, PPH, HDPE PPR, PVC, CPVC, PVDF	+GF+ GEORG FISCHER PIPING SYSTEMS, SIMONA, Röchling agru The Plastics Experts

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Quality & Compliance

EPP follows strict QC planning and are subjected to a number of tests to ensure the quality of the product.

A detailed QA/QC plan is available on request for buyers reference.
We use the best quality raw materials from reputed vendors in domestic & international market.

Stringent Quality Control checks are carried out during the entire manufacturing Process. All FRP Equipment laminates are subject to multiple destructive & non-destructive tests complying to national and international standards to obtain the following properties.

■ Physical ■ Mechanical ■ Chemical ■ Thermal ■ Optical ■ Electrical

Laboratory

State-of-the art testing & R&D facilities are available at all the manufacturing campuses of EPP






Product & Process Certifications

CERTIFIED ISO 9001:2015 COMPANY

Bureau of Indian Standards

CRISIL

COOLING TECHNOLOGY CTI EST. 1950 INSTITUTE ©

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GOVERNMENT OF INDIA

EPP Composites Pvt. Ltd.
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Chemical Equipments for High Performance Applications :

Industrial Applications

- **Acid / Alkaline Solutions** - Chlor - Alkali, Soda Ash, Chemical, Fertilizers, Pharmaceutical & Formulation Plants, Agro, API, etc.
- **Pollution Control -** Thermal Power Plant, Metal Process Industries, FGD, Fume Recovery etc.
- **Raw / Potable Water** - Water Supply, Lift Irrigation, Penstock, Cooling Towers, etc.
- **Raw / Treated Sewerage** - Conveyance & Discharge lines, etc.
- **Industrial Effluents** - Conveyance & Discharge lines, etc.
- **Sea Water** - Heavy Water, Desalination, Cooling Towers, etc.
- **Steam Condensate** - Chemical, Fertilizers, Pharmaceutical & Formulation Plants, etc.
- **Petro - Chemical Water** - Oil Separation, Fire fighting, etc.
- **Gases & Air** - Chemical, Fertilizers, Pharmaceutical & Formulation Plants, etc.
- **Other Industries** - Ship Building, Marine, Mass Mobility, Defence, Renewable Energy, etc.

Corrosion Resistant

Low Weight and Durable

Cost effective and efficient

Longer life cycle

Versatile and Accommodating

Environmentally Friendly & Sustainable



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FRP Air Pollution Control Equipment

Air Pollution Control Equipment are used to purify hazardous exhaust gas through its internal special filling material which enlarge the surface between exhaust gas and fluids.

- **Scrubbers**
- **Stacks**
- **Cyclone**
- **Absorbers**
- **Dust Collector**
- **Dust Extraction System**
- **Fume Extraction System**



Scrubbers



Capacity : Diameter up to 8500 mm & height 30000 mm

Material of Construction :
Isopthalic I Bisphenol I Vinlyester I Fiber Glass I PP I FRP
PP-FRP I PPH-FRP I PVC-FRP I CPVC-FRP I PVDF-FRP I ECTFE-FRP

Standard and Specifications : BS-EN-13121 I ASME RTP 1 I ASME SECTION 10

Application : Scrubber used for the removal of SO_x, NO_x, HF and HCL.

Types : Wet Scrubbers I Dry Scrubbers I Electrostatic Precipitators



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FRP Equipment for Solar Cell Manufacturing Industries

For photovoltaic (PV) devices and solar cells, the solar industry depends on silicon. The most abundant element in the earth's crust is silicon, which is surpassed only by oxygen. Still, silicon needs to be purified to a 99.99% level in order to be used as a semiconductor in solar cells. The complicated processes involved in silicon refining can be managed with EPP's assistance, which can help you satisfy the severe processing demands of the solar market while maintaining environmental control.

Our intended scrubber systems are designed as per pollution control board norms. EPP are supplying scrubber systems including:

- Gas Collecting Hoods

- Scrubbers with Internal packing

- Recirculation pipes and Fittings

- Ducting network

- Chimney/ Stack

- Centrifugal exhaust blower

We offer entire scrubbing system on turnkey basis that could be prepared from FRP, CPVC-FRP, PP-FRP, PVDF-FRP etc. as per the requirement of the client.

EPP TO PROVIDE PROVEN ENVIRONMENTAL SOLUTIONS FOR ALL YOUR SILICON REFINING NEEDS:

- Equipment combinations that ensure maximum system availability for trichlorosilane production
- Emergency vent scrubbing systems that combine high-removal efficiency with system readiness
- Silane waste incineration scrubber solutions that treat incineration gases containing both acid gas and submicron particulate
- The right combination of equipment and chemistry for NOx control for acid etching
- High-efficiency packed scrubbers to remove alkalis and acid-generated emissions during the wafer cleaning process
- Complete line of venturi scrubbers for controlling fine and coarse SiO2 particulate
- Incineration and energy recovery systems for processing waste and recovering usable products for the manufacturing process.





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Materials of Construction (MOC)

- FRP
- CPVC or PVC- FRP
- PP- FRP
- PVDF-FRP

Capacity of Scrubbers System

- 500 M3/hr – 1,20,000 M3/hr

Size of FRP Scrubber

- **Diameter :** 400mm – 8500mm
- **Height :** 3000mm – 26000mm



Types of Industrial Scrubbers:

1. Wet Scrubbers 2. Dry Scrubbers 3. Electrostatic Precipitators



Wet Scrubbers

The first industrial scrubbers available were wet scrubbers, and these scrubbers continue to be a popular option today. Wet scrubbers are metal or composite containers that contain liquid. As a gas stream passes through the container, contaminants bind with the water and remain in the container. The purified gas then leaves the scrubber.

Wet scrubbers use fairly simplistic yet effective technology. Engineers found that maximizing the surface area of the liquid in the wet scrubber allows for more effective purification. They also determined that agitating the solution in the scrubber helps by keeping the gas and scrubber liquid more thoroughly mixed.

Dry Scrubbers

Dry scrubbers have become an increasingly common option alongside wet scrubbers. They offer some advantages over wet scrubbers but also come with some limitations compared to wet scrubbers. As the name suggests, dry scrubbers do not use a liquid scrubber to purify. Instead, they use dry sorbents. This is the main difference between wet and dry industrial scrubbers. Otherwise, these devices share several similarities. Like a wet scrubber, a dry scrubber can remove both harmful gases and particles from an exhaust stream.



Dry scrubbers are mostly used to remove acidic components from gas exhausts that result from combustion processes. In these applications, the dry sorbent is an alkaline slurry. When the gas interacts with the alkaline substance, it undergoes absorption, effectively neutralizing the pH of the gas. The impurities turn into solid salts, which the particulate control device removes from the system. There are two basic methods dry scrubbers can use:

Dry Sorbent Injection

Some dry scrubbers inject a sorbent that the gas directly mixes with as it passes through. This injection and resulting reaction can happen at various locations in the process. Wherever it occurs, the system absorbs the acidic components from the gas and creates solid salts. These dry scrubbers are known as dry sorbent injectors (DSIs).



Spray Dryer Absorbent Method:

Other dry scrubbers spray the alkaline slurry into the gas stream as it passes through. The heat of the exhaust gas causes water droplets to evaporate, so the purified gas that leaves the system is non-saturated. These scrubbers are known as spray dryer absorbers (SDAs), spray driers or semi-dry scrubbers.



3. Electrostatic Precipitators

Electrostatic precipitators are unique compared to wet and dry scrubbers in that they are filter less devices. Rather than using some sort of material to absorb harmful pollutants, electrostatic precipitators use an electric field to attract contaminants and trap them inside the machine. The electric field either gives the particles a positive or negative charge. The particles are then attracted to plates in the device with the opposite charge.

Electrostatic precipitators are used to remove particles like dust and smoke. Wet scrubbers can also use an electric charge to attract contaminants, but with electrostatic precipitators, that is the sole method used for purification.

Electrostatic precipitators are classified into two types depending on the way they dispose of the contaminants they collect:

Dry ESPs:

Most ESPs vibrate the collector plates when needed to loosen the collected particles. This process is known as rapping and keeps the contaminants dry during disposal.





Wet ESPs:

Wet ESPs wash the collector plates with water. Typically, this method is used when the particles collected are sticky and pose low resistivity.

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Chemical Storage Tanks & Vessels

Fiber Reinforced Polymer (FRP) tanks and process vessels have been the standard material choice for years for any industry using strong chemicals for producing their products. Some industrial chemicals deteriorate traditional metal tanks causing costly repairs or replacement. FRP tanks excel in these environments with longevity and ease of repair. All quality FRP tanks are designed and built to stringent industry standards. Our engineers design as per the relevant ASTM and ASME RTP-1 tank standards. Our FRP certification ensures customers receive a product created to the highest standards.

Manufacturing Capability : Max Diameter up to 12000 mm & height up to 18000 mm

Material of Construction :
- Isopthalic, Bisphenol, Vinlyester, Epoxy Resin & Glass Fiber
- PP & HDPE
- PP-FRP, PPH-FRP, PVC-FRP, CPVC-FRP, PVDF-FRP, ECTFE-FRP, FEP-FRP

Standard and Specifications: BS-EN-13121, ASME RTP 1, ASME SECTION 10

Tank Types : Pressure Vessels, Storage Tanks, Pulp Storage Tanks, Reactor vessels, Electrolysis Tanks

Tank Design : Dome, Flat, Conical Roofs, Bottoms Open, Closed Top, Rectangular Shell, Cylindrical Shell

Sectors Served :
Government Water Supply Department, Public Health Department, Irrigation Department, Water Treatment Industry, Cross Country, Sea Water Supply, Municipal Sewerage Line, Power Plant, Desalination Plant






EPP Composites Pvt. Ltd.
Since 1986

FRP Pipes, Ducts & Fittings

EPP FRP Pipes are made out of Fiber Glass & resin. It combines the extremely high ultimate strength of Fibreglass with the corrosion and media resistance of the resin. They are being manufactured on Fully Automatic CNC Filament Winding Machines and fully automatic CNC dual helical filament winding machines and continuous filament winding machines.

Capabilities: DN - 25 mm to 3000 mm Ø
PN - up to 32 BarG
Temp.- up to 120° C

Material of Construction: Isopthalic, Bisphenol, Vinlyester, Fiber Glass
PP-FRP, PVC-FRP, CPVC-FRP, PVDF-FRP

Standard and Specifications: IS 12709, IS 14402, AWWA C 950 ASTM D 2992, 3517, 3754, 3681, BS 5480, BS 7159, ISO 14692, DIN 16965

Advantages : Light Weight | Corrosion Resistance | Longer Service Life | High Temperature Resistance | High Resistance to Surge Pressure | Non-Toxic | Low Thermal & Electrical Conductivity | Lower Life Cycle Cost

Sectors Served : Government Water Supply Department, Public Health Department, Irrigation Department, Water Treatment Industry, Cross Country, Sea Water Supply, Municipal Sewerage Line, Power Plant, Desalination Plant









EPP Composites Pvt. Ltd.
Since 1986

GRE Pipes & Fittings

EPP GRE Pipes are made out of Fiber Glass & resin. It combines the extremely high ultimate strength of Fibreglass with the corrosion and media resistance of the resin. They are being manufactured on Fully Automatic CNC Filament Winding Machines and fully automatic CNC dual helical filament winding machines and continuous filament winding machines.

Capabilities : DN - 25 mm to 3000 mm Ø
PN - up to 65 BarG

Material of Construction : Epoxy Resin, Glass Fiber PP-FRP, PVC-FRP, CPVC-FRP, PVDF-FRP

Standard and Specifications : API 15 LR, API 15 HR, BS 7159

Advantages : Light Weight | Corrosion Resistance | Longer Service Life

Efficiency - High-Temperature Resistance | High Resistance to Surge Pressure

Non-Toxic - Low Thermal & Electrical Conductivity & Lower Life Cycle Cost

Accreditation : American Petroleum Institute (API) monogram

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EPP Composites Pvt. Ltd.
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Pickling Tanks

We offer pickling tanks for steel industry for pickling process of MS and SS coils. These tanks are manufactured by Polypropylene - Homopolymer (PP-H), tanks specially designed for galvenizing line are also provided by us.



SIZE / Capacity : As per Customer Requirement

MOC : PP, HDPE, PPH, PP-FRP, HDPE-FRP, PVDF-FRP, ECTFE, PPH-FRP etc.

Application : Steel Tube Pickling, Cold Rolling Steel Sheet & Strip Pickiling

Standard : DVS 2205

Sectors Served : Steel cold rolling mills, Coil pickling lines, Hot dip galvanizing plants, Metal Finishing industries, Steel Pipe & tube industry

FRP Blowers

The gas cleaning process, controlling gaseous emissions, especially polluted gases are an important part of waste incineration or power generation processes. EPP blowers can be used for the removal of SO_x, NO_x, HF and HCL.

The design is mostly based on the requirements regarding temperature, gas flow, pressure, earthquake and climate conditions.

MOC : Vinylester | Bisphinol | Epoxy | PP-FRP | PVC- FRP HDPE-FRP PVDF-FRP | PPH-FRP, etc.

SIZE / Capacity: Maximum flow rate 150000 M^3/Hr. or as per customer requirement.

Standard : ASTM D 4167, IS 4894, ISO 1940, BS- 848



EPP Composites Pvt. Ltd.
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FRP Equipment for Chlor Alkali & Soda Ash Industries

- Caustic Storage Tanks
- Hypo Storage Tanks
- HCL Storage Tanks
- Chlorine Storage Tanks
- Brine Saturation & Purification Process FRP Equipment
- Electrolysis Process FRP Equipment
- Brine De-Chlorination FRP Equipment
- HCL Synthesis, Chlorine & Hydrogen Cooling FRP Equipment
- Hydrogen & Chlorine Handling FRP Equipment & Pipes
- Caustic Evaporation & Flaking Process FRP Equipment, Pipes and Ducts
- PVC FRP Bubble Absorption Tower for Chlor-Alkali
- FRP Pipes for DM Water & Soft Water





FRP Header, Spray Header, Anolyte Header & Catholyte Header :

These FRP / GRP Headers are the most important piece of equipment of a Chlor-Alkali plant apart from the Membrane cells. Chlorine generated in the Membrane cells flows into the Chlorine header along with NaCl brine at around 120 deg. C.









EPP Composites Pvt. Ltd.
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FRP Equipment for Power Generation Industries

Spray Header



Maximizing contact of the flue gas with the slurry spray is the key design aspect of the spray header system.

EPP Composites manufactures spray systems with the following Materials : FRP | PP-FRP | PP | CPVC-FRP

EPP Composites is able to design, supply, assemble and install ducts at power plants. We are familiar with providing ducts to the power market, including for the FGD and CSS processes.

EPP Composites also provides :

1. 90° Elbow with internal vanes
2. Segmented elbow
3. Transition pieces
4. Ducts & Slurry Pipes


Slurry Pipe


Deck Panel


Ducts


Mist Collectors


Spray Header

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FRP Equipment for Pulp & Paper Industries

- H2SO4 Storage Tanks
- HCL Storage Tanks
- Horizontal Cylindrical ACID Storage Tank
- FRP Exhaust Ducts & Stack
- FRP Chemical Process Piping
- Hot Water Tanks
- Sodium Chlorate Tanks
- Methanol Tanks
- Sulfuric Acid Tanks
- Chlorine Dioxide Tanks
- Black Liquor Removal Tanks
- Caustic Lime Tanks
- Sodium Sulfate Tanks
- Caustic Tanks
- Water Filtrate Tanks
- Bleached Pulp Tanks
- Scrubber Discharge Tanks
- Lime Kilns
- Pulp Bleaching Retention Tanks
- Chlorination Tanks



Custom Fabricated FRP Process Equipments for the Pulp & Paper Industry



EPP Composites Pvt. Ltd.
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FRP Equipment for Desalination Reverse-Osmosis

We provide a full-range of FRP and composite solution products worldwide for desalinization and other water resource management markets. As an industry leader in FRP we are constantly improving and diversifying our product range and processes. At EPP, our experience and precision capabilities, generates real solutions.

One of the main components of the desalination reverse-osmosis process are fiber reinforced plastics (FRP) pressure vessels that are used as pressure housing of reverse-osmosis filters. Typically there are hundreds of such pressure vessels in each facility connected serially into trains.

FRP Products and Components

- FRP Water Transfer Pipeline
- Storage Tanks
- Pressurized Vessels and Membrane Housing
- Intakes and Protective Grills
- Discharge Nozzles / Diffusers
- Troughs
- Baffle Walls, Weirs, Flat Sheets
- Gates and Guide Channels
- Structural-Decking, Walkways, Bridge, Grating, Handrails, Stairways, Ladders and Cages Systems
- Structural Shape-Channel, Beams, Bars, Rods,
- Roofing, Canopies and Architectural Structures





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FRP Equipment for Oil & Gas Industries

Our composites have been designed to stand up to some of the harshest environmental conditions. Our composites can be designed with corrosion resistance in mind. We offer intelligent design and integration for hydraulic fracturing, offshore drilling, and land based production. Our materials give you the key advantages you need to go further.

- **Pipe and Fitttings**
- **Under Ground Petroleum Storage Tanks**
- **CNG/LPG Cylinders**
- **Ducts & Fittings**
- **Tank Components**

  Manways I Hose Troughs I Tank Saddles I Pultruded Grating I Custom Drains I Fittings
- **Structural Components**
  - **Structural**-Decking, Walkways, Bridges, Grating, Handrails, Stairways, Ladders, and Cage Systems
  - **Structural Shape**-Channel, Beams, Bars
  - Roofing, Canopies and other Architectural Structures

FRP Underground Petroleum Storage Tanks

FRP Petroleum storage tanks are the latest and superior alternative for the existing conventional petroleum storage tanks for petroleum products all over the world. These tanks are set to bring about a techno commercial revolution in the Indian industry eliminating all the disadvantages of steel petroleum storage tanks currently being used.

EPP offers clients a wide range of FRP underground petroleum storage tanks.

Material of Construction

FRP-Unsaturated Polyester Resin (UL Listed) with ECR glass

Applicable Standards

- BSEN B121-3:2016
- UL 1316



EPP Composites Pvt. Ltd.
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FRP Equipment for Bio Gas Plants

Developing new sources of energy like Bio-gas technology, usage of energy efficient appliances and machines can save us from a disaster. As they say " Energy saved is Energy produced !"
Biogas typically refers to a gas produced by breakdown of organic matter in the absence of oxygen.
Organic waste such as dead plant and animal material, animal faces and kitchen waste can be converted into a gaseous fuel called Biogas. Biogas originates from biogenic material and is a type of bio fuel.
Biogas is produced by the anaerobic digestion or fermentation of biodegradable materials biomass, manure, sewage, municipal waste, green waste, plant material and crops.
Biogas comprises primarily methane (CH4) and carbon dioxide (CO2) and may have small amounts of hydrogen sulphide (H2S), moisture and siloxanes.

Benefits of using FRP tanks for Bio-Gas

- Low operating cost, Maintenance free
- FRP is Corrosion free, so long life span
- Pre-fab GRP tank – easy installation; quick build - less cost
- GRP is well insulated
  - Steel drum can rust, it is expensive
  - Concrete dome needs to be sealed to make it gas tight
  - Highly skilled labour required to build concrete dome, otherwise it will not give result if not build correctly



FRP Equipment for ETP/STP/Zero Liquid Discharge Plant

We are specialized and have experience of manufacturing varied range of products to suit the needs of Sewage Treatment Plant, Effluent Treatment Plant, Reverse Osmosis Plant & Chemical Process Industries, the different Material of construction like GRE-FRP,PVC-FRP,PVDF,PP, PP-FRP,HDPE- FRP etc.

- FRP / PVC Gas Dome
- FRP Feed Box for WTP / ETP / STP
- FRP Effluent Gutter / Launders
- FRP Baffle Plates & Scum Collection Box
- FRP Pressure Vessel for RO Plant and Pressure Filtration Plant
- FRP Bio Gas Header / Pipe for Anaerobic Digester
- FRP / GRP / GRE Piping and Fitting
- FRP Triangle Struss
- FRP Stelling Plates



EPP Composites Pvt. Ltd.
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FRP Equipment for Mining & Minerals Industries

We have unmatched design intelligence that can provide product development and support. At EPP Composites we can create new products as well as assist you with incremental improvements. Regardless of whether you are in extraction or processing of basic metals and minerals such as zinc, manganese carbonate, cobalt, copper, and nickel—FRP products are the appropriate choice.



- **Tanks & Vessels**
- **Tanks & Vessel Components**
- **Troughs, specialized coatings and linings**
- **Basins**
- **Piping Systems**
- **Duct System**
- **Ventilation & Fan Systems**
  - Hoods, Ridge Vents, Louvers
  - Covers, Casing, Inlet/Outlet Bell, Shroud, Impellers
  - Mist Eliminators, Air Strippers,
- **Structural Components**
  - Platform, Grating, Decking, Walkways, Bridges, Ladders Cage Systems, Handrails, Stairways, Fencing
- **Structural Members and Shape Components**
  - Channel, Bars, Beams,
- **Fiberglass Enclosures and Architectural**
  - Canopies, Covers,

FRP Equipment for Cooling Towers Plants

We offer solutions for counterflow towers, crossflow towers, natural-draft towers, and ethanol towers. Similarly, we offer a wide range of custom components including, fan stacks, louvers, fan decking, water distribution systems, and fill and drift eliminators. Common applications include cooling the circulating water used in oil refineries, petrochemical and other chemical plants, nuclear power, thermal power stations and HVAC systems for cooling buildings.

In addition, we offer custom FRP structural components including: platforms, walkways, stairways, decking, platforms and railings.

Cooling Tower Components



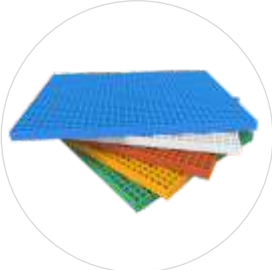


- **Fan Stacks**
- **Louvers**
- **Fan Decking**
- **Water Distribution Systems**
  - Header, Pipe connections, Laterals, Water Distribution System, Counterflow Nozzles
- **Fill and Drift Eliminators**
  - Bar Type Fill, Drift Eliminator Seals, Film Fill Media, Fill Evacuation Systems

EPP Composites Pvt. Ltd.
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Other Products


Gas Duct & Stack


FRP Grating


FRP Cable Tray


FRP Manhole Cover


FRP Ladder


SMC Chequered Plate


Degasser Towers

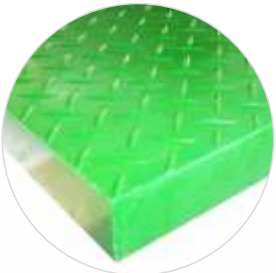

FRP Handrail


FRP Enclosures


FRP Lighting Poles

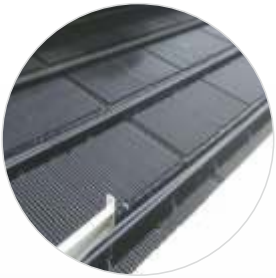

FRP Cage Ladder


Mixed Bed Demineralization


Trench Covers


FRP Canopy


Baffle Walls


Lamella Plates

EPP Composites Pvt. Ltd.
Since 1986

Major Clients

इंजीनियर्स इंडिया लिमिटेड (भारत सरकार का उपक्रम) EIL ENGINEERS INDIA LIMITED (A Govt. of India Undertaking)

Reliance Industries Limited

ADITYA BIRLA GRASIM

IDE Technologies

RSPL EVOLUTION IS CONSTANT

adani

L&T

HALDIA PETROCHEMICALS LTD

deccan

suez

thyssenkrupp

एनटीपीसी NTPC

WABAG

JINDAL SHADEED

Bharat RASAYAN LIMITED Putting Prosperity

JK Bodal Chemicals Ltd.

TEN TECHNIP ENERGIES

GHCL

BHUSHAN Enhancing The World Of Steel

KUTCH CHEMICAL INDUSTRIES LTD

THERMAX

Jio bp

गेल GAIL

NAYARA ENERGY

ओएनजीसी ONGC

EPP COMPOSITES PVT. LTD.

REGISTERED OFFICE
Plot No. 2646, Kranti Gate Main Road, Lodhika
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