SuccesS
Water Treatment

A Symbol of Purity

An ISO 9001:2008 Certified Company

Profile

Success Water Treatment is a single source manufacturer offering totally integrated water treatment solutions. Vertical integration through our recent acquisitions combined with 10 years of expertise and knowledge in the water treatment industry places us clearly above industry competition. Our core strength lies in designing customized plants and assemblies with the use of cutting edge technology.

Success Water Treatment has the infrastructure and expertise to design, develop and manufacture customized plants based on the client's specifications. Success Water Treatment is a market leader in Water Technology and one of the few companies in the world which manufactures a complete range of Water Equipment under one roof on turnkey basis

Our Products

- Reverse Osmosis plant
- Mineral Water Plant and machinery
- Domestic & Commercial Reverse Osmosis plant
- Water Softening Plants FOR BUNGLOWS AND INDUSTRIES
- D M Plants
- Nano Filtration Systems
- Ultra Filtration Systems
- UV Sterilizers
- Swimming Pool filtration systems
- Sewage Treatment Plants & Grey Water Treatment Plants
- Effluent Treatment Plants

RO Sparess

- RO Membranes
- FRP Vessels
- RO Pressure Tube
- Anti Scalant Dosing Chemical
- Micron Cartridges Filters

Infrastructure

Infrastructure plays a vital role in promoting a company. Keeping in view the importance of infrastructure we have all the modern and latest technique equipments in our company. And also have highly trained personnel to work on these technically advanced machines

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Mineral Water Plant & Accessories

THIS MINERAL WATER SYSTEM COMPRISES OF

Raw water Pump	High Pressure Pump
Chlorine Dosing system	Reverse Osmosis
Multi Media Filtration	Stainless Steel Storage Tank 2 No.
Activated Carbon Filtration	Micron Cartridge Filtration (0.2 Micron)
Ultra Filtration (Optional)	UV Sterilization
Anti scalant dosing system	Ozone Disinfection

Pouch Packing Machine

Pouch packing machine feeding head gravity flow with float balance tank production speed 45-50 pouch per minute; packing range 100-500 ml; film thickness 60-80 microns; film width 225 to 325 mm; film material co-extruded poly virgin film heating system continues pouch style central seal pillow pouch.

- Pouch Width : 100-150 mm
- Pouch Length : Upto 150 mm.
- Power Consumption : 1.2 KW /hr.
- Power Requirement : 220 v, 1 ph. 50 Hz.

Technical Specification

- Filling Range : 100 ml to 1000 ml
- Pouch Shape : Square & Rectangle
- Weight : 425 kg
- Dimensions : 1700(H) X 800(W) X 1200 (D) mm

Semi / Fully Automatic Bottling Plants

We offer a high quality range of ASWS series machines that is fully automatic and offers an integration of washing, filling and capping facility. In order to ensure ease of use, these machines have the latest man – machine interface control technology, along with a number of automation as well. Our range works on the hanging neck holding method to ensure that the bottle change over process takes place easily and conveniently. it is due to the high utility and effective performance of our range that it can be used to pack mineral water, fruit juice, squash and other beverages that require filling at a high temperature, by changing a few parts.

Technical Specification

- Filling range : 250 ml to 2000 ml
- In feed Conveyor : 4-6 ft.
- Out feed Conveyor : 12 ft
- Filling Tank : 100 Ltr With auto level system
- Output : 24 to 60 B.P.M (1 Liter)

Jar Washing Machine

Features

- Jar washing unit with hot & cold water
- SS Square pipe Structure
- SS tank for holding
- SS pump ensure to proper wash
- Time base washing

Overall Dimension : 1500 X 500 X 1200
Electric : 0.5 HP pump - 2 Nos.
AC heater : 2 Kw
Supply : Single Phase 220 V

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Industrial RO Plant

ADVANTAGES

- The most economical &efficient method of dissolved solids removal.
- Easy to startup and uses very little space on solids in feed water.
- Can handle fluctuations of total dissolved solids removal.
- Easy availability of spares and service.
- Short delivery periods.

APPLICATION

- Hygienic drinking water hotels ,restaurants, hospitals and residences.
- Mineral water plants.
- High purity water for hospital for use in dialysis units.
- As a retrofit to demineralisations plants in industries to reduce regeneration chemicals.

SPECIFICATIONS

- Cartridge pre-filter for FRP pressure vessels.
- Spiral wound membrane elements of polyamide type.
- Multistage pump made of 316 stainless steel.
- TEFC pump motor.
- 316 stainless steel high pressure piping.
- Low feed pressure switch for pump protection.
- Motor starter with disconnect switch.
- Motor contractor with thermal overload protection.
- Sample valves for feed, product and concentrate.
- Concentrate check valve.
- Product check valve.
- Automatic feed shut-off valve.
- Cleaning connections.
- Full control panel instrumentation.
- Pump discharge pressure indicator.
- Feed and concentrate flow meters.
- Conductivity meter.
- Power on light.
- Fault alarm.
- Post shutdown system flush.

Water Softener Plant

ADVANTAGES

- The most economical &efficient method of total hardness removal.
- Easy to startup and uses very little space on solids in feed water.
- Can handle fluctuations of total dissolved solids removal.
- Easy availability of spares and service.
- Short delivery periods.

APPLICATION

- Hygienic soft water hotels, restaurants, hospitals, Textile, Chemical, Pharma and Residences.
- Mineral water plants.
- High purity water for hospital for use in dialysis units.
- As a retrofit to demineralization plants in industries to reduce regeneration chemicals.

DM Plant

PROCESS DESCRIPTION

There are two basic kinds of demineralizer systems, separate-bed and mixed-bed. In a separate-bed system, cation resins and anion resins and anion resins are loaded into separate pressure vessels. During the service cycle, water passes through the cation bed first, where undesirable positive ions (cations) such as sodium (Na+), calcium (Ca+2), and magnesium (Mg+2) are exchanged for hydrogen (H+) ions. The water next passes through the anion bed, where a similar process removes undesirable negative ions (anions) such as chloride (Cl-), sulfate (SO4-2), and bicarbonate (HCO3-), replacing them with hydroxyl (OH-). Pure water is produced from the combination of hydrogen and hydroxyl ions. In a mixed-bed system, also referred to as a polisher, the cation and anion resins are loaded into the same vessel.

ADVANTAGES

- The most economical &efficient method of dissolved solids removal.
- Easy to startup and uses very little space on solids in feed water.
- Can handle fluctuations of total dissolved solids removal.
- Easy availability of spares and service.
- Short delivery periods.

Ultrafiltration (UF)

APPLICATION

Removal of virtually all particulate matter, suspended solids, bacteria, viruses, and pyrogenic species from pharmaceutical and industrial process water.
Removal of colloidal material (non-reactive silica, iron, aluminum, etc.)
Removal of high molecular weight organic.
Therefore, the product stream will contain water, ionic species, and low molecular weight material, whereas colloidal matter, particles, bacteria, viruses and pyrogenic species will be rejected by the membrane.
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Filtration Plant

ADVANTAGES AND DISADVANTAGES

Sand filters can be highly effective storm water best management practices. Sand filters achieve high removal rates for sediment, BOD, and focal coli form bacteria. The filter media is periodically removed from the filter unit, thus also permanently removing trapped contaminants. Waste media from the filters does not appear to be toxic and is environmentally safe for landfill disposal. If they are designed with an impermeable basin liner, sand filters can also reduce the potential for groundwater contamination. Finally sand filters also generally require less land than other best management practices, such as ponds or wetlands. The size and characteristics of the drainage area, as well as the pollutant loading, will greatly influence the effectiveness of the sand filter system. For example, sand filters may be of limited value in some applications because of they are designed to handle runoff from relatively small drainage areas and they have low nutrient removal and metal removal capabilities. In these cases, other best management such as wet ponds, may be less costly and/or more effective. The system also requires routine maintenance to prevent sediment from clogging the filter. In some cases, filter media may need to be replaced 3 to 5 years. Lastly, sand filters generally do not control storm water flow, and consequently, they do not prevent downstream stream bank and channel erosion. Climatic conditions may also limit the filters performance. For example, it is not yet known how well sand filters will operate in colder climates or in freezing conditions excess flow.

Sewage Treatment Plant

The basic technology generally used for the treatment of Sewage is activated sludge process. This applies to both small and large processing plants and the difference lies in the arrangement and enhancement of the various sections of the process.

The activated sludge process is a natural process and nature offers us a unique solution to treat sewage. Nature has provided a special balance in this process in that the micro organisms present when the food levels are high, will also consume the largest amount. This allows the quick breakdown of the BOD levels to more reasonable levels.

Once these levels are reached, other microorganisms, which are heavier and less mobile, will reduce the BOD levels further, until the final acceptable standards are obtained

The fact that the last organisms are large and heavy, allows us in practical terms to settle these organisms out very efficiently, producing a clear liquor.

To balance the process, we can identify four major sections in a activated sewage plant system:
Collection and anaerobic storage
Aeration of the Sludge
Setting of the sludge removing all solids
Chlorination and phosphor removal to bring the final effluent up to the required standard.

These sections are repeated in the different systems available. Only the anaerobic stage is not always required, depending on the solids removal systems proposed.

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RO SPARES

We are leading manufacturer and supplier of RO Spares and Accessories to our valued clients. Our range of spares are designed and developed in strict conformation with the various quality norms. Each of our product is designed to ensure that your reverse osmosis and desalination plant installations operate at peak performance. Moreover, their compact design and performance enable easy installation and help in delivering satisfactory performance. As per the specific requirements put forth by our clients, we fabricate these spares in distinct sizes and specifications.

We offer the following types of spares:

- Cartridge filters
- Activated carbon
- Filter media
- All Type of Membranes
- Dosing pumps
- Filter housings
- Pressure tubes
- Pressure vessels
- High Pressure Pumps
- Pressure Buster System
- Multi Port Valves
- Micron Cartridge filter Housings
- Electric Pane

Water Treatment Chemicals

Our Water Treatment Chemicals are extensively used to make the water chemically safe and ideal for industrial, domestic and household purposes. Moreover, these chemicals are added to water at various stages of water treatment, so as to prevent Scale Formation, Corrosion, Sludge Accumulation, and Foaming. Also, our chemicals are quality-tested on various parameters and ensure 100% purity. The chemicals that we offer include RO antiscalant, Boiler chemical, Cleaning chemical, Cooling towers chemical and Softener resin, which can be availed at cost effective prices.

- High Quality Products
- Competitive Rates
- Timely Deliveries
- Consistent Supplies
- Prompt Services
- Total Quality Assurance

Clientele

We are able to fetch plenty of customers in a very short span of time. We firmly believe in maintaining long term relationship with our valuable customers. Through our reliable and inexplicable solutions to our customers we have gained victory over their trust.

- **Claris Lifesciences ltd, Ahmedabad**
- **Mittal Engineering Works, Pune**
- **Overlilkon Ralzer Coating Ind Ltd, Bavla**
- **J N chemical, vatva**
- **Kadmawala textile Pvt Ltd, narol**
- **Shree Maa Ice plant , Dungerpur**
- **Xcelris Labs Ltd., Vastrapur**
- **Police Camp, Kheda**
- **Shambhu Textiles Pvt. Ltd., Narol, Sarkhej**
- **Global Import Export, Dholka**
- **Chamak Paints, Chhatral**
- **Sonia Fisheries Pvt ltd, Taloja, Pune**
- **Ajmera Developers, Maharashtra**
- **Rajhans Reality, Maharashtra**
- **IIT, Gandhinagar, Gujarat**
- **Megha Company, Gujarat**
- **Mitali Sales, Lonavala**
- **Jain Irrigation Systems Ltd, Jalgaon, Maharashtra**
- **Silver Star Exports, Porbander, Gujarat**
- **Prixit Ind. Ltd, Sanand, Gujarat**
- **R K Foods Pvt Ltd, Mangrol, Veraval**
- **Rida Minerals,Karnataka**
- **Yoo Minerals, Ankleshawer**
- **Patidaar Beverages, Sarkhej**
- **Kumbh Minerals, Kadi**
- **Spring Ion Exchange, Ahmedabad**
- **Veer Enterprise, Ahmedabad, Gujarat**
- **Neel Water Care Technology, Nasik, Maharashtra**
- **Pratham Enterprise, Mahesana, Gujarat**
- **Unique Water, Mahesana, Gujarat**
- **Ganga mineral Water, Surendranagar**
- **Shreeji Mineral water, Gandhinagar**
- **Rajyoday Mineral Water , chittorgadh**
- **Krishna Mineral Water ,Dungerpur**

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