



SIDDHI VINAYAK & ASSOCIATES

WASTE WATER TREATMENT



**INFROM
INFLUENCE
IMPACT**

[ABOUT US]

WHO WE ARE

- We are team of committed engineers and professionals to provide you the complete peace of mind when it comes to issue of treating wastewater and water management. We have capabilities to undertake turnkey project from concept to commissioning of any challenging projects related to water and wastewater treatment.

WHY WE ARE DIFFERENT

- Our own manufacturing unit of 20000 sq. feet gives us competitive and comparative advantage to produce quality inputs and output in time.
- Committed with integrity to build long term relationship with our clients through quality output.
- Customised research oriented technical focus on each plant.
- We talk of technology, long terms benefits, quality and prompt after sales services more than the price.

OUR VISION

To treat water and wastewater differently with phenomenal efficiency to give you complete peace of mind.

OUR MISSION

To be the preferred provider of efficient and cost effective solutions to the water and wastewater treatment.

SIDDHI VINAYAK
& ASSOCIATES

www.svaainfo.com

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/OUR CLIENTS/ ACCREDITATION

SEWAGE TREATMENT PLANT (STP) MBBR

SEWAGE TREATMENT PLANT

We design, fabricate, erect and commission packaged prefabricated Sewage Treatment Plant (STP) with various technologies for treating sewage generated by residential set up within industries, large colonies, Hotels, Hospitals, IT Parks and commercial buildings. Our MBBR plants use specifically cultured bacteria on high surface through floating media and reduces the organic load by more than 90%. The treated water can be used for gardening, floor washing, toilet flushing or disposal. It is available in sizes 5 KLD to 250 KLD. Bigger sized STP are designed in civil works with customized approach.



Above dimensions are subject to modification at the detailed design phase.

MODEL NUMBER	CAPACITY (m ³ /Day)	CAPACITY (GPM)	FOOT PRINT (L x W mtrs)
WWE STP MBBR 30	30	0.8-5.2	05 x 03
WWE STP MBBR 50	50	9.15	06 x 04
WWE STP MBBR 75	75	13.73	08 x 05
WWE STP MBBR 100	100	18.31	10 x 04
WWE STP MBBR 150	150	27.51	11 x 05
WWE STP MBBR 200	200	36.67	12 x 06
WWE STP MBBR 250	250	45.83	14 x 06
WWE STP MBBR 300	300	55.03	15 x 07
WWE STP MBBR 400	400	73.38	16 x 08
WWE STP MBBR 800	800	146.76	20 x 12
WWE STP MBBR 1200	1200	220.14	30 x 12

ADVANTAGE

- WWE MBBR significantly reduces the footprint as compared to the conventional Aerobic system.
- High oxygen transfer capacity acquired by Bio-Films saves energy and reduces power consumption.
- The rotating media in systems is constantly in contact with abundant supply of oxygen and waste water. This facilitates efficient Oxygen transfer to the aeration area and ensures efficiency in the biological process.
- Specific settler is provided for larger settlement surface area reducing the settling time & increasing efficiency.



Excellent treated water quality



Reduces civil cost



Odor free



Corrosion resistant



Least Noise



Automatic Function



Low energy and O&M cost

SEWAGE TREATMENT PLANT (STP) SBR

SEWAGE TREATMENT PLANT

We undertake turnkey project for wastewater treatment plant based on SBR technology ranging from sizes 25 KLD onwards. A sequencing batch reactor is a fill-and-draw activated sludge system with five basic steps: 'Idle, Fill, React, Settle, and Draw' there by producing a high-quality effluent with a low turbidity and nitrogen levels.

ADVANTAGES

- Equalization, biological treatment and clarification all achieved in a single reactor in a timed sequence.
- Better aeration control, denitrification, and lower power consumption.
- Less and simpler equipment, thus reduces maintenance.
- Biological N and P removal without need for chemicals Automatic control system.
- Design flexibility.
- Simplicity of operation put operators at ease.
- Minimal footprints.



This technology requires higher level of sophistication of timing units and controls through automation

GEN-SBR ADVANTAGES

- Designed with proven SBR principle with clog-free and maintenance-free
- Suppressed filamentous bacteria thus lower potential for sludge bulking
- Superior sludge settling due to bio-selector and cyclic sequences
- 30% less sludge production than competitor systems
- Easy expansion with single rectangular tank design
- Enhanced nutrient removal without chemicals
- Very low running and maintenance cost
- Odour free and quiet operation
- Lowest energy consumption
- Excellent effluent quality

MEMBRANE BIOREACTOR MBR

MEMBRANE BIOREACTOR (MBR)

Membrane Bioreactor (MBR) process is an advanced wastewater treatment technology which instead of using secondary clarifiers, utilizes low pressure membranes for solid/liquid separation. Hence, MBRs can operate with much higher MLSS concentrations, constituting an intensified biological process with advanced efficiency.



GEN-MBR ADVANTAGES

- Much lower foot prints because lowest land and space requirements
- Very high treated water quality for reuse applications
- Much more compact and a higher rate of degradation
- Design to treat all kinds of urban wastewater and industrial effluents as long as it does not include toxic compounds
- Low sludge production
- Product options in GFRP or in Civil works
- Easy replacement and replication

MEMBRANE BIOREACTOR MBR

Key Design Criteria: <ul style="list-style-type: none"> • Inflow Ratio: BOD/COD > 0.4 (mg/L) • Capacity (as a range): 05- 500 m3/D 	Allows to provide: <ul style="list-style-type: none"> • Secondary treatment • Tertiary treatment
Pollutant removal (%) <ul style="list-style-type: none"> • TSS: 99% • BOD: 99% • Ammonia: 90% • Pathogens: 99.9% 	Output suitable for: <ul style="list-style-type: none"> • Reuse: Gardening, Agriculture. Process water into non potable uses • Tertiary treatment
Implementation Considerations: <ul style="list-style-type: none"> • Land requirement: Low • Capital cost: Higher • Maintenance: Medium 	Needs to be combined with: <ul style="list-style-type: none"> • Pre-treatment: screen chamber, oil & grease trap • Sludge treatment: digestion, drying beds, dewatering, etc.

APPLICATIONS - Brand WWT

- Petrochemicals
- Food
- Pharmacy
- Electronics
- Laundries
- Paper industry
- Textiles
- Hospitals
- Car repair and wash
- Paint industry Ink industry
- Metal processing
- Refineries etc.....



GREEN STP-1 TOWERPRO

TOWERPRO

Innovative, cost-effective and highly efficient JAPANESE technology for wastewater treatment with nearly zero operating cost.

It uses the combination of high rate specialized anaerobic blanket with sponge media exhibiting super/highly active oxidation chamber.

There is no mechanical air provided which it draws in from the atmosphere thereby removing the cost of mechanised aeration.



- High rate reactors are used to retain active biomass in the reactor independently of the incoming wastewater. The system has void space of more than 97% and creates a much larger surface area along with very high and varied porosity of media that provides an excellent site for microorganisms growth as compared to the traditional biomedial
- Slow growing microbes are maintained in the reactors at high concentrations, enabling high reaction rate per unit reactor volume and high resistance of organic or hydraulic shock loads. It provides for enough self-degradation of any attached biomass reducing the production of excess sludge.
- This technology exhibits longer hydraulic retention time and hence can be built in smaller area. It can be used to treat wastewater from various sources and strengths like waste water from domestic sources, hospitals and even some industries like distilleries or food-processing.

APPLICATIONS - Brand WWT

- Trouble free operation and sustenance for 10 or more years.
- Very compact design with much lesser land area
- Durable and mechanically stable media
- High SRT and low HRT
- Very limited sludge production
- Higher removal efficiency for organic nutrients and pathogens
- Simple process controls
- No need of forced aeration
- No replacement of media upto 10 years
- No operator required to run the plant
- Negligible electricity and O & M cost
- No sound, no vibration, no smell
- Plug, play and forget system.

GREEN STP-2

PLANT BASED DECENTRALISED STP

TOWERPRO

This is natural biological approach to domestic wastewater treatment and is highly effective and simple to operate systems to treat water to a quality suitable for safe environmental disposal or reuse and is carbon neutral.

It is based on different natural, no electricity, no regular chemical based treatment techniques, put together in different combinations customized to the requirement and objectives to be achieved.



THIS SYSTEMS INCLUDES:

- Primary pretreatment,
- Secondary anaerobic baffled reactors along with settlers and filters
- Tertiary root zone/aerobic treatment in planted gravel filters or reed bed
- Polishing Ponds

ADVANTAGES:

- Disposes human waste in a 100% ECO friendly manner.
- 100% maintenance free, continuous biological process.
- Complete elimination of pathogens.
- No use of energy sources.
- No disposal of sludge is required.
- Conserves water, energy and environment
- Economically viable.

EFFLUENT TREATMENT PLANT (ETP)

EFFLUENT TREATMENT PLANT (ETP)

As your partner to corporate commitment to protect environment, we offer technically and economically efficient solutions to treat the industrial waste water of any types and level of impurities We offer packaged ETP with nitrification & de-nitrification.

The choice of treatment stage comprises of physio chemical treatment, anoxic bio-reactor, fluidized bed aerobic bio-re- actor (FAB) and other advanced waste- water treatment strategies for recovery, reuse and recycling.

OUR ETP COMBINES

- Gravity Separator to remove suspended oil & grease floating matters.
- Primary Sedimentation to remove the heavy grit particles, suspended solids.
- Chemical Treatment to remove higher Organic load, metals etc.
- Biological Treatment to remove organic matter.
- Advance Sludge Separation to achieve solid Liquid separation.
- Advance Filtration system to remove the suspended Solids, organic matter.
- Ozonization to remove organic matter.
- UF+RO to achieve zero discharge norms (If required)



EFFLUENT TREATMENT PLANT (ETP)

SALIENT FEATURES

- Types: Batch and Continuous.
- Compact and proven design.
- Corrosion free piping & FRP Lined MS tanks.
- Recycling of treated water is possible with advanced treatment methodology like UF and RO
- Very easy in operation. Any person can operate it after proper training
- Flexible design: upto 500 m³/day capacities in compact system.
- Economical plant with minimum operating cost.
- Quality Components.
- Low foot print.

APPLICATIONS - Brand WWT

- Automobile Industry
- Chemical Industry
- Metal Pretreatment
- Electroplating
- Pharmaceutical
- Textile
- Paper Mills
- Dairy Plants
- Sugar Mills
- Leather Industries
- Petrochemical and many more



Excellent treated
water quality



Different
Sizes Available



High loading
rates



Small
foot print



Least Noise



Semi
Automatic

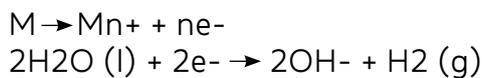


Low energy
and O&M cost

ELECTROCOAGULATION

ELECTROCOAGULATION

It is the process of electro dissolution of sacrificial anodes (Al, Fe) which produces hydrolysis products thereby destabilizing the pollutants and reducing their relative specific weight in the wastewater i.e. it is process of dissolution of metal cations at the anode and formation of hydroxyl ions and hydrogen gas at the cathode and enhance the separation process by flotation.



This technology has been successfully introduced in removing suspended solids, dyes, non-biodegradable impurities, heavy metals, phosphate, fluoride, pathogens, pesticides and also natural organic matter from the wastewater.



THE SUCCESS AND EFFICIENCY OF THIS TECHNOLOGY

DEPENDS BROADLY UPON

- Electrode Surface Area
- Power Supply Vs. Passivation
- Current Density and Ion Dissociation
- Concentration and Type of Anions
- Material of Electrodes

DEPENDS BROADLY UPON

- Tannery
- Textile with all types of dyes
- Food industry with biodegradable impurities
- Paper industry having lignin
- Refinery industry with aromatic and aliphatic hydrocarbons
- Emulsified oil & grease
- Beef, chicken, pork slaughter houses
- General industrial
- Ground water clean up
- Heavy Metals
- Pre-treatment to RO
- Micro pollutants
- Pathogens
- Pesticides
- Pharmaceuticals
- Radioactive isotopes

ELECTROCOAGULATION

TECHNOLOGY ADVANTAGES

- Since no chemicals are needed, there is no chance of secondary pollution due to high concentration of chemicals.
- Gas bubbles produced from EC facilitates the removal of pollutants by floating them on top of the solution so they can be easily collected.
- No anions are left behind to increase osmotic loading on downstream processes. Even the smallest colloidal particles are removed by EC since the applied electric current makes collision faster and facilitates coagulation.
- Flocs formed by EC are much larger and more stable; hence they are easily separated during filtration.
- EC produces much lesser volume and more stable and non-toxic sludge
- Breaks oil emulsions, removes complex organics
- Removes suspended and colloidal solids
- Easily operated due to its simplicity
- BOD and COD removal: > 70%
- Treated water is clear, colorless and odorless.

WWE-EC ADVANTAGES

- Fully assembled skid mounted unit with inlet/outlet & backwash connections
- Minimal waste Disposal since no additional chemicals are added
- Our design cannot be damaged by operator error or process upset.
- Minimal operator requirements
- Minimal maintenance
- Low operating cost
- Treats wide range of contaminants

INDUSTRIAL REVERSE OSMOSIS PLANT

RO PLANT

ELECTROCOAGULATION

Reverse osmosis is a process/technology in which dissolved inorganic solids such as salts, impurities such as lead, pesticides, chlorine, sugars, nitrates, sulfates and bacterial contaminants are removed effectively.

The GERO series is a complete multi filtration water treatment system mounted on one skid. Manufactured by the highest quality components, all systems are designed to provide reliable, trouble free and sustained performance.



STANDARD FEATURES

- 4" and 8" TFC spiral wound membranes
- FRP membrane housing
- Thin film composite membranes
- Powder coated steel frame
- Heavy duty PVC pipings
- Automatic flush
- 5 micron cartridge prefilter
- Product water flow meter
- Level control on/off

MODEL	PERMEATE	MEMBRANE QUANTITY	DIMENSIONS L" X B" X H"	MOTOR
GERO-15	1500 GPD (5.7M ³ /D)	4040 X 01	65 X 24 X 65	1.0 HP
GERO-30	3000 GPD (11.3M ³ /D)	4040 X 02	61 X 31 X 71	1.0 HP
GERO-45	4500 GPD (17M ³ /D)	4040 X 03	71 X 31 X 71	2.0 HP
GERO-60	6000 GPD (22.7M ³ /D)	4040 X 04	71 X 31 X 71	2.0 HP
GERO-90	9000 GPD (34M ³ /D)	4040 X 06	79 X 39 X 69	3.0 HP
GERO-120	12000 GPD (45.4M ³ /D)	4040 X 08	87 X 43 X 69	3.0 HP
GERO-1000	100000 GPD (378M ³ /D)	8040 X 16	197 X 73 X 80	18 HP
GERO-1250	125000 GPD (476M ³ /D)	8040 X 20	197 X 73 X 90	22 HP
GERO-1580	158000 GPD (598M ³ /D)	8040 X 25	236 X 73 X 90	30 HP
GERO-1900	190000 GPD (720M ³ /D)	8040 X 30	236 X 73 X 90	30 HP
GERO-2500	250000 GPD (946M ³ /D)	8040 X 40	236 X 73 X 90	45 HP
GERO-3100	310000 GPD (1173M ³ /D)	8040 X 50	236 X 73 X 90	75 HP

Other sizes between GERO-120 and GERO-1000 also available

WATER SOFTENING PLANTS

WATER SOFTENING PLANTS-WSP

The presence of hardness salts (calcium and magnesium ions) in the make-up water gets supplied to boilers, cooling and process waters that can have a serious impact on their performance. Loss of heat transfer in boilers and poor cooling in re-circulating cooling systems results in an increase in both energy and water consumption, and hence an increase in operating costs.

Our standard, extensive and comprehensive range of water softening plants effectively removes these hardness salts and provides a valuable return on your investment.

Our water softeners are designed for counter current regeneration with up flow rate and co-current regeneration with down flow rate. The resultant water to service is typically less than 4 ppm total hardness.



WATER DEMINERALIZATION (DM) PLANTS

Demineralised Water is Water completely or nearly free of dissolved minerals ions such as cations of Calcium (Ca^{2+}), Magnesium (Mg^{2+}), Sodium (Na^{+}) Potassium (K^{+}), Iron (Fe^{+}), Copper (Cu^{+}) etc and anions such as chloride (Cl^{-}), sulphate (SO_4^{-}), nitrate (NO_3^{-}), etc thereby producing a high purity water similar to distilled Water



PRINCIPLE

Raw Water is passed via resin beds where- in the cations (positively charged ions) get exchanged with hydrogen ions, the anions (negatively charged ions) are exchanged with hydroxyl ions.

TECHNOLOGIES

Two-bed deionization

The two-bed deionizer consists of two vessels - one containing a cation-exchange resin where in the cation based minerals are exchanged by its hydrogen (H^{+}) ions and the other vessel contains an anion resin wherein the anion based minerals are exchanged with hydroxyl (OH^{-}) form whose number will depend on the valency.

WATER DEMINERALIZATION (DM) PLANTS

ELECTRO DEIONIZATION (EDI)

Electrodeionization Systems remove ions from aqueous streams, typically in conjunction with reverse osmosis (RO) and other purification devices. Our high-quality deionization modules continually produce ultrapure water. EDI may be run continuously or intermittently.

APPLICATIONS

Boilers feed Water, Textiles, Pharmaceuticals, Chemicals, Breweries, Swimming pools, Hospitals, Automobile, Fertilizers. Power Plant, and Chemical Industries.

MIST EVAPORATOR

GEN-MIST EVAPORATOR is a customised mechanical enhanced evaporation system which is the most cost effective solution for evaporating the water including RO reject. It is specifically designed and engineered for continuous use, and will reduce the tailing pond water level naturally and economically. The working principle of this system is based on a jet of finely atomized water carried by a stream of air generated therein.

Our MIST EVAPORATOR is made with the quality components and materials with specialised nozzle configuration and resilient coating which can tolerate high TDS water and high industrial conditions. Any desired volume can be managed by using multiple numbers of units. The existing site conditions and the pan evaporation rates are used to calculate the efficiency of each unit required to reach the Zero Liquid Discharge (ZLD)



STANDARD FEATURES

- Alternative to expensive wastewater evaporators.
- Mechanically enhanced evaporation solutions
- Much lower in capex and opex as compared to steam evaporators
- Requires short lead time for start up
- Acceptable environmental impact
- Increased reliability and runtime
- Requires minimal maintenance
- Lesser footprints
- Easy installation
- Customised design

ZERO LIQUID DISCHARGE

Zero liquid discharge (ZLD) is an engineering approach to wastewater treatment where all treated clean water is made available for reuse in ongoing industrial operations by removing the impurities & dissolved solids while the contaminants therein are reduced to solid waste. In the case where RO membrane filtration is to be applied, a smaller volume (the reject) will require evaporation i.e. steam evaporator in general and Multieffect evaporator (MEE) in particular is one of main partner and popular method in completing the loop of wastewater treatment to achieve the ZLD.

At GEPL, we adopt a project based approach with superior and cost effective engineering design capabilities and manufacturing excellence to deliver a total solution towards achieving ZLD.

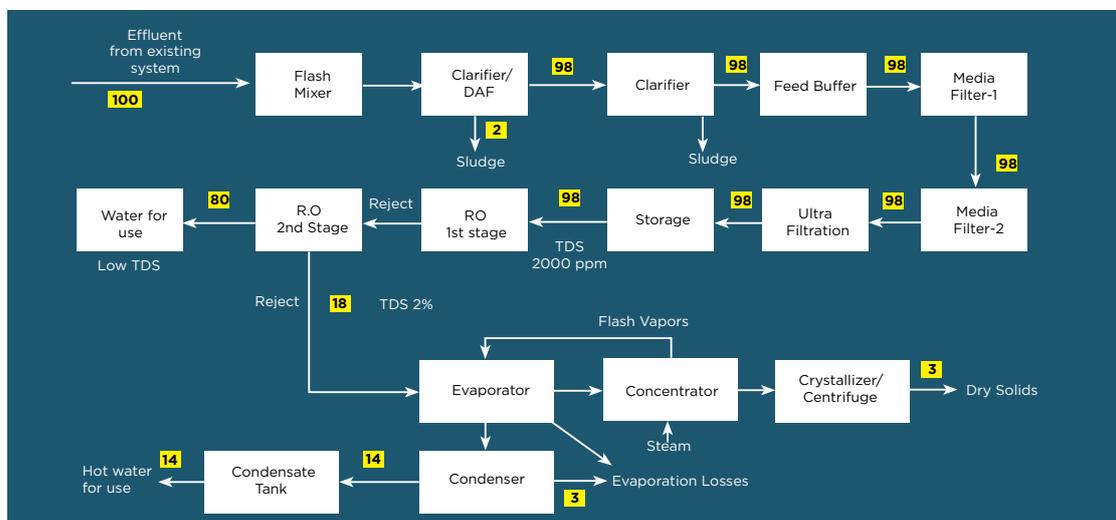
We provide turnkey solution for ZLD with primary treatment, secondary treatment, tertiary treatment, evaporation system and ATFD based on the type and characteristics of the effluent.

We design and manufacture the single and multiple effect evaporators with falling film evaporation and forced circulation crystallizer keeping in mind both sustainability and economy in operation.



FEATURES

- Process design and development
- Zero Liquid Discharge System which includes Stripper Column, Multi Effect Evaporator and Agitated Thin Film Dryer
- Distillation Column for solvent recovery
- Agitated thin film dryer for drying of product with LOD less than 5%
- Evaporator for concentration of product



MULTIEFFECT EVAPORATOR (MEE)

APPLICATIONS

- Concentration of RO rejects
- Concentration of Industrial Effluent
- Concentration of Pharmaceutical Products
- Concentration of food, beverages and dairy products



OUR DESIGN HAS SPECIFIC THRUST ON HEAT TRANSFER, VAPOR LIQUID SEPARATION & EFFICIENT UTILIZATION OF ENERGY ALONG WITH THE FOLLOWING FEATURES:-

- Pure Condensate recoveries.
- Higher thermal efficiencies by employing minimum scope of steam
- Minimum Operating cost by using Mechanical Vapour Recompression (MVR) & Thermal Vapour Recompression (TVR)
- Optimum Thermal design.

WE DESIGN A RANGE OF EVAPORATOR SUCH AS SINGLE EFFECT AND MULTIPLE EFFECTS AS PER THE NEEDS OF VARIOUS PROCESS INDUSTRIES:-

- | | |
|----------------------------|---------------------------------|
| ● Vertical Tube Evaporator | ● Forced Circulation Evaporator |
| ● Falling Film | ● Horizontal Tube Evaporator |
| ● Rising Film | ● Plate Type Evaporator |

ZERO LIQUID DISCHARGE

Evaporation is a process to concentrate a non-volatile solute from a solvent (water) by boiling off the solvent. It is special case of heat transfer to a boiling liquid to result in separation of a liquid mixture into a liquid product (concentrate or thick liquor) and a vapor. The design of an evaporator should be with the objective of economy. The chief factor to obtain the economy/efficiency of an evaporator system is to increase the number of effects such that the vapours obtained from first effect act as a heating medium for another effect.

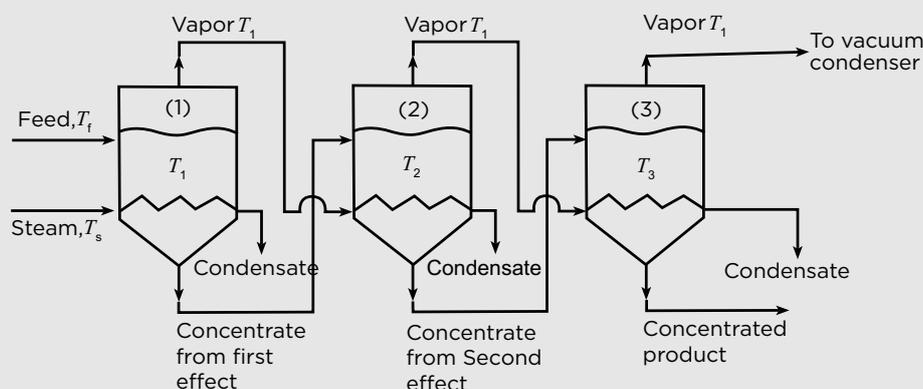
The operating costs of an evaporation plant is largely determined by the utility/energy (steam and power) required to achieve the desired evaporation/concentration. Apart from the motive to save steam, its operation cost can be reduced further by use of Thermal Vapour Recompressor (TVR), to improve the steam economy which uses the dead vapours and gives the same steam/energy saving as an additional evaporation effect..

Although small, the steam economy can also be improved by feed pre-heating systems using the waste heat from process plants.

PRINCIPLE OF MEE

When the heated steam passes into an evaporator, the solution is heated while the secondary steam pressure and temperature are lower than the original heating steam, the secondary steam can still be used as the heating steam (As long as the evaporation chamber pressure and the boiling point of the solution are lower than those of the original evaporator) and introduced into next evaporator. Similarly, the new secondary steam produced by the second evaporator can also be used as the heating steam of the third evaporator. In this way, each evaporator is called a single effect, and a plurality of evaporators are connected together to form a multi effect evaporation system. The first heat exchanger with the primary steam is called the first effect, and the second heating exchanger with the secondary steam generated from first effect is called the second effect... and so on. The utility model has the advantages of cyclic utilization, repeated utilization of heat energy, and remarkable reduction of heat energy consumption, thus greatly reducing the cost and increasing the efficiency.

General process of Multiple-Effect Evaporator Systems (Forward-feed, triple-effect)

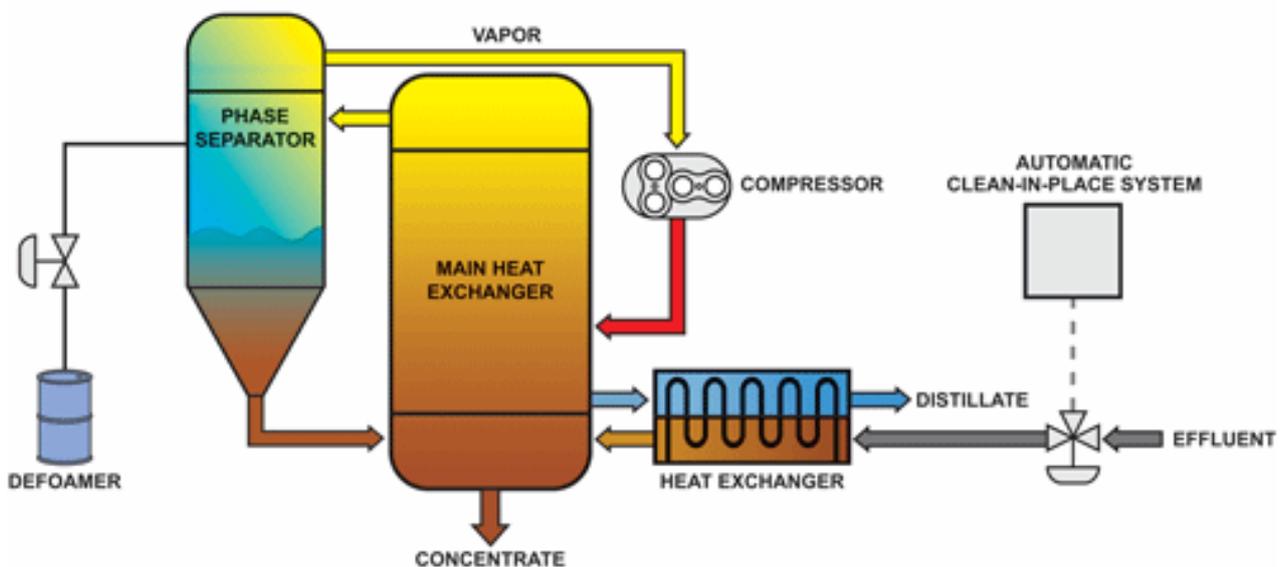


MECHANICAL VAPOR RECOMPRESSOR (MVR BASED EVAPORATOR)

TECHNICAL PRINCIPLES

Mechanical Vapor Recompression (MVR) is a energy-saving low-temperature evaporative concentration technology, which uses low-value waste steam and heat, designed on the theoretical basis of Boyle's law which means that during compression as the volume of gas decreases, the pressure and the temperature increase thereby making available the energy for reuse. According to this principle, the energy normally lost in the compression is recovered, the latent heat of steam is recycled and fresh steam consumption is avoided leading to a highly energy saving evaporation process.

- Reuses secondary steam instead of live primary steam so uses only a small amount of fresh steam
- Does not require a cooling tower leading to reduced costs
- Energy-saving, water-saving, environmentally sound, and helps with resource recycling
- MVR technology achieves low-temperature evaporation, greatly reducing the impact on material
- Both continuous and batch mode design
- Smaller dimension and higher mobility



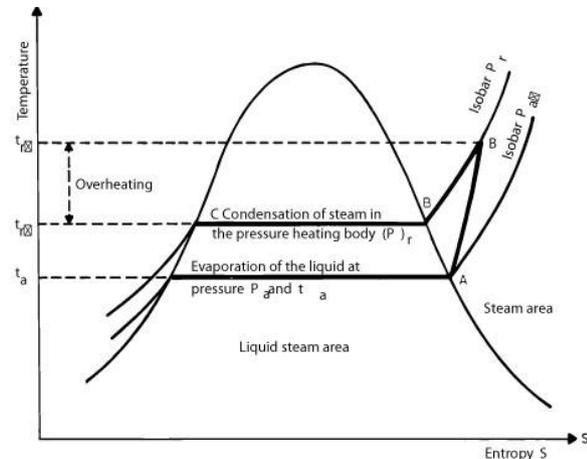
MECHANICAL VAPOR RECOMPRESSOR (MVR BASED EVAPORATOR)

MVR BASED EVAPORATOR

We provide the cost-effective MVR (Mechanical Vapor Recompression) equipment and technology with customized MVR solutions.

APPLICATIONS

- Chemical industry
- Salt brine concentration
- Beverage industry like milk, juice, sugar, etc.
- Food industry like MSG, soy, protein, sugar etc
- Pharmaceutical industry concentration
- Textile industry



ONLINE REAL TIME EFFLUENT MONITORING SYSTEM

TO MONITOR EFFLUENT (AIR & WATER) AS PER CPCB GUIDELINES

The comprehensive monitoring solutions that meets all the guidelines laid down by the CPCB/PCB.

APPLICATIONS

In addition the regulated parameters for online monitoring like BOD, COD, TSS, Cr, As, pH & Flow for all the types of Industries, our sensors are also able to measure parameters such as TOC, DOC, Turbidity, DO, NH₄-N, NO₃-N, AOC, Color, SO_x Nox, PM



FLEXIBLE INSTALLATION MECHANISM

Our systems are capable of getting installed via a Flow-Through / Sampling mechanism where we draw/ pump the sample into the monitoring station or via direct immersion of the sensor into the sampling medium.

DATA TRANSFER TO CPCB/SPCB

HIGHLIGHTS AND ADVANTAGES:

- Long term stable and maintenance free in operation
- Automatic cleaning with compressed air
- Extended warranty on the sensors
- Automatic adaption during matrix change and removal of interferences such as Turbidity, TSS, Color etc .
- The Analyzer's accuracy does not have interference due to Color, Turbidity/TSS and Chloride, inorganics and changes in waste water sample matrix.
- Low power consumption and ability to run on Solar Power with supply ranging from 10-30 VDC for solar systems
- Multiple calibration options with unlimited calibration points.
- Facility for Remote Online Calibration
- Easy to operate and maintain, and use limited reagents, so that it is cost effective.

OPERATION & MAINTENANCE

We undertake operation & maintenance, annual maintenance contracts for water and waste-water treatment plants i.e. for STP, ETP, WTP, ZLD.

Our maintenance staffs are sincere towards their environmental commitments and are proficient with operation and maintenance procedures.

FEATURE

- Optimum charges.
- Maintenance of records for accurate results.
- Well trained technical staffs.
- Customized solutions and in time services.
- On time preventive measures to avoid breakdowns.



SECTOR WE SERVE

- Hospital
- Hotels & Resorts
- Colonies & Townships
- Textile & Tanneries
- Beverage & Food
- Automotive
- Metal & Electroplating
- Pharmaceutical
- Paper & Pulp
- Chemical
- Oil Industry & others.....

OUR CLIENTS



Our clients are valuable partners for our commitment of making a better tomorrow.....

CERTIFICATES

COMPANY REGISTRATION CERTIFICATE

Directorate of Town & Country Planning, Haryana
Plot No. 3, Sec-18A, Madhya Marg, Chandigarh 160018, web site: www.topharyana.gov.in, Phone: 0172-2549349, e-mail: topharyana7@gmail.com

To
M/s Siddhi Vinayak and associate (Prop.) Sh. Puneet Verma
R/o # 2062 sector-12 Sonapat

Subject:
Memo No. CLU/PT-1405A/CTP/8560/2022 Dated: 29/03/2022
Grant of change of land use permission for setting up of Industrial Unit (manufacturing of fabricated metal products except machinery and equipment) in the revenue estate of village Chulkana, Tehsil Samalkha, District Panipat.

Reference: Your application dated 15.07.2021 on the above cited subject

Permission for grant of change of land use for setting up of Industrial Unit (manufacturing of fabricated metal products except machinery and equipment) over an area measuring 2855.966 Sqm (after excluding an area measuring 937.93 sq m deemed to CLU) comprising Khassa no. 136//16/1, 24/3/2, 25/1/2 in the revenue estate of Village Chulkana, Tehsil Samalkha, District Panipat in the Additional Controlled Area Samalkha is hereby granted after receipt an amount of Rs 85,679/- on account of conversion charges.

This permission is further subject to following terms and conditions:

- That the conditions of agreement executed by you with the Director, Town & Country Planning, Haryana, Chandigarh and the provisions of the Punjab Scheduled Roads and Controlled Areas restriction of Unregulated Development Act, 1963 and rules framed there under are duly complied by you.
- You shall pay the additional amount of Conversion charges for any variation in area at site in lump sum within a period of 30 days as and when detected and demanded by the Director, Town & Country Planning, Haryana, Chandigarh.
- You shall complete the demarcation at site within 7 days and will submit the Demarcation Plan in the office of concerned District Town Planner.
- You shall pay the total external development charges as demanded by the department in case the subject land comes under urbanizable limit due to its extension in future.
- You shall give atleast 75% employment to the domiciles of Haryana where the posts are non technical in nature and a quarterly statement indicating the category wise total employment to those who belong to Haryana shall be furnished to the G.M.D.I.C. of concerned District.
- You shall deposit the labour cess at the time of approval of building plan.
- You shall have no objection to land acquisition for laying/augmentation of services at any point of time in future as required by Govt./HSVP.
- That no other application for grant of licence/CLU permission for the Khassa nos. covered under the present CLU application stand submitted by you which is pending for consideration/orders.
- You shall get the building plans approved from the Department before commencing the construction at site within six months of the issuance of final permission.
- You shall obtain occupation certificate from the department after completing the building within two years of issuance of this permission.
- You shall not raise any construction in the area reserved for road widening.
- That this permission shall not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.

K. Makrand Pandurang
Director, Town & Country Planning
Directorate of Town & Country Planning, Haryana

Endst No. CTP/8561-8562/2022 Dated, 29/03/2022
1. STP Rohtak
2. DTP Panipat

Director, Town & Country Planning
Directorate of Town & Country Planning, Haryana

CANCELLED CHEQUE

NEFT PAYMENT REQUEST

Date: _____
Ref: _____
To: _____

Dear Sir,

Sub: NEFT details

We refer to the service of Legal Compliances in your company. We request you to void our payments by the way of NEFT / NEFT to our bank. Thank you for your help.

NAME: SIDDHI VINAYAK & ASSOCIATES

BANK NAME: HDFC BANK LIMITED

BRANCH: L-203, MOHBI TOWN, SONIPAT (131001) HRY

A/C NO: 5020000129460

IFSC CODE: HDFC0001919

Please represent the above information in your SWIFT system and release the payment through NEFT.

Thanking you
Signature with stamp: _____
Name: Puneet Verma
Designation: Prop.

Cancelled

03 APR 2022

0000403P 4402404564 04 000070 HRY

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION CERTIFICATE

TYPE OF ENTERPRISE: MICRO / MANUFACTURING

UDYAM REGISTRATION NUMBER: UDYAM-HR-18-0000753

NAME OF ENTERPRISE: SIDDHI VINAYAK AND ASSOCIATES

NAME OF UNITS: [Details of units]

OFFICIAL ADDRESS OF ENTERPRISE: [Address details]

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 15/01/2009

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 15/01/2009

NATIONAL INDUSTRY CLASSIFICATION CODES: [List of codes]

DATE OF UDYAM REGISTRATION: 07/09/2020

For any assistance, you may contact:
1. DIC SONIPAT
2. MSME-DI KARNAL

BE A CHAMPION with the Ministry of MSME

MSME CERTIFICATE

MSME CERTIFICATE

Udyog Aadhaar

A

Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UAM No.	HR18A0008034		

Udyog Aadhaar Memorandum

- Aadhaar Number
- PAN Number
- Name of Entrepreneur
- Social Category of Entrepreneur
- Gender
- Physically Handicapped
- Name of Enterprise
- Type of Organization
- Location of Plant Details

SN	Fat/Door/Block No.	Name of Premises/Building Village	Road/Street/ Lane	Area/Locality	City	Pin	State	District
1	KHASRA NO 136//16/1	24/3/2 25/1/2 VILLAGE CHULKANA	VILLAGE CHULKANA	INDUSTRIAL AREA CHULKANA	SONIPAT	132101	HARYANA	PANIPAT
2	KH NO 311/3/2	VILLAGE CHAUHAN JOSHI	BEHIND DAWAT RICE MILL	INDUSTRIAL AREA	SONIPAT	131001	HARYANA	SONIPAT

Official Address of Enterprise: OFFICE NO. 8 OMAXE CITY PLAZA GROUND FLOOR NH1 GT KARNAL ROAD BAHALGARH SONIPAT 131001

District: SONIPAT State: HARYANA PIN: 131001
Mobile No: 9896633441 Email: siddhivinayak2associates@gmail.com

Date of commencement: 01/01/2015
Previous Registration details-if any: EM-1 : HR18A0002167

Bank Details: IFS Code: HDFC0003902 Bank Account: 50200005025800

Major Activity: MANUFACTURING

SN	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit Code	Activity Type
1	25	2511 - Manufacture of fabricated metal products, except machinery and equipment	25119 - Manufacture of other structural metal products	Manufacturing
2	25	2512 - Manufacture of fabricated metal products, except machinery and equipment	25122 - Manufacture of metal reservoirs, tanks and similar containers	Manufacturing
3	25	2592 - Machining; treatment and coating of metals	25920 - Machining; treatment and coating of metals	Manufacturing

Persons employed: 15
Investment (Plant & Machinery / Equipment's): 10(Rs. In Lakhs)
District Industry Centre: SONIPAT

I hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.

MyMsme Mobile App (Beta Version) is available now for download. <https://play.google.com/store/apps/details?id=msme.mysms>

GST CERTIFICATE

Government of India And Government of Haryana Form GST REG-25

Certificate of Provisional Registration

1. GSTIN	06AXRPP2921P1ZR
2. PAN	AXRPP2921P
3. Legal Name	PUNEET
4. Trade Name	Siddhi Vinayak & Associates
5. Registration Details under Existing Law	
Act	Registration Number
(a) TIN under Value Added Tax	06143021428
Date	27/06/2017

This is a Certificate of Provisional Registration issued under the provisions of the Act.



SIDDHI VINAYAK & ASSOCIATES

WASTE WATER TREATMENT

GET IN TOUCH



+91 9896787358



Email: siddhivinayak2associates@gmail.com



Website: www.svaainfo.com



Off No. 08 Omaxe City Plaza, Ground Floor
G.T. Karnal Road, Bahalgarh, Sonipat-131021