

**Air Pollution Control Systems  
Formation Solutions For Lead-acid Battery**



**RP AIR SOLUTIONS**

**WE CLEAN AIR**



## COMPANY PROFILE

**RPAIR SOLUTIONS** Specializes in integrated solution provider for turnkey Air Pollution Control System & Ventilation Systems.

We are expertise in the Design, Manufacture, Installation & service for Air Pollution Control Systems.

Our focus is to provide Energy efficient, Durable & serviceable systems that will produce the absolute best quality systems.

Each project is customized based on the understanding of the present and future requirement of the customer and delivered on a turnkey basis with performance guarantee at optimum capital cost.



## OUR STRENGTH

Understanding Industry, Customer application

In house design and engineering

Civil and structural support

Layouts, Ducting and Piping

Electrical, Instrumentation and controls

Commissioning and validation for performance guarantees



## WE ARE IN TO

- Fume extraction systems
- Dust extraction system
- Unit dust collectors
- Fresh air ventilation system
- PP, PVC, FRP, SS, MS tanks / tubs
- Acid resistant thermoplastic lining



## FUME EXTRACTION SYSTEM

- Customized Suction Hood based on Fume Capture, Carrier Velocity and Charging Operation
- Ducting main header and branch ducts with Optimized Pressure loss.
- Fan & Scrubber Selection based on nature of Fumes
- Fume Extraction System with various MOC: MS, MS+FRP, SS304, SS316, PP, PP+FRP, PVC, FRP Moulded





# FUME EXTRACTION SYSTEM





# FUME EXTRACTION SYSTEM





## DUST EXTRACTION SYSTEM

- System Design based on Dust Capture & Carrier Velocity, Suction Point Hood Design
- Duct Size & Routing for optimized Pressure loss.
- Optimized Bag Selection based on Nature of Dust
- Superior Construction of Bag House , Cyclone for better performance and easy maintenance.





## FRESH AIR VENTILATION SYSTEM

- Fresh air supply and return air system.
- Evaporative cooling system.
- Industrial air cooler & AHU
- Restaurants and commercial Air Coolers

Selection of Method of Conditioning based on ambient condition of the location throughout the year and Process requirement.





# FRESH AIR VENTILATION SYSTEM





## BATTERY CHARGING TUBS AND CONVEYORS

- Customized Tubs for Battery Charging based on Size and Type of Battery Manufactured.
- Rollers in PVC and UHMWPE Bush and SS316 LPins /Rods.
- Optional Tub Stand in MS with PVC or FRP Lining
- Roller, Modular belt conveyors for battery /material movement





# BATTERY CHARGING TUBS AND CONVEYORS





## STORAGE AND PROCESS TANKS

- PP, PVC, SS, MS, FRP Storage tanks
- PP + FRP Tanks for Electroplating Industries with Air Agitation system
- HDPE, PVDF Tanks





# STORAGE AND PROCESS TANKS





# STORAGE AND PROCESS TANKS





## ACID RESISTANT THERMOPLASTIC LINING

- Specialists in Heavy Duty Industrial Corrosion containment for Civil and Mechanical structures.
- Resistant to strong Mineral Acids, Alkalis, Corrosive electrolytes and other inorganic compounds.
- Excellent wear resistance and impact strength
- No Chaffing or cracking even after years of regular field
- No Curing Time.
- Starting range our products are from 2 mm to 7 mm thick



## ACID RESISTANT THERMOPLASTIC LINING

Dependable and fail-safe performance from the lining even under aggressive field conditions, both in terms of harsh chemical media and heavy wear and stress, the potential life will be 10 years and more.





## OTHER RANGES

### Electro Plating Plants

- Semi-automatic and Manual plants for gold, silver, chrome, zinc, nickel, etc.
- Storage tanks in PP, PVC, FRP, MS and SS.
- Specially designed chrome tanks
- Fume cupboards.
- Working stations, buffing & lug cutting stations
- Pneumatic conveying system.
- Concrete protective lining



# OTHER RANGES





## QUALITY ASSURANCE

We are Equipped with Following Machines

- MIG Welding Machine
- TIG Welding Machine
- ARC Welding Machine
- Plate Rolling Machine
- Plastic extrusion welding
- Drilling machine
- Shearing machine





# FACTORY FACILITY

We have a Factory Setup of 3500 Sqft  
And office of 500 sqft Area

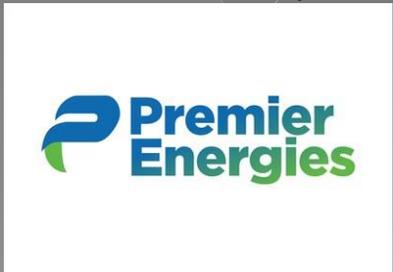




# OUR CLIENTS



AMARA RAJA  
Gotta be a better way





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