



Bisineer® provides both Biological and Electrolytic sewage treatment plants. Electrochemical techniques are among the most widely used current applications in environmental protection and waste treatment. Electrolysis is a technique involving the passage of electricity through the effluent. The electric current oxidizes and destabilizes dissolved and colloidal particles and alters the charge on suspended matter permitting destruction and removal of contaminants and achieves purification of water. The system is compact, noiseless in operation easily controllable modular in design & environment friendly.

Electrolytic (Non-Biological) STP

Does not Require any bacterial growth to be maintained.

Almost nill Sludge.

Needs very less civil foot prints.

Can run at any plant load. Plant can be designed for 500 kl/d and still can be opertaed when generation is as low as 10 kl/d also.

Switch on- Switch off System.

Needs very less operator attention.

Produces panthogen free treated water.



Features

Non-biological.

does not require any bacterial growth to be maintained.

Requires no aeration, no blowers, no diffusers.

Needs no civil tanks other than collection tank and treated water tank.

It is a “switch-on and switch-off” system – as long as raw sewage is collected.

can run at any plant load. You can design the plant for 500 kl/d, generate only 50 kl/d and still run the plant.

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Bisineer[®]
TOTAL WATER SOLUTIONS



Advantages

It is cheaper than conventional system when the cost of STP – (plant and machinery + Civil) is compared.

occupies least space among all technologies.

It is smell free as it does not generate obnoxious gases.

It is noise-free. It is a silent process.

It requires less civil works and the units are modular and can be kept anywhere – underground, above ground, basement, terrace.

All biological systems fail when they need to operate at lesser than design loads-say at 30% of load. EADOx can operate at any load.

Based on needs, customers can add additional trains of EADOx.

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