

N-safe

Technologies LLP



OUR MISSION :

“To deliver excellent Solutions in Waste Treatment with good service back up.”

We are trying to make the world's waste management systems affordable, sustainable as well as energy-efficient in order to cope with the challenges of population growth, industrial expansion and climate change.

OUR VISION:

Our vision is providing sustainable waste management solutions for a better environment.

ABOUT US:

We, Nsafe Technologies LLP, introduce our self as provider of services like water, Waste Water treatment Plants of various technologies like Activated Sludge Process, Membrane Bioreactor (MBR), Moving Bed Bioreactor(MBBR), Sequential Batch Reactor (SBR), PVA Gel, Constructed Wetland, & Hybrid MBBR & its Operation & Maintenance.

Nsafe is Professionally Managed Company with Qualified technical staff and skilled Workers and Operator to deliver right solutions to the customer

SEWAGE TREATMENT PLANT :

Sewage treatment plant process includes primary, Secondary or biological and tertiary treatment process to improve quality of wastewater for recycle. Sewage comprises waste water generated from households, hotels and may include industrial waste water.

VARIOUS TECHNOLOGIES OF STP ARE :

- Activated Sludge Process (ASP)
- Membrane Bioreactor(MBR)
- Moving Bed Bioreactor(MBBR)
- Sequential Batch Reactor (SBR)

OUR INNOVATIVE APPROACH IN WASTE TREATMENT:

PVA GEL Technology :

- The technology helps to increase capacity without extra Civil work.
- The capacity of plant can be increased to about 150 - 200%. It will depend on existing civil structure.

HYBRID MBBR :

We have developed Hybrid MBBR technology wherein sewage is passed through Bio-Cell thus results inlet BOD to aeration tank will be less than 100 mg/l BOD. This reduces energy cost in aeration and making waste treatment an economical solution.

CONSTRUCTED WETLAND :

We Provide Constructed Wetland System, an economical solution for sewage treatment in remote places / affordable housing schemes.

EFFLUENT TREATMENT PLANT :

Industrial effluent means polluted water discharged from various industrial & chemical processes. The effluent treatment process includes, Physical separation of Oil, grease & solids etc. Neutralization of effluent by various chemicals to reduce maximum load, Biological treatment by specifically isolated bacteria for particular effluent type. Filtration by Sand & Activated Carbon filter Disinfection by chlorination.

WATER TREATMENT PLANT:

Water treatment means the cleansing of water through various phases to be available for end-use by the people. The treated water is then used for various purposes like irrigation, industrial water supply, drinking, river flow maintenance, or any other such uses.

Objectives of Water Treatment Process:

- To remove murkiness and turbidity of the water
- To remove color and odor from water
- To remove the hardness of water
- To remove dissolved Solids present in water
- Disinfection of water

Softener:

Water softener is a whole-house filtration system that removes hardness-causing calcium and magnesium minerals from your water through a process called ion exchange. A water softener addresses hard water. Hard water wreaks havoc on the modern home. Scale builds up in your pipes, clogging them and decreasing water pressure. Scale dramatically shortens the lifespan of appliances like dishwashers, coffee makers and hot water appliances. When the hard water enters into the mineral tank, it flows through a bed of spherical resin beads. The column of resin strips all the hardness out of the water as it passes through the mineral tank, and softened water flows out into your home.

Reverse Osmosis Plant:

The principle of osmosis describes that when two fluid spaces are separated by a semipermeable membrane, then the flow of solvent will take place from the region with higher concentration to the region with lower concentration. Reverse Osmosis systems can remove pollutants from water including lead, pesticides, fluoride, pharmaceuticals, arsenic and much more. And with a carbon filter, an RO system can also remove chlorine to improve the taste, odor and appearance of your water.

ORGANIC WASTE CONVERTER (OWC) –

Organic waste converters are machines that are used to convert organic waste such as vegetable waste, meat waste, bakery waste, leaves, fruits and fruit skins, and flowers into valuable compost that can be used for organic farming activities. Converters are commonly referred to as composters. Composting can convert heterogeneous solid organic wastes into humus-like substances by employing thermophilic microorganisms (archaea, bacteria, and fungi) under monitored temperature, aeration, and moisture conditions.

SITE PHOTOS



FEW OF OUR ESTEEMED CLIENTS



CONTACT US:

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