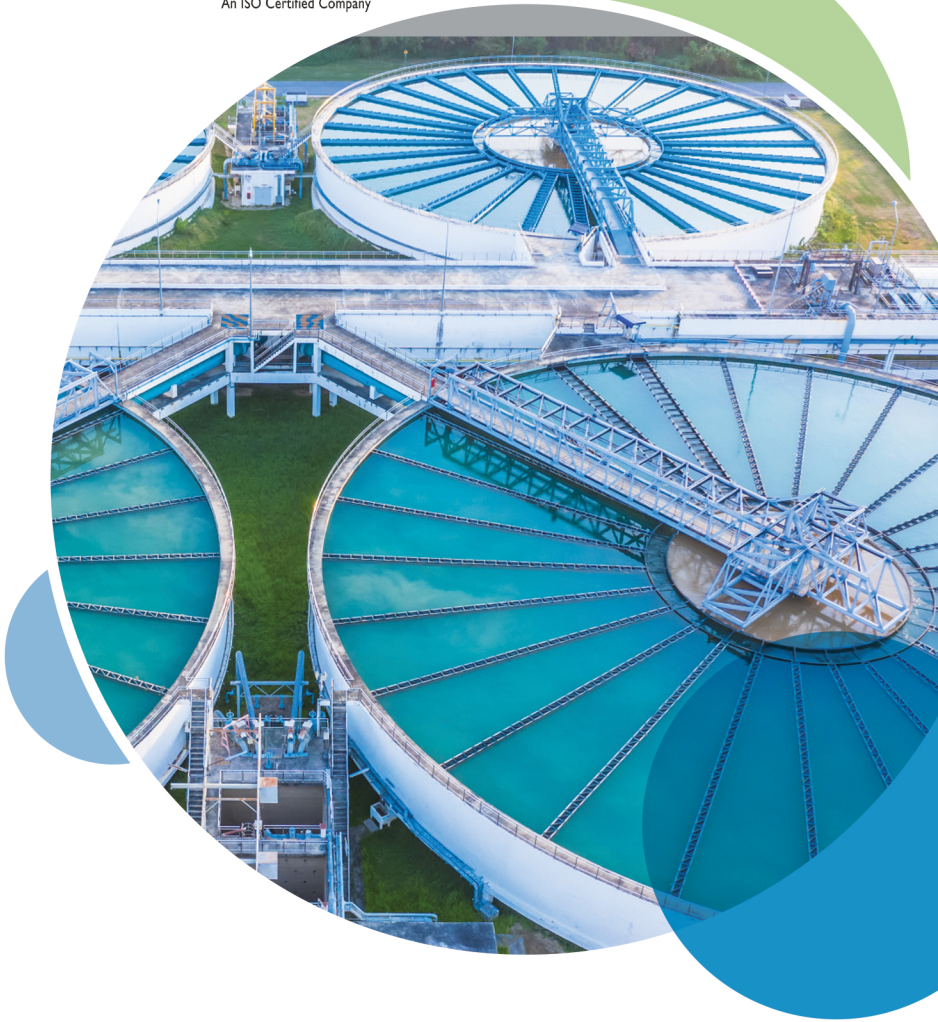




**Vasudev Water Solution**  
Industrial Water Solutions  
An ISO Certified Company



We Provide  
**SUSTAINABLE**  
Water Management Solutions

# WELCOME TO Vasudev Water Solution Industrial Water Solutions

Vasudev Water Solution, created in 2007 is an ISO 9001:2008 Certified Company Indian water technology company providing comprehensive solutions for the treatment of water for consumption, reuse or disposal. Its main goal is developing, designing, manufacturing and installing environmentally friendly water treatment and purification systems for the industry by means of Saving Water. Originally, the organization's main focus was around water disinfection, oxidation and recycling technologies.

Now Vasudev Water Solution in collaboration with technology consultants can deliver full-scale turnkey systems for any industry. We provides water treatment solutions for all type of applications, from designing domestic plant, commercial plant to industrial turnkey plants. Our wide range of technologies and extended know-how in all water-related sectors will guarantee you a cost-efficient solution meeting your water quality requirements. We deals daily with clients from various origin such as municipalities, water bottlers, hotels and resort requiring safe drinking water for their visitors, farmers needing specific irrigation water for their plants, but also industries like chemical factories, Pharmaceutical, Effluent treatment requiring specific process water for their equipment.





## Solutions & Products

INDUSTRIAL SOLUTIONS

SIDE STREAM FILTERS

PRESSURE SAND FILTER

MULTIGRADE FILTER

ACTIVATED CARBON FILTER

WATER SOFTENERS

PACKAGE WATER TURNKEY PROJECT

EFFLUENT WATER TREATMENT PLANTS

SEWAGE TREATMENT PLANT

# INDUSTRIAL REVERSE OSMOSIS PLANT

Our skid-mounted reverse osmosis plants range from tap water, brackish water to seawater desalination and cover all type of application including drinking water, irrigation water and process water. Our Supply includes capacities from 10LPH to 1000m3 We are an established manufacturer, supplier and exporter of reverse osmosis plants. our reverse osmosis plants have excellent spirally wounded thin film composite membranes and frp or stainless-steel housing. we are capable of customizing the osmosis plants to suit individual requirements of output water ranging from normal drinking application to usage in food processing plants. one can obtain the osmosis plants at nominal rates from us.

## Features:

- A pre validated & pre tested skid mounted solution.
- Complies and supersedes latest Us, European & Indian pharma standards for purified water generation and distribution.
- Designed & manufactured as per pharma engg and industrial standards
- CGMP & GAMP compliance
- Standardized product fast track delivery reduced time & compliance cost



# SIDE STREAM FILTERS

Our company's name figures in the list of renowned manufacturers, suppliers and exporters of side stream filters. the side stream filters we make available are manufactured in compliance with set industrial norms. our side stream filters are capable of removing large biological growths and dead organisms. bulk orders of the stream filters are processed by us as per the specific requirements of the buyers.

## Features:

- High performance
- Reduced maintenance costs
- Long working life

## Benefits:

- Once a problem has been recognized, several benefits can result from the use of a side stream filter. obviously, not all of those listed below apply to all systems, and good judgment must be applied before making any claims. however, bearing that in mind, the following benefits can be realized:
- Since solids are removed from the system, the corrosion inhibitor will lay down its protective film on clean rather than dirty surfaces, there by reducing corrosion rates and increasing equipment life.
- When used with good chemical treatment, the filter will keep the system much cleaner, and, as a result, the need for mechanical cleaning of exchangers and sumps is reduced.
- A cleaner system means better heat-transfer rates for longer periods of time.
- In some cases, the removal of suspended solids from the circulating water allows higher cycle.
- Large biological growths and dead organisms are removed with a side stream filter. this reduces chlorine demand and makes non oxidizing biocide more effective.



# ACTIVATED CARBON FILTER

The company is an eminent Manufacturer, Supplier and Exporter of Activated Carbon Filter. Activated Carbon Filter we make available is designed to treat different forms of water. Our Activated Carbon Filters are efficient turbidity & TSS removal. Owing to our brilliant logistics network, we are capable of delivering bulk orders of the Filters within the promised timeframe. Buyers can obtain the Filters at reasonable rates from us.

## Features:

- Easy to operate
- Resistance to corrosion
- Better efficiency

## Specification:

- Adsorption from 12 in. to 12 ft OD
- Single or multiple carbon adsorption systems
- In series or in parallel operation
- ASME code or non-code vessels
- Carbon steel or stainless-steel construction
- Automatic or manual valves

## Other Details:

- Sand filter for removal of suspended solids up to minimum level
- Multi Graded filter for high velocity flow rates of reduced area of filtration, in depth filtration
- Activated Carbon Filter for removal of free chlorine
- Phenol taste and odor as well as reduction COD/BOD
- Gravity Filter for Housing & Hotels and municipal water supply



# WATER SOFTENERS FILTER

- We are a distinguished Manufacturer, Supplier and Exporter of Water Softeners. Designed using advanced technology; our Water Softeners are suitable for deionizers, demineralizers, and dealkalizers. Few words that better describe our Water Softeners are high weather resistance, leak proof design, and robust construction. We have all the in-house capabilities to meet bulk orders of Water Softeners in time. Buyers can obtain the Water Softeners at affordable rates from us.

## Features:

- Weather resistance
- Leak proof
- Strongly built

## Applications:

- Potable water
- Contact process water
- Boiler & reactor feed and make-up water
- Cooling tower make-up water
- High purity water
- Large laundry and restaurant facilities
- Protection of heat transfer elements and spray nozzles
- Pre-treatment for reverse osmosis or deionizer systems
- Wastewater re-use
- Groundwater remediation



# PRESSURE SAND FILTER

Our company has cemented its presence among the well-known Manufacturer, Supplier and Exporter of Pressure Sand Filters. Pressure Sand Filters we make available are used to remove suspended solids from water and wastewater. Our experts carry out strict quality-tests on the Filters before the final dispatch. Buyers are free to place bulk orders of the Filters with us and we ensure their timely execution.

## Features:

- High durability
- Extreme performance
- Less maintenance

## Application:

- Irrigation water
- Storm water
- Cooling water
- Swimming pool water
- Water in fountains
- Industrial process water
- Waste water
- Potable (drinking) water

## Specification:

- 8 in. to 12 ft. diameter vessels
- Automatic or manual operation
- All steel construction (ms)
- ASME code or non-code vessels
- Hydraulic, pneumatic or electric valves
- High pressure and temperature options
- Class 1, Div. 1 or 2 preparation





# MULTIGRADE FILTER

- We are a trusted Manufacturer, Supplier and Exporter of Multigrade Filters. The Multigrade Filters we make available are manufactured using quality-tested components and the latest technology. Our Multigrade Filters are extensively used to filter seawater and chemical solutions. Owing to our brilliant logistics network, we are capable of delivering bulk orders of the Filters within the promised timeframe. Buyers can obtain the Filters at reasonable rates from us.
- Multigrade filter is a depth filter that makes use of course and fine media mixed together in a fixed proportion.
- This arrangement produces a filter bed with adequate pore dimensions for retaining both large and small-suspended particles.
- This filter performs at a substantially higher specific flow rate than conventional filters. It is extensively used in side stream filtration of cooling water and in potable water treatment.
- It is ideal for filtration of clarified water.

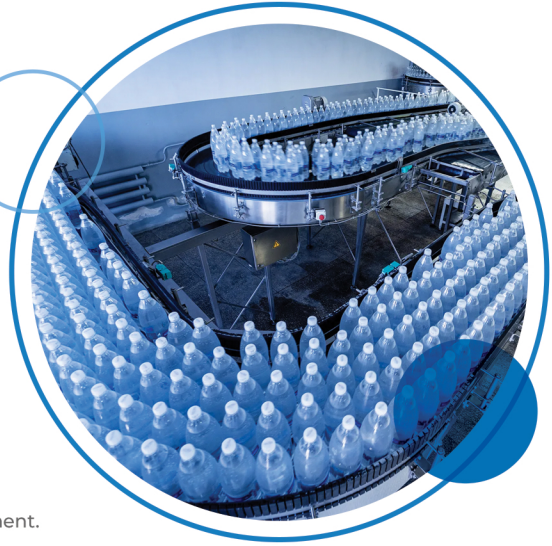


# PACKAGE WATER TURNKEY PROJECT

We manufacture commercial bottling equipment for the bottled water industry, one of the fastest growing industries in the world. Since the beginning of A Packaging Systems, we have been working with water bottlers of every size and stage of business, from start-ups to many of the leading independent water bottlers in the nation. In addition to our own manufacturing capability, we represent quality manufacturers from around the world so we can deliver solutions at the quality you expect and the performance you need, all within your budget.

We are your complete source for water bottling equipment.

Beginning with water pretreatment and purification systems including UV sterilization, water ozonation, deionization, reverse osmosis, water distillers, and commercial water softeners.



## DEMINERALIZED WATER PLANT

The water which is natural has several dissolved salts in diluted form which can be harmful to health. We as a prominent Demineralization Plant Manufacturer and Supplier, have taken the initiative to develop Demineralized Water Plants which has the capacity to remove harmful salts and minerals from water making it pure, potable and drinkable. Our Demineralized Plants are designed in a way that makes it easy to install and simple to operate.

### Features:

- Easy to install
- Simple to operate
- Complete with regeneration equipment & control
- Remove harmful salts and minerals from water

### Main Components:

- Mild steel/FRP pressure vessels provided with internal fittings.
- Initial charge of cation and anion exchange resin
- One set of frontal pipe work & valves.



# EFFLUENT WATER TREATMENT PLANTS

We are one of the trusted Effluent Wastewater Treatment Plant Manufacturers, based in India. We offer a wide gamut of Effluent Water Treatment Plants that are designed to treat the effluent coming from different areas of the plant. The treatment of different effluents varies with the type of effluent. Our Effluent Wastewater Treatment Plants are used for treatment of water, waste water and liquid having suspended and colloidal particles. The Water treatment plants supplied by us works on the principle of settling under gravity through in-tilted plates within large projected surface area.

## Features:

- Easy Installation
- Simple to operate
- Made as per international standards
- Durable
- Effective Treatment of contaminated water

## Water Effluent Treatment

Water effluent treatment plant is designed to treat effluent mainly containing oily effluent. The oily water from the Transformer Area, Turbine building, Workshop, etc is collected in common collection sump from where water is pumped through the Plate Interceptor. Oil separated from Plate Interceptor is collected in drums & clear water is lead to central monitoring basin through gravity. Sludge generated from the Plate Interceptor is led to the Sludge Pit for further treatment.

## Service Water Effluent Treatment

The system is envisaged for treatment of effluent mainly containing turbidity and suspended solids. Service water washing effluent from different areas is collected in common collection pit and then pumped to the flash mixer where chemical mixing takes place.

The effluent is dosed with Alum, Lime and Polyelectrolyte to coagulate and flocculate the suspended / colloidal matter. Water then flows through the flocculation tank for flocculation and is finally carried over to tube/lamella settler through gravity where clarification of water takes place. Clarified water is then led to common monitoring basin through gravity. Sludge generated in the process shall be collected and pumped for further treatment.

## Sludge Handling System

Sludge collected from different clarifiers is pumped through the Sludge Thickener. Thickened sludge is the further pumped to centrifuge. Sludge cakes generated from centrifuge are disposed off. Supernatant is recycled back to the main clarifier.



# SEWAGE TREATMENT PLANT

We are a bracketed among the successful Manufacturers, Suppliers and Exporters of Sewage Treatment Plants. The Sewage Treatment Plants we make available are manufactured in compliance with set industrial norms. Our Sewage Treatment Plants are easy to install and maintain. We hold the expertise of delivering bulk orders of the Sewage Treatment Plants within the promised timeframe. One can obtain the Plants at market-leading rates from us.



## Features:

- Superior
- Consumption safety
- Solid

## Applications:

- Malls, Hospitals
- Office Buildings, Institutions
- Townships/Colonies

## Water Treatment Chemicals

For the chemical treatment of water a great variety of chemicals can be applied. Below, the different types of water treatment chemicals are summed up

**Algaecides** - Algaecides are chemicals that kill algae and blue or green algae, when they are added to water. We have copper sulphate, iron salts in this category.

**Boiler water chemicals** - Boiler water chemicals include all chemicals that are used for this application. We have Industrial Salt –NaCl, calcium carbonate, calcium sulphate, and calcium silicate.

**Disinfectants** - Disinfectants kill present unwanted microorganisms in water. There are various different types of disinfectants: Chlorine dioxide, Sodium Hypo chlorite, Sodium metabi sulphate.

**pH conditioners** -The pH is brought up or down through addition of basics or acids. We have Caustic Flakes and Hydrochloric acid (HCL).

**Scale inhibitors** - Antiscalents like Sodium Hypo chloride, Sodium metabisulphite (SMBS) as a antioxidant and Hydrochloric acid (HCL).

## Projects & Consultancy services

- Chemical and Pharmaceutical Process audit & Optimization.
- laying, cable tray, Documentation, as built & all kind of drawings, erectioand commissioning.
- ISO documentation.
- CGMP Design and Certification.
- Erection and Commissioning of Chemical plants.
- Basic and Detail engineering of Process plants.
- Boiler and Utilities Designing and Automation.
- TAC Approval, Designing, Installation and commissioning of Active and Passive Fire & safety system.

# TECHNICAL SUPPORT

We are always available to talk about any project that you might be planning. Our dedicated staff is well seasoned and has an eye for finding ways to solve problems geared towards economy, efficiency and ease of use. Putting customers in control of their solutions are what we do.

## Maintenance:

We can operate maintenance task on any water treatment technology within our scope of supply. You can also contact us for maintenance on your old equipment

## Installation:

We supervise installation and commission every single unit we provide, on client's request. Technician and / or engineers can be sent all over the world to set up your installation

## Consulting:

We specialized engineers provide on-site consulting, carry out on-site analysis and field test on-demand, anywhere in the world.

## OUR CLIENTS





# Vasudev Water Solution

## Industrial Water Solutions

An ISO Certified Company

### Reg:

Shop No. 621, At Post Tukwada,  
Surya Darshan, Tukwada,  
Vapi - 396191, Gujarat, India

### Correspondence Office:

C - 206 & 207, M CUBE The Business  
Hub, Opp. Vapi Taluka Seva Sadan,  
Balitha, N.H 48, Vapi -396191,  
Gujarat, India

### Mumbai Office:

2nd Floor, B – Wing, Satelite Gazebo  
Building, Near Bisleri Factory,  
Andheri-Ghatkopar Linking Road,  
Andheri (E), Mumbai – 400093,  
Maharashtra, India