



F-81, MIDC, Waluj, Aurangabad - 431136. Phone : 0240 - 5610393, 5621514

Manufacturers & Exporters of
Chemical Tanks & Fume Extraction Scrubbing System



OUR MAJOR PRODUCTS

- Polypropylene (PP) / PP + FRP/PVDF / PVC / HDPE Tanks
- Pre-treatment & Post-treatment Line for Galvanising Plants
- Wire Pickling Lines / Tanks
- Coil Pickling Lines / Tanks
- Pipe Pickling Plants / Tanks
- Electroplating / Anodizing Plant / Tanks
- Acid Fume Scrubbing & Exhaust System
- Zinc White Fume Scrubbing & Exhausting System
- Pickling Plant / Line and tanks for Stainless Steel (SS), Mild Steel (MS), Aluminium, Brass, Copper etc. for Ferrous & Non-Ferrous materials
- Chemical process tanks & vessel
- Chemical storage tanks
- Customized storage tanks
- Industrial Water storage tanks
- Battery Formation tank



The Green Future



WHY "ANTICOR...?"

ANTICOR OFFER WORLD CLASS TANKS DESIGNED ON "RITA" ENGINEERING PROGRAM MODULE BEING INTRODUCED IN INDIA BY "ANTICOR"

- ◆ TANKS PRODUCED WITH WORLD CLASS MANUFACTURING PROCESS WITH EUROPEAN TECHNOLOGY. TANK HAVE BEEN INTERNATIONALLY RECOGNIZED AND APPROVED DURING "WIRE & TUBE" AT DUSSELDORF OF GERMANY AND CHINA.
- ◆ TANKS ARE WELDED WITH MOST MODERN RELIABLE WELDING TECHNOLOGY (BUTT SURFACE FUSION PRESS AND HOT GAS EXTRUSION PROCESS) ASSURES SUPERIOR WELDING INTEGRITY.
- ◆ ANTICOR HAVE THEIR STAFF TRAINED ABOARD TO GET FIRST HAND WELDING TECHNOLOGY.
- ◆ "ANTICOR POLYPROPYLENE TANKS ARE REINFORCED BY MASSIVE STEEL SUPPORT STRUCTURE TO ENABLE TANK TO TAKE LOAD UP TO 10 TONS.
- ◆ ANTICOR TANKS ARE INSPECTED & TESTED IN TERMS OF HYDRO TEST, HIGH FREQUENCY SPARK TEST, VACUUM LEAKAGE TEST. WELDING JOINTS ARE SUBJECTED TO 3 POINT BEND TEST AND IMPACT RESISTANCE TEST.
- ◆ ANTICOR HAS CAPABILITY OF PRODUCING TANKS UP TO 50 METERS LONG.
- ◆ WELDING IS CARRIED OUT AS PER DVS 2205 STANDARD LAID DOWN BY GERMAN WELDING SOCIETY.
- ◆ ANTICOR IS FIRST COMPANY TO INTRODUCE AUTOMATED HOT GAS EXTRUSION AND BUTT SURFACE FUSION WELDING TECHNOLOGY IN INDIA.
- ◆ ANTICOR HAS PRODUCED SOME OF THE LONGEST POLYPROPYLENE TANK IN THE WORLD MADE OUT FROM 50 MM THICK POLYPROPYLENE.
- ◆ ANTICOR HAS PRODUCED MORE THAN THOUSAND OF TANKS DIFFERENT SIZES & VARIETY.
- ◆ ANTICOR ORGANIZATION IS EMPLOYED WITH 80 TRAINED SKILLED PERSONNEL ENJOY WORKING IN 2200 SQ MTR OF MOST MODERN STATE-OF-THE-ART FACTORY AT AHMEDABAD.
- ◆ AVERAGE LIFE OF ANTICOR POLYPROPYLENE PICKLING TANKS ARE 15 TO 20 YEAR.
- ◆ STRESS NORMALIZATION IS CARRIED OUT AFTER THE THERMORADIUS AND WELDING PROCESS AGAINST STRESS FATIGUE FAILURE ENSURE LONGER LIFE.
- ◆ PICKLING PROCESS KNOW HOW AND TECHNOLOGY ARE OFFERED TO CUSTOMERS.
- ◆ ANTICOR HAVE AFTER SALES SERVICE DEPARTMENT AND HAVE DONE SERVICES AT CUSTOMER PREMISES.
- ◆ ENVIRONMENTAL ISSUES ARE EXTREMELY IMPORTANT TO US AT ANTICOR FAMILY AND THEREFORE ANTICOR OFFERS FUME EXTRACTION AND SCRUBBING SYSTEM TO CUSTOMERS.
- ◆ INTRODUCING FIRST TIME IN THE WORLD THE THERMOPLASTIC SURFACE FUSION TECHNOLOGY COMBINED FEATURE OF THERMO BENDING FOR MANUFACTURE OF WELDLESS RADIUS AT CORNER IN TANK MODULES TO ENHANCE MECHANICAL STRENGTH.



WHY “POLYPROPYLENE” IS SELECTED FOR MAKING OF PICKLING TANKS?

- **Why is polypropylene often the material of choice for plastic process equipment?**

Polypropylene is an inexpensive, tough, lighter in weight material that has excellent corrosion resistance. It is easily cut, machined, and welded into complex fabrications. It accommodates the service temperatures and solutions of most metal cleaning, pickling, and plating operations. It is inexpensive to maintain and it is readily modified and repaired.

- **What types of polypropylene are there?**

There are two primary types of polypropylene: Homopolymer and Copolymer. Homopolymer polypropylene is the most common material used. It has a higher tensile strength than copolymer polypropylene and it is less costly. Copolymer polypropylene has higher impact strength but lower tensile strength. It is used for batch tanks that are impacted by the load, for strip tank covers that are handled a lot, and for applications that may be subjected to mechanical abuse.

- **Is polypropylene flame retardant?**

There are flame retardant grades of polypropylene available. These have various UL ratings. They are more expensive and, because of the addition of the flame retardant fillers, they have lower physical properties and fabricating qualities. Anticor has developed PPS flame retardant clad copolymer polypropylene. This material has two outside skin sheets of flame retardant polypropylene that are co extruded onto a center core of copolymer polypropylene. Thus providing a composite that is a tough material with flame retardant exterior surfaces.

- **Is there a design standard for thermoplastic fabrications?**

There is no United States design standard. However, ANTICOR uses the German thermoplastic design criteria in the DVS-2205 along with a finite element stress analysis that we have developed. The DVS-2205 specifies the design criteria based on the design temperature, creep modulus, allowable weld strengths, corrosion factors, etc. All polypropylene designs are engineered to meet the required service conditions using our conservative methods.

- **What is the maximum temperature that polypropylene can withstand?**

Engineering and design criteria is available that permits the design of polypropylene equipment up to 100° C (212° F). ANTICOR has designed tanks for hydrochloric acid pickling that have been operating in this temperature range continuously since 1996. However, the maximum operating temperature is a function of the solutions in the tanks, the size (depth) of the tank, and the ability to reinforce the tank to keep the design within the allowable stress levels required. Because of the aggressive oxidizing effect of nitric/hydrofluoric acids, it is not recommended that this equipment be operated above 70° C (155° F). It is impractical to fabricate large diameter, deep cylindrical tanks at elevated temperatures because it is difficult to satisfactorily reinforce them.

- **What is the life expectancy for polypropylene equipment?**

Life expectancy is related to service and operating parameters of the equipment. There are polypropylene tanks in sulfuric acid pickling operations for over twenty years. We expect similar life expectancy from hydrochloric acid pickling lines. With good maintenance procedures, nitric/hydrofluoric pickling tanks should have up to fifteen years of life.



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WHY "POLYPROPYLENE" IS SELECTED FOR MAKING OF PICKLING TANKS?

- What can be done to accommodate the significant expansion and contraction of polypropylene?

Polypropylene expands about eight times as much as steel. ANTICOR has developed many innovative designs to accommodate this expansion. Long tanks have labyrinth seals or rubber and plastic expansion seals between sections. Where steel reinforcement is incorporated in the tank structure, it must be designed with sufficient clearance to permit the plastic tank to expand and contract. The wide variety of polypropylene fabrications in use today shows ANTICOR'S ability to control this problem.

- What means are used to protect polypropylene equipment from mechanical damage and abuse?

Depending on the application various methods are used to protect the plastic tanks. For strip pickling lines using sulfuric or hydrochloric acids we use granite skids, side guides, and weirs. For nitric/hydrofluoric service we encapsulate corrosion resistant steel bars in polypropylene tubes. For batch tanks we often use solid polypropylene cradles to support the load and to keep the load away from the tank walls and bottom.

- How are repairs and modifications made to polypropylene?

Since polypropylene is weld able, thermoplastic equipment made from it is readily repaired or modified. Hand welding can be accomplished with simple welding techniques. Extrusion welding and fusion butt welding are used in our shop as the primary welding methods. Hand welding with multiple beads of weld is limited to areas that can not be extrusion welded and to field welding applications.

- What are the heat transfer and insulating qualities of polypropylene?

Polypropylene has excellent insulating properties. A typical 38mm (1-1/2") thick tank wall has equivalent insulating qualities to a rubber lined steel tank with two courses of acid brick. This means that additional insulation is not required for storage or recirculation tanks.

- What are the dielectric qualities of polypropylene?

Polypropylene also has excellent dielectric properties. Therefore, electrolytic applications are among the best uses for polypropylene equipment. There is no need to electrically insulate the tanks or the equipment in the tanks from the tank body. We have been advised that upon replacing steel tanks with our polypropylene tanks our customers have experienced up to 40% less current requirements. They have also experienced longer conductor roll and grid life.

- How does the cost of polypropylene equipment compare to traditional equipment?

In most cases polypropylene equipment is competitive with traditional rubber lined and bricked steel tanks. When carbon block lining and other exotic materials are required, polypropylene is less expensive. However, the real cost comparison must include all of the costs over the life of the equipment. In this case polypropylene equipment has proven to be far less costly than traditional materials. Our customers advise us that the long term maintenance costs of plastic tanks and equipment is significantly less.

- What are the advantages of replacing traditional equipment with polypropylene?

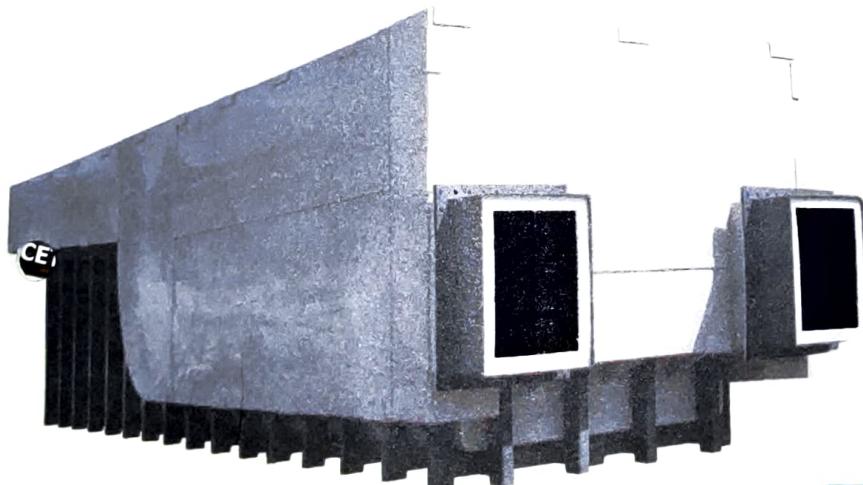
Polypropylene equipment offers lower overall cost, longer life, easy reparability, lighter weight, and less maintenance. The replacement of tanks is simplified and requires less down time than traditional equipment.

PRE & POST TREATMENT TANKS FOR GALVANIZING INDUSTRIES

- ➡ Degreasing
- ➡ Pickling
- ➡ Acid Pickling
- ➡ Rinsing
- ➡ Fluxing
- ➡ Quenching
- ➡ Passivation



100%
Leak Proof



- Clean working area
- Custom design according to size & weight
- Extremely corrosion resistant material
- Radius instead of right angle corner at the bottom
- Butt Fusion Welding used for joining Polypropylene U-profile having radius at bottom corners, First time in the World

Polypropylene(PP) Tanks
Manufactured as per
Tank Design Software
RITA 3.0

Roechling's Integrated
Tank Building Assistant

developed by

RÖCHLING + **TÜV NORD**
Engineering Plastics

Anticor Launches the First
THERMOPLASTIC TANK
& VESSELS

Design and Fabrication
code of practice in INDIA



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RÖCHLING + **TÜV NORD**
Engineering Plastics

- ➡ **Leakproof**
- ➡ **Non Corrosive**
- ➡ **Long Lasting**
- ➡ **Light Weight**
- ➡ **Easy to Clean**

- ➡ **Chemical storage Tank**
- ➡ **Customized Plastic Tank**
- ➡ **Industrial water storage Tank**
- ➡ **Chemical process Tank & Vessel**

User Industries:

- ➡ **Water Treatment Plant**
- ➡ **Effluent Treatment Plant**





PIPE / TUBE PICKLING TANKS

- Acid Pickling
- Degreasing
- Rinsing
- Fluxing
- Electroplating
- Anodizing
- Passivation



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Leak Proof

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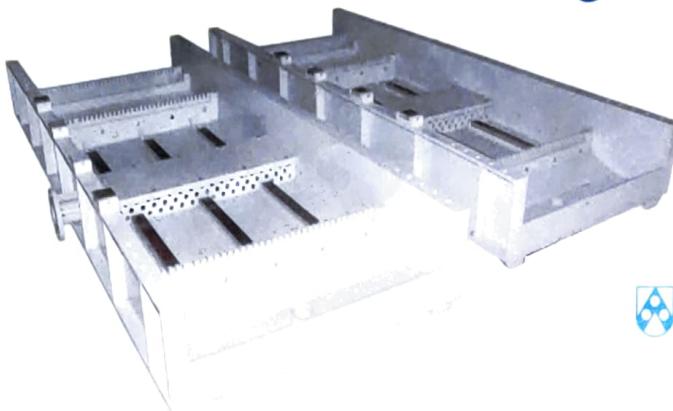
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Design and Fabrication
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WIRE / COIL / INLINE PICKLING TANKS



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Polypropylene(PP) Tanks
Manufactured as per
Tank Design Software
RITA 3.0

**Roechling's Integrated
Tank Building Assistant**

developed by
RÖCHLING + **TÜV NORD**

- Clean working area
- Environment friendly, Fume Free, Zero Maintenance
- Certified life with Chemical resistance
- Housed in Steel Structure covered with fiber-glass
- Butt Fusion Welding used for joining Polypropylene U-profile having radius at bottom corners, First time in the World

www.picklingplant.com





ACID FUME EXTRACTION & SCRUBBING SYSTEM

Plants designed for
HCL, H₂SO₄, HF, HNO₃
& Mixed Acid



www.picklingplant.com

- Clean Working Area
- Reduce Waste Disposal Cost
- Stop Corrosion of Crane & Roof Structure
- Increased Productivity
- Fumes are Condensed & Recycled
- Hygienic Working Atmosphere
- As per emission Regulations



The Green Future

ZINC WHITE FUME EXTRACTION & SCRUBBING SYSTEM



The Zing Performer



- Safety to Workers & Staff
- Protection to Production Equipments
- Stop Corrosion of Crane & Roof Structure
- Increased Productivity
- Hygienic Working Atmosphere
- As per emission Regulations



ACCESSORIES FOR PP TANKS & FUME EXTRACTION SYSTEM



PP SPREADER



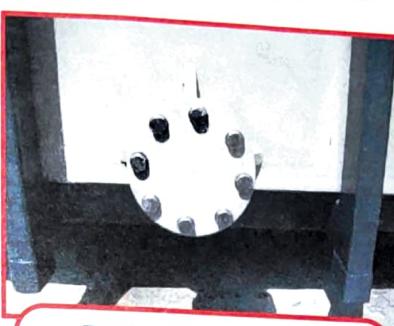
PP TRAY



PP RIBS



EXTRA CORNER PROTECTION



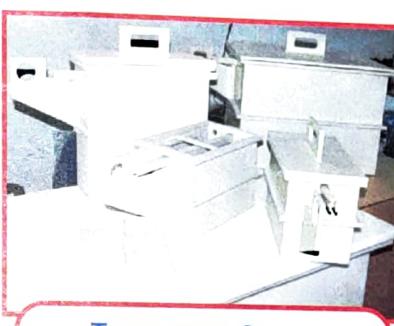
DRAIN CONNECTION



EXTRA PROTECTION ON LEG



PP BALL VALVE



TANK WITH COVER



PP COVER ON FRAME



STORAGE TANK



STORAGE BIN



PH METER

Many more
Accessories
like.....

- Heat Exchanger
- Tank having Built-in slope
- Circulation System
- Partition in Tank

- Air Agitation System
- PP Grating Floor
- Level Indicator
- SS Hardware



The Green Future

Kothari's

ACID PROOF™

- Acid Proof Tiles
- Acid Proof Cements
- Epoxy Coating & Flooring
- Mandana Stone Flooring

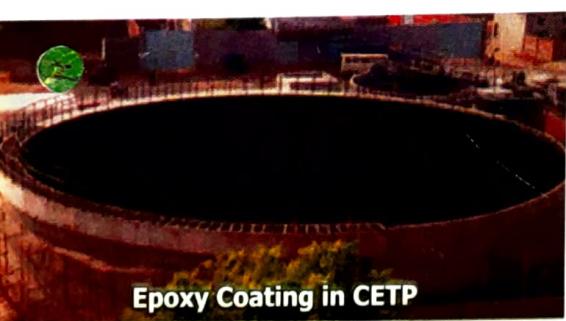
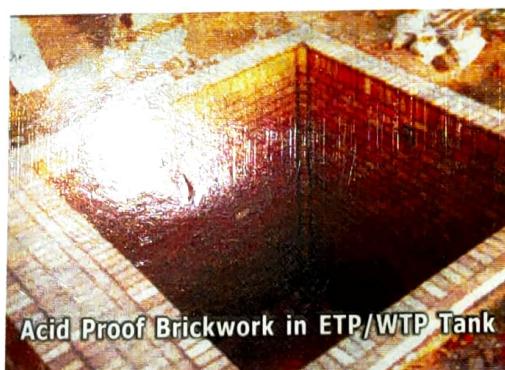
- Acid Proof Bricks
- Refractory Lining
- RCC Chimney Lining
- Acid Proof Joint Fillings

**We Undertake Contracts for Complete Acid & Alkali Proof :
Lining, Flooring & Coating Systems into :**



Acid Proof Brick work in Battery Rooms

- ◆ Battery Charging Room
- ◆ Effluent Treatment Plant
- ◆ Pickling Tanks
- ◆ Electroplating Floors
- ◆ Reaction Vessels
- ◆ Storage Vessels
- ◆ Acid Storage Yard
- ◆ Drainage System
- ◆ Process Floor Area...





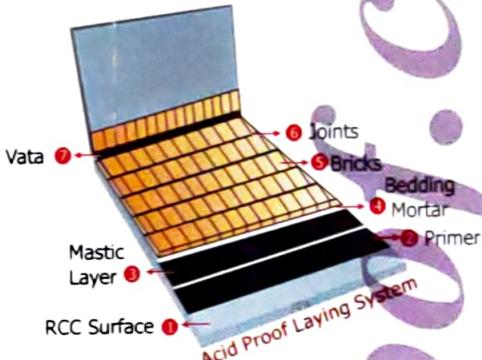
Acid Proof Tiles work on Plating Shop floor



Epoxy Floor Coating

We Undertake Turnkey Project Work for ACID & ALKALI PROOF :

- Brick Lining
- Mandana Stone Flooring
- Epoxy Lining
- Epoxy Grouting
- F.R.P. Lining
- Epoxy Flooring
- Refractory Lining
- Polyurathane Coating
- Tile Lining
- Mastic Flooring
- Epoxy Coating
- S.w. Pipe Jointing
- Anti Corrosive Coating
- Rubber Lining
- Carbon Tile Lining



We Serve Following Industrial Projects :

- Agro Food
- Aircrafts
- Auto Component
- Bottling
- Breweries
- Corn Products
- Dairies
- Electroplating Plants
- Explosives
- Fertilizers
- Galvanising Plants
- Metal Refinery
- Motor Vehicles
- Mineral Processing
- Oil Refineries
- Ordnance Factories
- Picture-tube Plants
- Petro Chemicals
- Power Plants
- Pharmaceuticals
- Rayon-fibre Plants
- Ship-yards
- Steel-tube Plants
- Sugar Plants
- Synthetic Fibre Plants
- Textile Plants
- Zinc Smelters



Acid Proof Brick Lining in MSRL vessel

WE MANUFACTURE & EXPORT Complete Range Of :

ACID & ALKALI PROOF : CEMENTS, RESINS, MORTARS, =>

- Furane
- K-Silicate
- Polyester
- Carbon-Filled Mortars
- Phenolic
- Epoxy
- Refractory
- Acid Proof Bricks & Tiles

- CNSL
- Sulphur
- Mastic

* Readily available following sizes of ACID PROOF : Bricks & Tiles :

=> 10 mm, 12 mm, 15 mm, 20mm, 25 mm, 38 mm & 75 mm thick.



KOTHARI CORROSION CONTROLLERS

Manufacturer, Exporter & Turnkey Contractors

Factory : Plot No.: 63, Gujarat Vyapari Maha Mandal Estate, Odhav, Ahmedabad - 382415. INDIA

Phone : Factory : 079 - 22902525, 22902626 Office : 079 - 26440531, 26461144

Fax : + 91 - 79 - 22902626, 26300019, 22902828

Mobile : 98 25 00 66 26 • Reliance Mobile : 93 27 00 57 77

E-Mail : info@acidproof.com, acidproof@yahoo.com, acidproof@rediffmail.com

Website : www.acidproof.com

A brief introduction to our company

Thermoset Polyproducts is found by one of the pioneers in the field of FRP and other Engineering Plastics. The founder is a Mechanical Engineer from V.J.T.I. and is backed with an experience of more than 3 Decades in the field.

In a very short span we have indigenously developed large size Windmill Components as import substitutes for

 Germany,  Denmark,  Holland.

Our company owns a plot with building in MIDC, Pawne Area where in the manufacturing facility consists of 18000 Sq.ft. working Area, Calibrated tools & tackles for fabrication and a 10 Tonne Gantry crane over the entire shed for easy lifting & shifting.

Qualified Chemical Engineers design various Chemical Equipments on cad and Skilled workmen under guidance of Experienced Engineers execute as desired. Our works and workmanship have both been approved by consultants of very high esteem.

Quality Assurance : Every supply batch of Raw materials is used only after in house testing or testing from recognised external agencies. Internal Inspection at various stages of manufacturing helps us to maintain our quality standards.

Our sincere efforts, hard work, integrity and consistency helps us win the confidence of our customers.

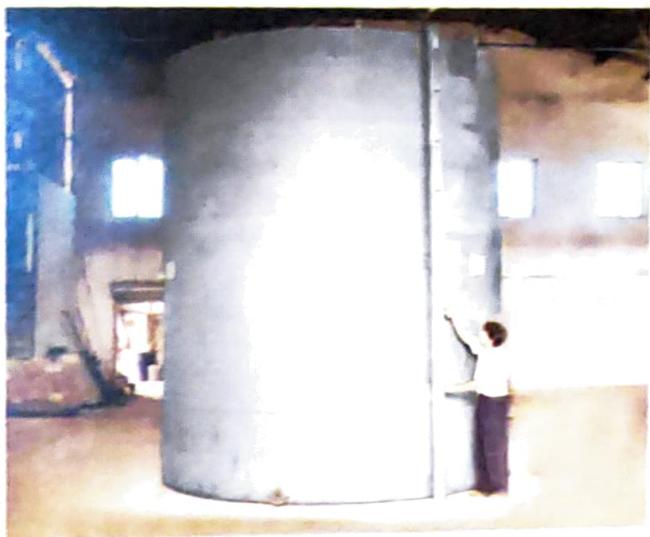
Our range includes Design, Fabrication, Erection & Commissioning of:

- 1) Storage Tanks of any Capacities.
- 2) Pressure / Vacuum Vessels with Agitator assembly.
- 3) Reaction Vessels with heating/cooling arrangement under Vacuum & Pressure conditions.
- 4) Entire Exhaust Systems inclusive of Blowers, Ductings, Scrubbers, Demisters, Cyclones, Self Supporting Chimneys etc. We are one of the rare in the field who design Blowers to give correct specifications.
- 5) Anticorrosive lining as per customers requirement.

We generally follow B.S. 4994 and other relevant standards for designing.

R & D : We have a very active R & D department and are regularly updated with the developments in the field of FRP and other Engineering plastics worldwide.

STORAGE TANKS



Most Common Cylindrical, Vertical with Flat bottom and Conical top Tanks are used for bulk storage of chemicals as they are economical, occupy minimum floor space and require only plain RCC platform for mounting. These Tanks are designed for full ground support.

Alternatively Cylindrical Horizontal Tanks with Dish ends get lesser preference due to higher cost, more floor space, special saddles for mounting. These are used in plants which have height restrictions.

PROCESS VESSELS



Cylindrical, Vertical, Conical bottom and Conical top Vessels with MS ring & lugs embedded in FRP for mounting on ISMC channels or platform. This particular Vessel made in PP/FRP. Alternatively these Vessels can be made in FRP, PVC/FRP, CPVC/FRP, PVDF/FRP, ECTFE/FRP etc. Suiting to the reacting chemicals and temperature.

REACTION VESSELS



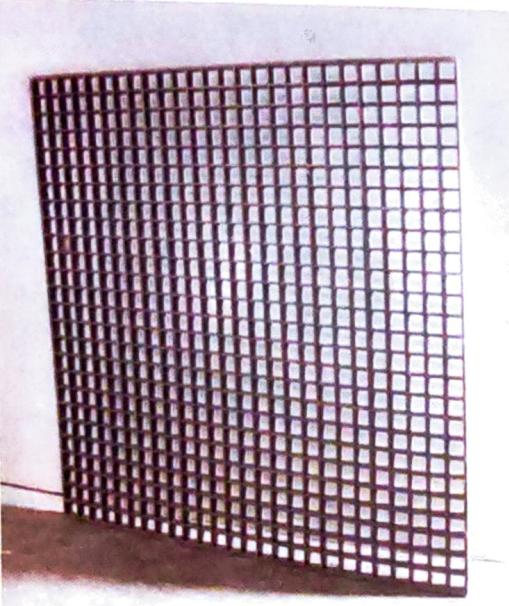
Cylindrical, Vertical Agitator assembly vessel along with complete Stirring arrangements in PVC/FRP with stirrer, mechanical seal, motor and gearbox. The same can be designed and fabricated having conical bottom. Various materials like FRP, PVC, CPVC, PP, PVDF, ECTFE, etc. can be used suiting to the reacting chemicals and temperature conditions.

PRESSURE/VACCUUM VESSELS



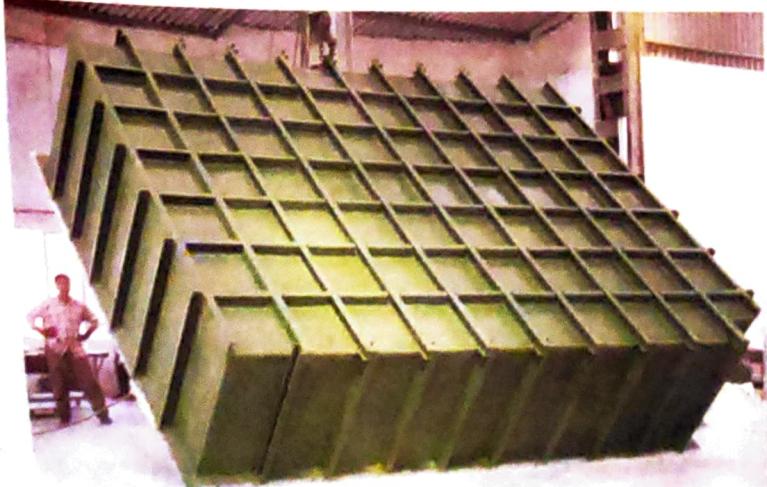
We design Pressure/Vaccum vessels for any highest pressure and full vacuum out of FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP, etc. These vessels are particularly of 3 kl capacity for 3 kg/sq.cm working pressure.

FRP GRATING



Normal Square Pattern type are made for loads up to 1.5 tonnes per sq.mtr. For higher loads the Honeycomb design is preferred. These can be made in FRP using Isophthalic, Bisphenol or Vinyl ester resin depending on nature of Chemical & Temperature. Spillage of Chemicals is also taken into consideration while selecting material of construction.

RECTANGULAR/SQUARE PROCESS VESSELS



6 mtr x 6 mtr x 1.5 mtr ht. vessels supplied to one of our clients for their Effluent Treatment Plant. These can be designed and fabricated by us in FRP, PVC, CPVC, PP, PVDF, ECTFE, etc. Similarly large rectangular Pickling Tanks are designed and fabricated by us in above materials suiting to reacting chemicals, abrasion, impact, and temperature conditions.

VACUUM NUTSCHE FILTER



2.44 mtr dia x 1.52 mtr height Vacuum Nutsche Filter made out of FRVE (using Vinylester resin) for full vacuum. Similarly other Resins or different Engineering Plastics can be used for specific requirements.

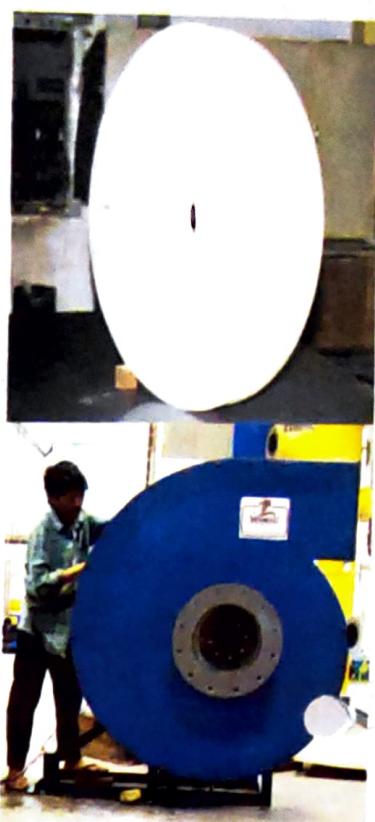
DUCTINGS & PIPINGS WITH FITTINGS



Custom made Pipings can be made in required sizes and pressure specifications. All fittings like Flanges, Bends Tees, Elbows, Reducers, Stubends etc. can be made suiting to the pipe bore. All these Pipings & Fittings can be made in FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP depending on reacting chemicals & temperature conditions as per ASTM standards or any other standards specifications also.



Entire piping and ducting fabricated and installed at different sites along with cyclones and headers helping the process flow smoothly. These piping can be made in various materials such as FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP as required.



Various Scrubbing Systems designed and installed at different sites giving the right PPM levels as per norms.

We design Plate type, Packed Bed type, Venturi type of Scrubbers; Cyclone for separation of Dust particles and Headers for Connecting Ducts from various Vessels to a single outlet. Blowers can be designed for very high CFM and very high Pressure. All these items can be made in FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP etc. depending on the chemical fumes & its temperature.

PP/FRP Blower with complete PP Impeller

DRYING TOWERS



Chlorine Drying Tower of 850 mm dia x 15 mtr. ht. in PVC/ FRP made for 0.2 kg/cm² pressure at ambient temperature. These towers can be made in FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP, etc. depending on reacting chemicals and temperature conditions.

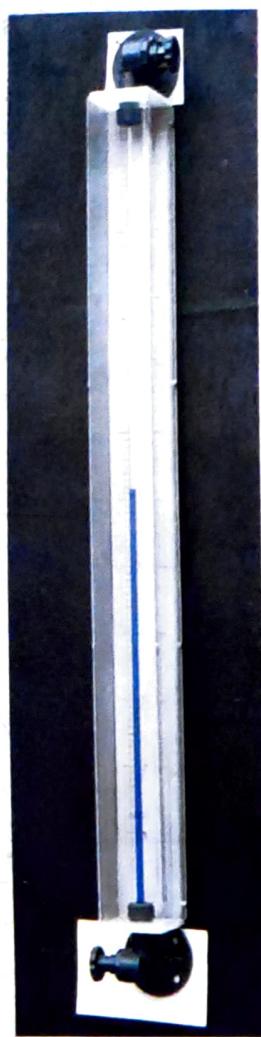
CHIMNEYS/STACKS



2 mtr dia x 15 mtr ht. self supporting FRP chimney designed for wind speed 300 miles/hour and supplied to M/s. B. A. R. C. The can also be made in FRP, PVC/FRP, CPVC/FRP, PP/FRP, PVDF/FRP, ECTFE/FRP, etc. depending on reacting chemicals and temperature conditions.

LEVEL INDICATORS

AGITATORS/STIRRERS



100% Corrosion free PP Level Indicators with PP Valves and a well protected glass tube. Level Indicators can be custom made depending on CC distance and flanges for the Valves can be given as per required table Standard.



This particular one is a Turbine type in M.S. with PVDF lining. Similarly depending on reacting chemicals & temperatures Turbine type, Anchor type, Paddle type, Gate type, Propeller type and other's can made in FRP, PVC, CPVC, PP, PVDF, ECTFE, M.S., S.S., Etc.

TROLLEYS



This Trolley is made for a load of 750 kg Alluminium Hydroxide. Same can be designed for desired load capacity using UHMWPE wheels for longer life. Trolleys can be made in FRP, PVC, CPVC, PP, PVDF, ECTFE etc. & required stiffning can be given depending on the loading capacity.



PROFILE :

1985 saw the inception of **M/S SURVARNA FIBREGLASS ENGINEERS** for manufacture of FRP Fibreglass Reinforced Plastic mouldings by Mr. P.I. Varghese now the Managing Director of M/s. Suvarna Fibrotech Pvt. Ltd. but then only a budding technocrat venturing into the unchartered oceans of 'enterpreneurship'. *Mr. D. Varghese*

PROGRESS :

With little more than four workers but lot of determination and an opening capital of Rs. 25,000/- Mr. Varghese nevertheless secured prestigious and rewarding orders for his brainchild. The products FRP Helmets, Chairs, Water and Chemical Storage Tanks and assorted Furniture items.

SUVARNA FIBROTECH PVT. LTD. came into existance in 1989 at the industrial Estate at Bhosari. The company now operates with a workforce of over 200 with an expected turnover of Rs. 10 crores in the financial year 1996-97.

PRODUCTS :

FRP is the wonder material used extensively in various fields of applications viz : Aerospace, Automobiles, Chemical equipments, Industrial components, Sanitary and building items etc. FRP as it is popularly known can replace some of the existing components profitably and without loss of quality or performance.

OUR RANGE OF PRODUCTS ARE LISTED BELOW :

1. **AUTOMOBILE BODIES AND ACCESORIES IN FRP FOR BAJAJ, MAHINDRA AND TELCO RANGE OF VEHICLES**
2. **CHEMICAL EQUIPMENT** : Storage tanks of large capacity out of FRP, PVC/FRP, PP FRV/FRB. Reaction Vessels of large sizes can be designed for limited applications. It is possible to design vessels for full vacum conditions as well as up to pressures as high as 10 kg/cm². Our product also include pipe line, ductings, chimney, vapour hood etc.



3. **FRP BUNK HOUSE** : We undertake manufacture of FRP Cabins (Portable) with M.S. frame and Alumn Chequered Plate or Marine Plywood. Also modular type & multipurpose cabins of any size & colour.
4. **CHEMICAL RESISTANT LINING** : We undertake lining of M.S. Wooden of Concrete tanks with FRP, FRB, FRV, PP, PVC, EPOXY etc. Similarly this type of lining can be provided to structures and buildings against chemical corrosion.

Antiskid, acid/alkali proof flooring/alkali resistant tiling, using Epoxy pointing material and ceramic tiles. Polyurethane coating for Sugar and Chemical Industries.

5. **FRP COLLING TOWER** : We have designed FRP Cooling Towers in attractive shape, with capacities ranging from 5 TR to 100 TR. We have plans to design cooling Tower up to 300 TR capacity.
6. **SANITARY WARE** : By way of diversification, the company has started manufacturer of synthetic Marble & Granite Sanitaryware viz. Bath - tubs, Wash - basins, Panels etc.
7. **CIVIL CONSTRUCTION ITEMS** : FRP Domes, Cornice Moulds, Column Moulds, FRP Roofing Sheets & Roofs, FRP Shutters & Doors, Water Storage Tanks, etc.
8. **ELECTRICAL APPLICATIONS** : FRP Control Cabinets, Electrical Panels etc.

We can design and manufacture any other item in FRP as per customer's specifications.

PERFECTION : (QUALITY ASSURANCE)

Zero defect/Quality conscious culture development which is a continuous process to ensure quality and full satisfaction to our worthy customers.

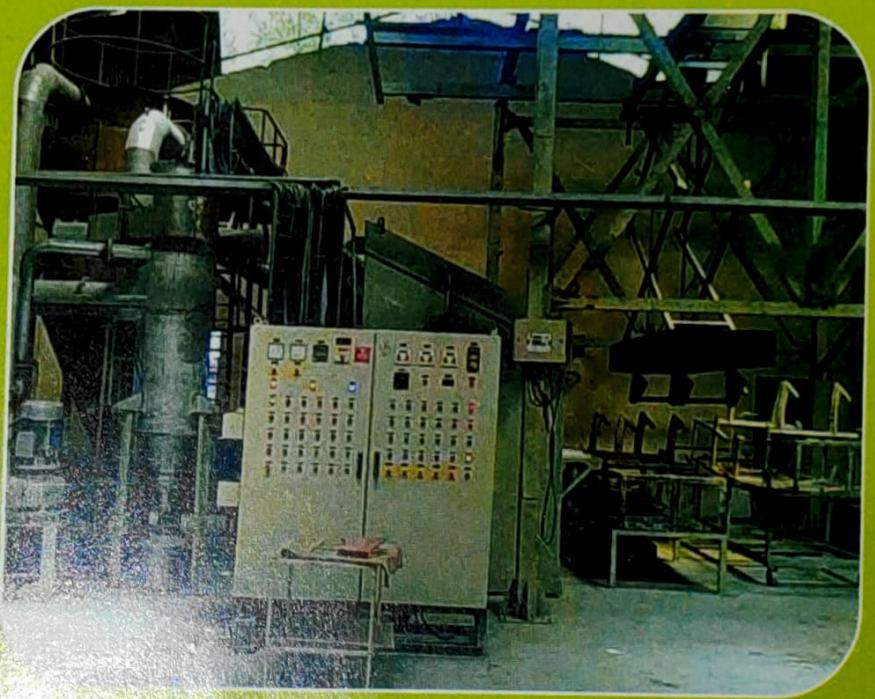
PROJECTS :

We now earnestly desire to upgrade our technology for Quality, Quantity & Economical production by introducing RTM Technology Resin Transfer Moulding.

Our R&D is actively engaged with trials and we shall approach you at the right time.

ULTIMATE

ENVIRONMENT
&
HEALTH
SAFTY
&
COST EFFECTIVE



INCINERATOR



UNSAFE & RISKY



JIG



ADVANCE PROCESS

To fulfill the requirement of ISO14001&OHSAS.18001 is only

ULTIMATE