

EFFLUENT TREATMENT PLANTS FOR INDUSTRIAL WASTE WATER



ISO 9001:2008
BUREAU VERITAS
Certification



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About Gala

We measure success in terms of customer satisfaction. It is this philosophy that has made Gala, India's largest & the most efficient finishing system manufacturer. Our mass finishing solutions are tailored to suit the ever increasing demands of modern manufacturing environment & not driven only by a standardized product line. This approach has driven us from manufacturing standardized machines to providing customised solutions suitable for particular product & production requirement.

- Experience of 2 decades
- Over 4000 finishing systems working satisfactory in India and abroad
- 24X7 service helpline
- Focus on innovation & research
- 20,000 sq feet for R & D and engineering

Our Team

- 30 years of ETP Design & Operations Experience
- Environmental Management System development
- Experience of more 200 installation across various industry segments

Gala Offerings

Effluent Treatment Plant

ETP comprise of Flash Mixer, Flocculator Tank, Primary Tube Settler, Bioreactors, MGF, ACF as required. The product received after this then can be treated by RO and can be reused.

Water Filtration & Recirculation System

The contaminated liquid (chemically added water) from vibratory machine is drained to the liquid storage tank through paper/compact band filter. The liquid is pumped by means of open impeller type centrifugal pump & passed through cartridge filter for final filtration. The filtered water is supplied back to vibratory machine. The solenoid valves are provided for backwash arrangement.

Filtration/ Softening/ DM Plant

Filtration system are used to remove Suspended solids from source water. The various types of Filtration Systems are Pressure Sand Filter, Activated Carbon Filter, Iron Removal Filter, Micron Cartridge Filter, Multi Grade Filter, Bag Filter, Disk Filter. This filtration system can be given in FRP/ MSEP/ MSRL/ SS. Water Softening, Demineralization & Mix Bed Systems : Softening, DM & MB are Ion Exchange Resin based technology. Standard Softeners are available as DOWN or UP flow type. The system is supplied with necessary brine solution preparation tank for regeneration of the softeners.

Reverse Osmosis Systems

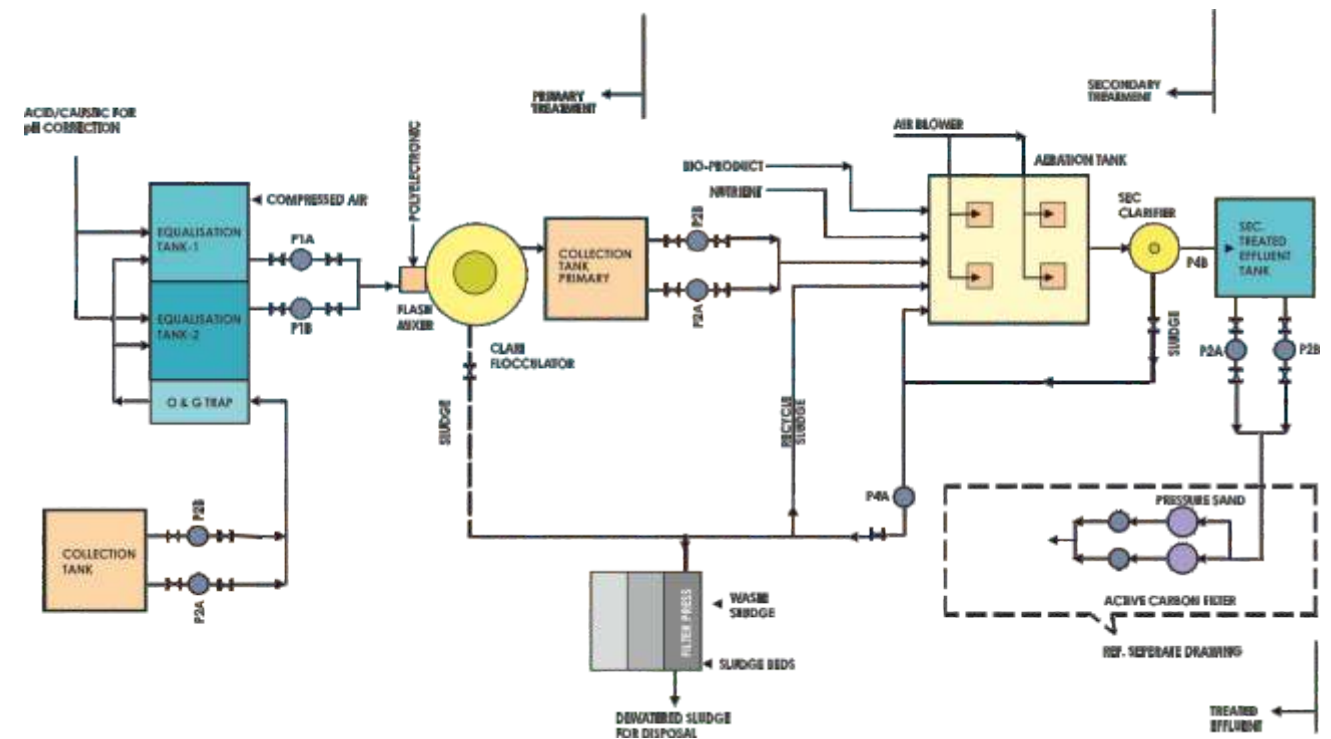
The technology can treat tap, brackish, sea and waste water to produce specific treated water quality to suit various applications. The packaged models are standardized to suit various industrial applications.



Example of input & output for Waste Water Treatment

PARAMETERS	PCB	ACHIEVABLE
pH	5.5 - 8.5	7 - 8
Suspended Solids	100	10
Metal Ions	Specific	Below Specific
Oil & Grease	10	< 2
COD	250	100
BOD	100	< 30
TDS	2100	Achievable if RO is incorporated depending on influent TDS & reactant chemical additions

System Diagram of Industrial Waste Water Treatment





Water Recirculation System for Auto Components



Industrial Waste Water Treatment for Heavy Engineering



Effluent Treatment Plant for Electronics



Reverse Osmosis Plant for Automotive OEM



Industrial Waste Water Treatment Plant for Defense

Effluent Treatment Plants for :

- Engineering
- Automotive
- Electronics
- Defense
- Power
- Steel & other industries



Industrial Waste Water Treatment & Recycling Plant for Engineering



Industrial Water Treatment Plant for Power Industry



Reuse Water System for Effluent in Steel



Ultrafiltration for Producing Process Water for Automotive



Effluent Treatment Plant for Power Equipment Mfg.