



GLOBAL CONSULTANTS & ENGINEERS

PROFILE



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We take the assignment of ETP/STP (based on Physico-chemical, FAB, SAFF and SBR technology), WTP, RO, ECS etc. on turnkey basis.

Industrial Waste Water Treatment Systems

- Tube settler
- Dissolved Air Floatation Unit (DAF)
- Corrugated Plate Interceptors (CPI/TPI)
- Lamella Clarifier
- Sludge Filter press
- Pressure sand filter
- Activated carbon filters
- Dual media filter
- Industrial Water Softener
- Effluent treatment chemicals
- FRP vessels, tanks etc.
- PP vessels and tanks

Industrial Air Pollution Control Systems

- Wet scrubber
- Cyclone dust collector
- Bag filter
- Venturi scrubber
- Centrifugal / rotary air blower
- Hood & ducting

Rain Water Harvesting Systems

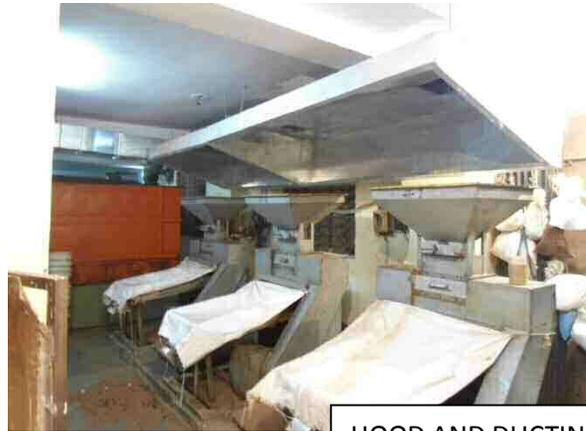
Design, material estimation and construction



Arrangement of hood, Duct, scrubber and stack for control of indoor air pollution in various industries like grinding, buffing, aluminium smelting units.



WET SCRUBBER WITH CHIMNEY



HOOD AND DUCTING



CYCLONE DUST COLLECTOR

ETP PHOTOGRAPHS



Nature of effluent varies from one industry to another. Effluent parameters are different for different industries. According to the parameters of effluent, quantity of effluent system and application of treated water a system is designed. We have designed ETPs in such a manner that they are user friendly, easy maintenance cheap in operation.



DISSOLVED AIR FLOATATION UNIT

Dissolved air flotation (DAF) is a water treatment process that clarifies wastewaters (or other waters) by the removal of suspended matter such as oil or solids. The removal is achieved by dissolving air in the water or wastewater under pressure and then releasing the air at atmospheric pressure in a flotation tank basin. The released air forms tiny bubbles which adhere to the suspended matter causing the suspended matter to float to the surface of the water where it may then be removed by a skimming device



Corrugated Plate Interceptors (CPI)

Corrugated Plate Interceptors (CPI). CPI works on the principle of Stoke's law and has capacity of removal of oil upto 90%. CPI allows the effluent to pass through a plate pack which decreases the turbulence in flow and helps the oil to rise above surface. From the surface it spills in the oil tank which is integrated in the CPI tank. The oil free water eventually comes out from the outlet.



Internal arrangement of CPI





Effluent Treatment Plant for a Leather Processing Unit



Sewage Treatment Plant For a Hospital

RO SYSTEM PHOTOGRAPHS

