



WATER AND WASTE WATER MANAGEMENT

INNOVATIVE CUSTOM DESIGNED AND BUILD INDUSTRIAL TREATMENT PLANTS

TOSL has expertise & capabilities in providing Industrial Wastewater Treatment Solutions for:

- Distilleries
- Beverage
- Pulp & Paper
- Petrochemical Plants
- Oil & Gas Industries
- Chemical Processing Plants
- Breweries
- Meat Processing
- Sugar Processing
- Pharmaceutical
- Palm Oil Processing
- Dairy
- Food Processing
- Metal Processing
- Refineries
- Power Plants
- Yeast Processing

Municipal Waste System would include:

- Pre Treatment
- Biological Treatment using:
 - Activated Sludge Process
 - SBR
 - MBBR
 - Bio Filters
 - Biological Nitrogen Removal (BNR)
 - Biological Phosphorus Removal
 - Sludge Treatment and Dewatering
 - Tertiary Treatment for Reuse Quality
 - Instrumentation and Controls
 - SCADA & Telemetry Systems





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SEWAGE & INDUSTRIAL WASTE TREATMENT

TOSL caters to both municipal and industrial segments by supply & implementation of projects and systems as listed below:

- Modular, compact package type wastewater & sewage treatment plants
- Small community, municipal sewage treatment by adopting different technologies to meet discharge requirements or to generate reuse quality water for industrial or irrigation sectors
- Industrial wastewater treatment systems—by adopting most suitable treatment depending upon the influent Chemical Treatment, Aerobic Pretreatment for high BOD and COD waste; Aerobic Treatment, Tertiary Treatment for Recycle Reuse or zero discharge Systems
- Renewable bio-energy systems, utilization, purification of bio-gas for utilization as a fuel suitable in boilers, gas turbine, or other suitable application like fuel for fork lifts etc. in the industry

RECYCLE, REUSE AND ZERO DISCHARGE SYSTEMS

TOSL offers advance treatment for both municipal and industrial segments to reuse and recycle quality water generation. Systems offered are:

- Membrane Systems like UF, Nano & Ultra Filtration
- De Mineralization Units
- Electro Oxidation System
- Multi-effect Evaporation for Zero Discharge
- Disk type RO units for cleaning high TDS, Silica, BOD and COD for high rate of recovery

Waste water treated by our system can be reused as process water, make up water for cooling plants, boiler feed water, and irrigation purposes.



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