

CHIRAG TECHNOPRODUCTS AND CONSULTANTS

Sewage Treatment Plant.

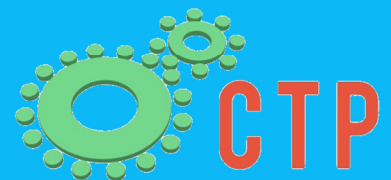
Grey Water Treatment Plant.

Effluent Treatment Plant.

Water Treatment Plant.

Process Water Treatment.

Rain Water Harvesting



Waste Water Treatment Plant

We design ,mfg. ,install and commission domestic and industrial waste water treatment plants. We offer our services on turnkey basis right from project consultancy, Execution up to Implementation and fulfilling statutory requirements as per need.

Capacity offered— 1KLD to 5000KLD.

◆ Sewage Treatment Plant -

Sewage generated from residential and commercial establishments is treated using Biological Nutrient Removal Process and treated water is recycled for cleaning, gardening and flushing

We offer following Treatment Methodologies

MBBR – Moving Bed Bio Reactor.

FMBR – Fluidized Media Bio Reactor.

SBR – Sequential Bio Reactor.

SAFF : Submerged Aerated Fixed Film.

MBR –Membrane Bioreactor.



◆ Industrial Effluent Treatment Plant -

Effluent generated from industries is treated by physical, chemical and biological processes. The treated effluent is further reused for Industrial process/non drinking applications. The ETP Plant works at various levels and involves various physical, chemical, biological and membrane processes to treat waste water.

Treatment Methodology involves -

- ◆ Acids/Alkali neutralized to correct the pH value.
- ◆ Removal of unwanted solid impurities
- ◆ Oil, Grease, Color and odor removal.
- ◆ BOD, COD, enhancement.
- ◆ ZLD to remove dissolved impurities.



We offer plants in civil Construction, Pre-fabricated or Containerized or Skid Mounted in MS/ FRP/HDPE.

The choice of MOC and footprint depends upon capacity of the plant.

Fresh Water Treatment Plant

We offer all types of fresh water treatment plant. The water sourced may contain hazardous levels of Nitrates, Chlorine, Iron, Mercury, lead and mineral salts. Sometimes it may contain pathogens and harmful Bacteria.

This water needs to be purified before used for storage OR application like Drinking, Industrial Process, Agriculture, Utility etc.

Purification method depend upon raw water input and quality of output water required.



- ◆ Water Softening Plants.
- ◆ Sand carbon Filtration Plant.
- ◆ D. M. Water Plant.
- ◆ RO Plant.
- ◆ Ultra filtration plant.
- ◆ UV/Ozone treatment Plants.



We offer WTP plants at various capacities in civil Construction, Pre-fabricated or Containerized or Skid Mounted in MS/FRP/HDPE.

Rain Water Harvesting

Rain water harvesting is simple, reliable and easily adoptable method for water conservation. There is rise in urban/rural water demands due to Natural imbalance & uncertainty of rain-fall, dense population density etc. RWH is counter method to resolve water scarcity and flood

Rain water is conserved in following type of systems

- ◆ Rooftop Rain Water Harvesting System
 - For individual Homes, Terraces & Industrial sheds etc.
- ◆ Surface Rain Water Harvesting system
 - For open area/premises of the plot.



We Offer Our Expert Services In RWH Project Implementation By Following Ways.

- ◆ RWH project feasibility and assessment report by site survey, consultancy, planning.
- ◆ Turnkey RWH project work for existing buildings.
- ◆ Supply of various Rain water harvesting filters as per requirements and applications.

Annual Maintenance Contracts and Services

We provide Repair, Maintenance, Retrofitting Services for Existing Treatment Plants.

We also undertake AMC (Fully comprehensive , Non comprehensive) for existing in operation plants.

Unique Features -

- ◆ Team of skilled operators & Engineers equipped with safety gears.
- ◆ Detailed in house engineering for existing plant treatment scheme/ type.
- ◆ Std. log sheets and service reports provided for recording activities



Project Engg. And Environment Consultancy Services

We offer our Domain technical expertise and years of Industrial Experience to Formulate, Manage and Control the Project Life Cycle— from Project Design To Execution.

We also provide Environment Consultancy in-

- ◆ MPCB Liaoning.
- ◆ Consents & Environmental Statement.
- ◆ Environmental Audit.
- ◆ Operator /Staff Training and awareness programee.



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