

# Company Profile

Delivering Innovative I

## **Wastewater Treatment Solutions**

■ For a Sustainable Future

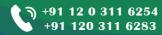






CIN: U37003UP2023PTC194389 GST: 09AAJCN3096P1ZL

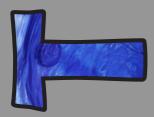


















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## INTRODUCTION

Established in 2023, Natureflow Ventures Private Limited (NFV) is a trailblazer in the water treatment industry, delivering innovative and comprehensive solutions for water and wastewater management. As an affiliate of PP Aquatech Private Limited, a renowned leader in manufacturing and supplying essential components for water and wastewater treatment, we are proud to build on a legacy of excellence and reliability.

With a corporate office in Noida and a cutting-edge, 10,000 sq. ft. manufacturing facility in Faridabad equipped with advanced fabrication and pilot testing capabilities, NFV is dedicated to providing world-class technology, exceptional after-sales service, and unwavering punctuality. We take pride in being a premier single-source provider of sustainable water treatment solutions.

### **Our Core Values**



**Customer Centric Approach** 



Commitment to Quality



On time, every time

Natureflow Ventures Pvt. Ltd. is proud to be recognized as the "Most Promising Brand of the Year" at the prestigious Brand Icon Awards 2024 by Eminent Research. This honor, presented by renowned actor Sanjay Kapoor, underscores our unwavering commitment to excellence, innovation, and customer-centric solutions in the water and wastewater treatment industry.

This accolade reflects our dedication to delivering cutting-edge technology, exceptional service, and sustainable practices. We extend our gratitude to our clients, partners, and team members for their trust and support, which have been instrumental in this achievement.

Together, we aim to set new benchmarks in the industry while contributing to a cleaner and greener future.

# **COMPANY DETAILS**

Name of the Company

M/s Natureflow Ventures Private Limited

Company Identification Number (CIN) U37003UP2023PTC194389

**Company Description** 

EPC (Engineering, Procurement, Construction) Contractor of all types of Water and Wastewater Treatment Plant, Sewage/Effluent Pumping Station, Sewage/Effluent networking piping, Supply Water Pump House, Fire Pumping Station,

Registered Address

E-10, Sector-12, Noida - 201301

Uttar Pradesh (India)

Corporate Office Address

E-10, Sector-12, Noida - 201301 Uttar Pradesh (India)

**Factory Address** 

Plot No.3, Street No. 9W, Gaunchi Road, Industrial Area, Saroor Pur, Balabhgarh Sohna Road, Faridabad - 121004, Haryana, India

Name of the Directors (Partners)

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**Contact Number** 

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Website

www.natureflowventures.com www.natureflowventure.com

**Banking Partner** 

IndusInd Bank Limited

Permanent Account Number

AAJCN3096P

UP GST Registration Number

09AAJCN3096P1ZL

TAN Number

MRTN07765C

**ESIC Number** 

67001307100000999

**IEC Code** 

AAJCN3096P



## **TECHNICAL EXPERTISE**



At the core of our success lies a formidable team of professionals, each a specialist in their respective fields.

Natureflow Ventures Private Limited is proud to boast a wealth of technical expertise, bringing together individuals with profound knowledge in biotechnology, chemical engineering, wastewater designs and advanced engineering solutions.

When you are working with Natureflow Ventures, you can be assured that you are getting the absolute best as we never compromise with quality, be it in terms of materials or professionals.

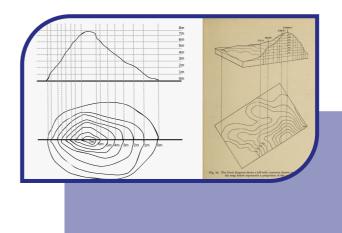
"In essence, our technological expertise is not just a capability; it's a commitment to excellence. At natureflow Ventures Private Limited, our professionals stand as the driving force behind our success, ensuring that we continue to lead in providing state-of-the-art solutions for water and wastewater management."

# **DESIGN ENGINEERING**

At Natureflow Ventures Private Limited, our design engineering process for water and wastewater treatment plants is a comprehensive approach that ensures precision, efficiency and reliability.

This meticulous process involves various key components to deliver state-of-the-art treatment facilities. They are:

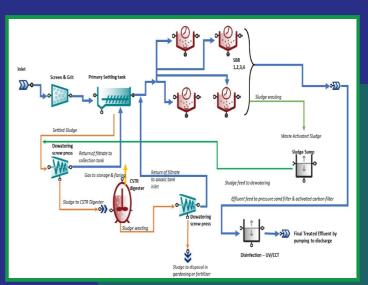
- Contour Level Plan
- Sewage/Effluent Networking
- Design Calculation
- Process Flow Diagram (PFD)
- Piping and Instrumentation Diagram (P&ID)
- Layout Plan
- Structural Plan
- O Design Vetting from Institute of Repute
- Hydraulic Level Plan
- Technical Data Sheet
- Site Quality Plan



# **DESIGN ENGINEERING**



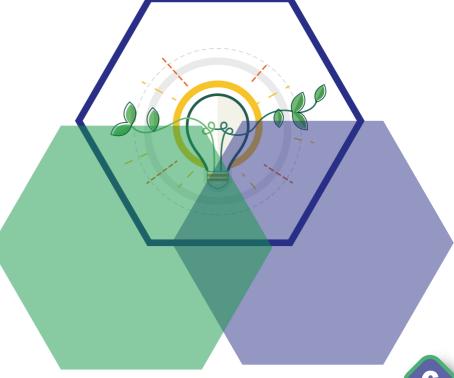
- Material Quality Plan
- Piping Layout
- Instruments Schedule
- MCC Panel GA (General Arrangement)
- Single line Diagram (SLD)
- Cable Schedule
- Earthing Layout
- Cabling Plan
- PLC Philosophy



# **OUR TECHNOLOGIES**

At Natureflow Ventures, we pride ourselves on staying ahead of the curve by embracing the latest advancements in water and wastewater treatment technology. Our innovative solutions are designed to address all challenges, ensuring efficiency, sustainability, and reliability in every project we undertake.

With a commitment to excellence, we bring together cutting-edge technology and unparalleled expertise to deliver comprehensive solutions tailored to your unique needs. Our state of the art systems guarantee the highest standards of performance, providing you with peace of mind and a cleaner future.





# SEWAGE TREATMENT TECHNOLOGY

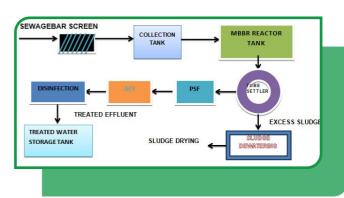


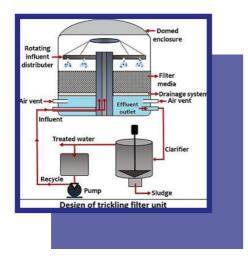
At Natureflow Ventures, our sewage technology portfolio incorporates a diverse range of innovative and effective methods. Each technology is thoughtfully selected to address the unique requirements of Sewage Treatment Plants (STPs), ensuring optimal efficiency, environmental sustainability and compliance with all regulations.

#### **♦** MBBR/FAB Technology:

MBBR (Moving Bed Biofilm Reactor) and FAB (Fixed Activated Sludge) technologies enhance the activated sludge process by promoting the growth of microorganisms on suspended or fixed media. This facilitates the efficient breakdown of organic pollutants in sewage.

**Advantages:** Enhanced biological activity, compact design and improved nutrient removal.





#### **♦** SAFF/Trickling Filter Technology

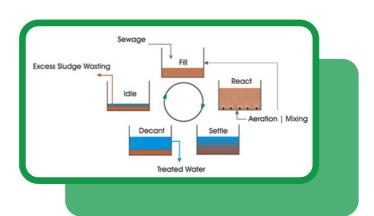
SAFF (Submerged Aerated Fixed Film) and Trickling Filter Technology utilize a bed of media to provide a surface for microorganisms, enhancing the aeration process and promoting the biological breakdown of pollutants in sewage.

**Advantages:** High treatment efficiency, robust performance and cost effectiveness.

#### **♦** Sequential Batch Reactor Technology (SBR):

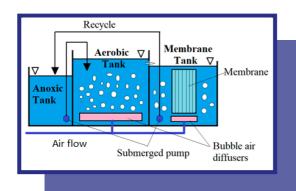
SBR operates through a sequential cycle of fill, react, settle and decant. This flexible process allows for biological treatment and settling to occur in the same reactor, optimizing sewage treatment.

**Advantages:** Energy efficiency, space optimization and superior nutrient removal.



# SEWAGE TREATMENT — TECHNOLOGY —





#### **♦** Membrane Bio Reactor Technology (MBR):

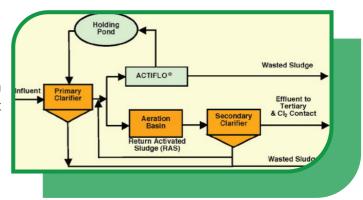
MBR combines biological treatment with membrane filtration, effectively separating treated water from sludge. This technology produces high-quality effluent and minimizes the need for additional clarification processes.

**Advantages:** High-quality effluent, compact design and reduced footprint.

#### **♦** Extended Aeration Technology (EA):

EA technology involves continuous aeration to maintain aerobic conditions, enhancing the breakdown of organic matter in sewage.

**Advantages:** Stable operation, reduced sludge protection and cost effectiveness.



# CAPTURE STORAGE TRANSPORT TREATMENT Reuse (Fuel, biogas, power generation) / Disposal Adapted from Global Health Hub, 2012.

#### **♦** Fecal Sludge Treatment Plant:

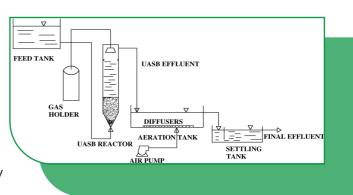
FSTP is designed for the treatment of fecal sludge via various methods to safely manage fecal sludge and contribute to environment health.

**Advantages:** Targeted treatment, environmental safety and public health improvement.

## **♦** UASBR (Upflow Anaerobic Sludge Blanket Reactor) Technology:

UASBR Technology utilizes an upflow design for anaerobic treatment, where wastewater flows upwards through a sludge blanket. This promotes the anaerobic digestion of organic matter, contributing to effective sewage treatment.

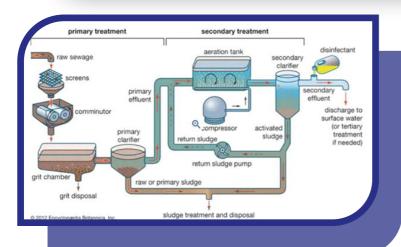
**Advantages:** Efficient anaerobic digestion, reduced energy consumption and lower sludge production.



Our commitment to sewage treatment technology is underscored by a comprehensive and diverse approach, ensuring that each method is chosen strategically to meet the specific needs of our clients and the environment.

# WASTEWATER/EFFLUENT TREATMENT TECHNOLOGY

We are at the forefront of wastewater and effluent treatment technologies, providing comprehensive solutions that cater to the diverse needs of the industries. Our expertise encompasses a range of advanced treatment methods, ensuring effective and environmentally sustainable results.



## **ETP Based on Physio-Chemical + Biological** Treatment:

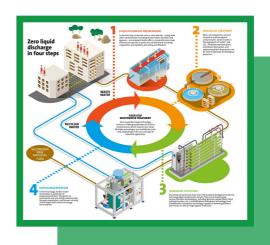
This treatment method combines physio-chemical processes with biological treatment to address a wide spectrum of pollutants. Physio-chemical processes involve the use of chemicals to precipitate or coagulate contaminants, followed by biological treatment to further breakdown organic matter.

**Applications:** Suitable for a variety of industries with complex wastewater compositions.

**ZLD based on Physio-Chemical** + Biological + Tertiary + Micron + Ultra Filtration + Nano + RO + UV + MVR:

Zero Liquid Discharge (ZLD) is an advanced and sustainable approach that involves multiple stages of treatment. It includes physio-chemical, biological, tertiary treatment as well as micron, ultra and nano filtration. Reverse Osmosis (RO), Ultraviolette disinfection (UV) and Mechanical Vapor Recompression (MVR) are incorporated to achieve the goal of zero liquid discharge.

**Applications:** Minimizes water wastage, ensures compliance with stringent environmental regulations.



**WWTP Based on Physio-Chemical** + Biological Treatment - for Textiles/Pulp/Paper/Electroplating, Paint, etc.

Specifically tailored for industries such as textiles, pulp and paper, electroplating and paint, this treatment approach integrates physio-chemical and biological processes. It effectively removes pollutants associated with these industries, including dyes, heavy metals and organic compounds.

**Applications:** Ideal for industries with specialized wastewater characteristics.

Our commitment to advanced wastewater treatment technologies reflect our dedication to providing sustainable, efficient and customized solutions for various industrial sectors. Through the integration of these cutting-edge technologies, we strive to meet and exceed regulatory standards while minimizing the environmental impact of industrial effluents.

# ADVANCED FILTRATION TECHNOLOGY

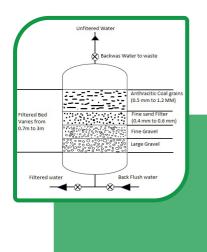


Natureflow Ventures Private Limited excels in providing advanced filtration solutions that play a crucial role in purifying water for various applications. Our diverse filtration technologies ensure the removal of impurities, contaminants and particles, contributing to the production of high-quality treated water.

#### Pressure Sand Filter:

Pressure Sand Filters operate under pressure and use a bed of sand to filter out impurities. The water is forced through the sand bed, trapping suspended particles and often promoting effective filtration.

**Applications:** Commonly used for municipal water treatment, industrial processes and pre-treatment in water purification systems.



#### Multi-Grade Filters:

Multi-Grade Filters use a combination of different-sized media to achieve filtration at multiple levels. This helps in the removal of particles of varying sizes, providing enhanced water clarity.

**Applications:** Suitable for applications where diverse particle sizes need to be filtered, such as wastewater treatment and industrial processes.

#### **Dual-Media Filters:**

Dual Media Filters utilize a combination of two different filter media, typically anthracite and sand. This dual-layered approach enhances the filtration efficiency and extends the lifespan of the filter bed.

**Applications:** Widely employed in water treatment for municipalities, industries and commercial establishments.

#### Activated Carbon Filters:

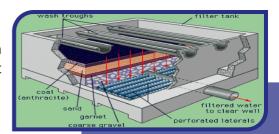
Activated Carbon Filters utilize activated carbon to absorb organic and inorganic impurities present in water. This technology is highly effective in removing chlorine, volatile organic compounds (VOCs) and other contaminants.

**Applications:** Used for de-chlorination, removal of odors and the reduction of organic pollutants in drinking water and industrial processes.

#### **6** Gravity Sand Filter:

Gravity Sand filters rely on gravitational force to push water through a sand bed, effectively trapping particles and impurities. This simple yet effective method is suitable for various water treatment applications.

**Applications:** Commonly used in small scale water treatment plants, swimming pool filtration and pretreatment in large water purification systems.

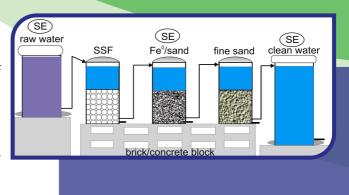


# ADVANCED FILTRATION TECHNOLOGY

## Iron, Fluoride, Arsenic and Manganese Removal Filters:

Specialized filters are designed for the removal of these contaminants. These filters employ specific media or treatment processes tailored to the targeted impurity.

**Applications:** Customized solutions for industries or regions where these specific contaminants are prevalent in water sources.



#### Cartridge/ Micron Filters:

Cartridge Filters utilize a replaceable cartridge to capture particles and contaminants based on their micron size. These filters are effective in achieving fine filtration.

**Applications:** Used in residential water purifiers, industrial processes and as pre-filters in multi-stage water treatment systems.

Our filtration technology portfolio is designed to cater to a wide range of water treatment needs. Whether it's municipal water supply, industrial processes or specialized applications requiring the removal of specific contaminants, our filtration solutions are tailored to deliver efficient and reliable results.

# **SOFTENING TECHNOLOGY**

We excel in providing advanced softening technologies designed to mitigate the impact of hardness in water. Our softening systems are versatile, catering to various applications ranging from residential to industrial settings. The focus on delivering water that is not only free from hardness, but also meets stringent quality standards.

#### Manual & Automatic Simplex/Duplex Water Softener:

These water softeners operate on the ion exchange principle, where hard water passes through a resin bed containing ion exchange beads. The beads attract and replace calcium and magnesium ions with sodium ions, resulting in softened water. Manual and automatic options are available, with duplex systems ensuring continuous soft water supply.

**Applications:** Residential homes, commercial establishments and industrial processes where a consistent supply of softened water is required.

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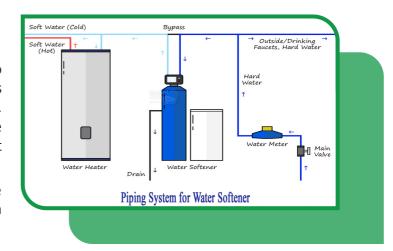
# **SOFTENING TECHNOLOGY**



#### **Hot Water Softener:**

Hot water softeners are specifically designed to handle water used in heating applications, such as boilers and industrial processes that involve hot water. These systems ensure that hardness-forming ions are removed, preventing scale formation in heat exchange equipment.

Applications: Industries with hot water intensive processes, hotels, hospitals and other facilities with hot water requirements.



#### Chemical-Free Softening Systems:

Chemical-Free softening systems use innovative technologies like Template Assisted Crystallization (TAC) or physical water conditioners to alter the stucture of hardness-forming minerals without the need for traditional ion-exchange resins or chemicals. TAC systems form microscopic crystals that are easily flushed away, preventing scale formation.

Applications: Suitable for environmentally conscious applications, residential use and industries where chemical free solutions are preferred.

# DESALINATION TECHNOLOGY

Natureflow Ventures is a pioneer in Desalination Technology, offering a comprehensive suite of solutions to address the challenges of treating brackish water and seawater. Our advanced systems utilize state-of-the-art technologies to provide efficient desalination processes, ensuring a sustainable and reliable supply of fresh water.

#### **Brackish Water R.O. Systems:**

Brackish Water Reverse Osmosis (R.O.) Systems are designed to desalinate water with lower salinity levels, typically found in brackish water sources. The system employs reverse osmosis membranes to separate salt and impurities, producing freshwater for various applications.

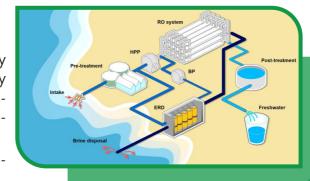
Applications: Agriculture, industrial processes and municipal water supply where brackish water is a prevalent source.



#### Sea Water R.O. Systems:

Sea Water Reverse Osmosis (R.O.) Systems are specifically engineered to treat seawater, which has a higher salinity compared to brackish water. These systems utilize high pressure pumps to force seawater through reverse osmosis membranes, removing salts and producing freshwater.

Applications: Coastal regions, islands and maritime applications where seawater is the primary source of water.

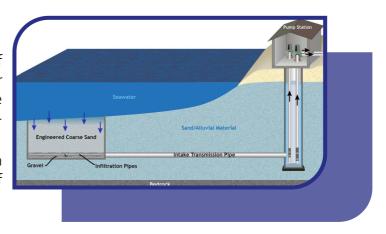


# **DESALINATION TECHNOLOGY**

#### **Sea Water Intake Systems:**

Sea Water intake Systems are crucial components of desalination plants, facilitating the extraction of seawater for the desalination process. These systems include intake structures, screens and pumps to efficiently and sustainably draw seawater into the desalination plant.

**Applications:** Integrated into seawater desalination plants to ensure a reliable and continuous supply of seawater.



# During nanofiltration, pressure is used to force contaminated source water through a semi-permeable membrane. Nanofiltration Membrane Nanofiltration removes nearly all bacteria and viruses, most organic matter, divalent lons and up to 90% of monovalent ions. Nanofiltration removes nearly all bacteria and viruses, most organic matter, divalent lons and up to 90% of monovalent ions.

#### **Nano Filtration Systems:**

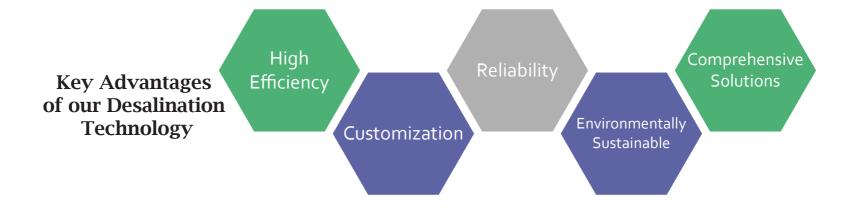
Nano Filtration (NF) is a membrane-based desalination process that operates on a selective permeation principle. NF membranes allow the passage of water molecules while selectively retaining ions and larger particles, resulting in desalinated water.

**Applications:** Pre-treatment for brackish water, industrial processes and water softening applications.

#### **♦** Ultra-Filtration Systems:

Ultra Filtration (UF) is a membrane filtration process that removes particles, bacteria and most viruses from water. While not a desalination method on its own, UF is often used as a pre-treatment step to remove larger contaminants before desalination processes.

**Applications:** Pre-treatment for desalination, wastewater treatment and potable water production.



Natureflow Venture's Desalination Technology is at the forefront of addressing water scarcity challenges by providing efficient and sustainable solutions for transforming brackish and seawater into a valuable freshwater resource.

# SWIMMING POOL - TECHNOLOGIES -



Natureflow Ventures takes pride in offering advanced Swimming Pool Filteration Technology, ensuring crystal-clear water, hygiene and a pleasant swimming experience. Our comprehensive solutions cover filteration systems, cleaning equipment and various accessories to maintain the optimal condition of swimming pools.

#### • Pool Filters- Automatic & Manual Backwash:

Pool filters are essential components in swimming pool filteration systems. They trap impurities and debris from the water. Both, automatic and manual backwash systems ensure the efficient cleaning of filter media, extending the life of the filter.

#### **Applications:**

- Consistent Water quality
- Reduced maintenance efforts
- Prolonged filter lifespap



## Underwater Lighting:

Underwater lighting enhances the aesthetics and safety of swimming pools. Our advanced lighting systems are designed for underwater use, providing vibrant illumination and creating a visually appealing ambiance.

**Benefits:** Improved visibility, enhanced pool aesthetics and extended swimming hours.

#### Suction Sweeper:

Suction sweepers are automated devices that move along the pool floor, walls and steps to collect debris. These devices use suction to draw in debris, preventing the need for manual cleaning.

**Advantages:** Efficient debris removal, reduced manual labor and enhanced cleanliness.

#### **♦** Telescopic Leaf Net:

Telescopic leaf nets are extendable tools equipped with a net for manually skimming the pool surface. They are used to remove leaves, insects and other floating debris from the water.

Benefits: Quick and easy removal of floating debris, maintaining a clean pool surface.

#### Overflow Grating:

Overflow Grating is installed at the edges of the pool to collect excess water and prevent flooding. It enhances safety by directing overflow to drainage systems.

Benefits: Prevents flooding, ensures proper water drainage and contributes to pool safety.

# TECHNOLOGIES -



#### Drain Cover:

Drain covers are safety features that prevent accidents and entrapment by covering the pool drains. They are designed to meet safety standards and protect swimmers from potential hazards.

**Benefits:** Enhanced safety, compliance with safety regulations and prevention of entrapment accidents.

#### **▲** Pool Heater:

Pool heaters regulate water temperature, ensuring a comfortable swimming experience year-round. These heaters can be electric, gas or solar powered, offering flexibility in operation.

Advantages: Extended swimming season, temperature control and increased comfort for users.

# **DISINFECTION TECHNOLOGY**

Natureflow Ventures is at the forefront of Disinfection Technology, providing advanced solutions to ensure the safety and purity of water. Our comprehensive approach to disinfection encompasses various technologies tailored to meet the specific needs of different applications.

#### **Ozone Generating System:**

Ozone Generating Systems produce ozone, a powerful oxidizing agent, for water disinfection. Ozone effectively eliminates bacteria, viruses, and other contaminants by breaking down their cell walls. It is a highly efficient and environmentally friendly disinfection method.

Advantages: Rapid disinfection, no harmful byproducts, and effective against a variety of microorganisms.

#### **Ultraviolet Disinfection Systems:**

Ultraviolet (UV) Disinfection Systems use UV light to inactivate or destroy the DNA of microorganisms, preventing them from reproducing. UV disinfection is a chemical-free and environmentally friendly method widely employed for water treatment.

Advantages: Effective against bacteria, viruses and parasites, no chemical residues and low operational cost.

#### **♦** Chlorination/Chlorine Dioxide Systems:

Chlorination involves the addition of chlorine or chlorine dioxide to water to disinfect it. Chlorine reacts with organic and inorganic matter, disrupting the cellular structure of microorganisms. Chlorine dioxide is a powerful oxidizing agent with strong disinfection properties.

Advantages: Reliable and widely used, residual disinfection effect & effective against a variety of pathogens.

# CHEMICAL DOSING ——SYSTEMS——



Natureflow Ventures specializes in advanced Chemical Dosing Systems, offering precision and reliability in the treatment of water for various applications. Our dosing systems incorporate a range of pumps, tanks and control devices to ensure accurate and efficient dosing of chemicals.



#### **b** Diaphragm Dosing Pumps:

Diaphragm Dosing Pumps are positive displacement pumps that use a flexible diaphragm to displace a chemical into the water. The diaphragm movement is often actuated by a mechanical linkage or solenoid. These pumps are ideal for accurate and controlled chemical dosing.

**Advantages:** Precise dosing accuracy, suitable for a wide variety of chemicals and low maintenance requirements.

#### Solenoid Dosing Pumps:

Solenoid Dosing Pumps utilize an electormagnetic solenoid to drive a piston or diaphragm, resulting in the controlled release of chemicals into the water. These pumps are known for their simplicity, cost-effectiveness and reliability in dosing applications.

Advantages: Cost-effective solution, suitable for intermittent dosing and easy to install and operate.

#### Motor Driven Dosing Pumps:

Motor Driven Dosing Pumps are powered by an electric motor, providing continuous and precise dosing of chemicals. These pumps are often equipped with adjustible stroke lengths and variable speed settings for flexibility in dosing rates.

**Advantages:** Continuous and consistent dosing, adjustible dosing rates and suitable for high-capacity applications.

#### **♦** Chemical Dosing Tanks:

Chemical Dosing Tanks are containers designed to hold and store chemicals before they are dosed into the water. These tanks are equipped with appropriate safety level features, mixing elements and level sensors to ensure controlled and safe chemical handling.

**Advantages:** Secure storage of chemicals, integration with dosing systems and ease of maintenance.



# DEMINERALIZATION — TECHNOLOGY—

Natureflow Ventures specializes in Advanced Demineralization (DM) Plants, providing reliable solutions for the removal of dissolved minerals and ions from water. Our DM plants employ cutting-edge technologies to ensure the production of high-quality demineralized water for various industrial applications.

## Simplex DM Plant Systems (On-Site & Off-Site Regeneration):

Simplex DM Plants are designed for the on-site or off-site regeneration of ion exchange resins used in the demineralization process. The ion exchange resins selectively remove cations and anions, producing demineralized water. On-site regeneration allows for continuous operation, while off-site regeneration involves the exchange of spent resin with regenerated resin.

**Advantages:** Continuous demineralized water production, flexibility in regeneration options and efficient ion exchange.



#### **b** Duplex DM Plant Systems (On-site and off-site Regeneration):

Duplex DM Plants provide redundancy and continuous operation by incorporating two demineralization units that can alternate during the demineralization process. Similar to the simplex system, both on-site and off-site regeneration options are available for optimized performance.

**Advantages:** Uninterrupted demineralized water supply, increased reliability and flexibility in regeneration methods.

#### **♦** EDI System (Electrodeionization):

EDI Systems use an electrochemical process to continuously regenerate ion exchange resins without the need for chemicals, EDI removes the ions from water by applying an electric field, resulting in high purity demineralized water.

Advantages: Chemical-free regeneration, continuous operation and consistent water quality.



#### ♦ High Accuracy EDI System for Output of 18 Ohm:

High Accuracy EDI Systems are designed to achieve specific water quality standards, often measured in terms of resistivity. An output of 18 Ohms indicate a high level of demineralization and purity in the produced water. These systems are suitable for applications requiring ultra-pure water

**Advantages:** Precision in acheiving targeted water quality, suitable for critical industrial processes and compliance with stringent purity standards.

# **BOTTLING PLANTS**



Natureflow Ventures offers cutting-edge bottling solutions tailored to meet diverse client needs. Our range includes semi-automatic and fully automatic bottling plants, designed to deliver efficiency, precision, and reliability. From water purification to bottling and packaging, our plants ensure the highest standards of hygiene and quality. With advanced technology and customizable options, we provide seamless solutions for industries of all scales, ensuring your products reach the market with excellence.

## Packaged Drinking and Natural Mineral Water Plant:

Natureflow Ventures specializes in designing and delivering state-of-the-art packaged drinking and natural mineral water plants. These plants are equipped to purify, process, and package water while adhering to stringent quality and safety standards. Our advanced systems guarantee reliable operations, hygiene, and unmatched water quality, tailored to meet your business needs.

**Applications:** Ensures safe, purified water for commercial distribution in bottles and containers. Preserves and packages naturally sourced mineral water while maintaining its mineral composition and purity. Supplies high-quality water for beverages, food processing, and other manufacturing industries.



## Ready to Serve (RTS) Juice and Carbonated Soft Drink (CSD) Plant

Natureflow Ventures delivers advanced RTS Juice and CSD plant solutions, designed to streamline the production of high-quality beverages. Our plants are equipped with cutting-edge technology for precise formulation, blending, and packaging, ensuring efficiency and consistency. Our turnkey solutions ensure compliance with food safety standards, offering scalable options for small to large-scale operations.

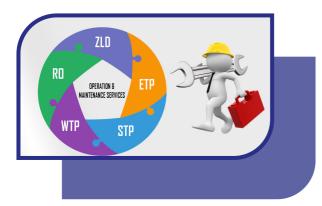
**Applications:** Facilitates the processing, sterilization, and packaging of ready-to-drink juices with preserved flavors and nutritional value. Enables carbonation, bottling, and labeling of soft drinks while maintaining product quality and taste. Supports a wide range of beverages, from fruit-based drinks to fizzy sodas, tailored to client specifications.

# O&M (OPERATION AND MAINTENANCE)

We go beyond providing cutting-edge water treatment solutions; we offer a comprehensive suite of O&M and other services to ensure the continued efficiency, reliability and longetivity of our systems. Our commitment to customer satisfaction extends to personalized after-sales services and support.

#### Operator Training and Customer Services:

We offer operator training to ensure that your personnel are well-versed in the operation and maintenance of our water treatment systems. Our customer services are dedicated to addressing inquiries, providing assistance and ensuring a seamless user experience.



#### Systems Installation/O&M Contracts and log book:

We provide professional installation services for our water treatment systems. Additionally, we offer Operation and Maintenance (O&M) contracts, ensuring regular upkeep and monitoring. A comprehensive log book is maintained to record system performance, maintenance activities and relevant data.

#### **♦** Spare Parts and Consumable Supply:

We ensure a reliable supply of genuine spare parts and consumables for your water treatment systems. This guarantees that replacements and consumables are readily available, minimizing downtime.

#### **♦** Water Audit/ Consulting:

Our water audit and consulting service involves a thorough assessment of your water usage, treatment needs and system performance. We provide expert advice and recommendations for optimizing water treatment processes.

#### **▲** Preventive and Routine Maintenance Service:

Our preventine and routine maintenance services are designed to proactively address potential issues, ensuring the continuous and reliable operation of water treatment systems. Regular checks, cleaning and components inspection is performed to prevent potential downtime.

#### Outsourcing of Plant Operation Services:

We provide comprehensive outsourcing solutions for the operation of water and wastewater treatment plants, ensuring seamless functionality, regulatory compliance, and optimal performance. Our skilled operators and engineers work round-the-clock to maximize efficiency and minimize downtime, allowing you to focus on your core business activities.

#### **♦** Plant Erection and Commissioning:

Our services include the professional erection and commissioning of water treatment plants. This involves the careful installation, testing and optimization of the system to ensure it operates at peak performance.

# Our Prestigious Clients

"At Natureflow Ventures, our journey is defined by the trust and confidence of over 50 esteemed clients spanning across India and international markets. We are honored to collaborate with organizations that share our vision of excellence in water and wastewater management.

These partnerships are a testament to our unwavering commitment to delivering world-class quality, exceptional customer service, and the timely execution of projects. Our ability to meet and exceed expectations has led to enduring relationships, with many clients returning to us for their future needs.

What sets Natureflow Ventures apart is our focus on building trust and delivering value beyond expectations. Our clients recognize the depth of our expertise, the precision of our solutions, and our reliability in meeting project timelines. This dedication to excellence has allowed us to grow and establish ourselves as a trusted partner in the industry.

As we continue to expand our footprint globally, we remain committed to nurturing long-term partnerships and upholding our promise of quality and innovation in every project we undertake."























