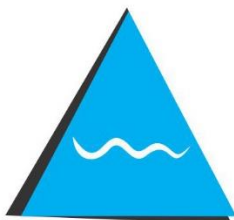
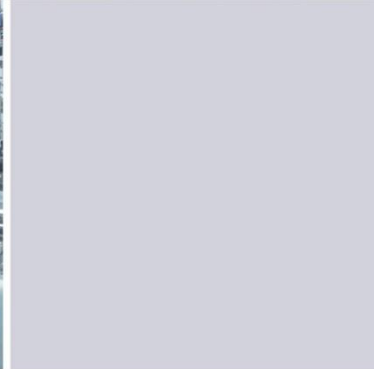
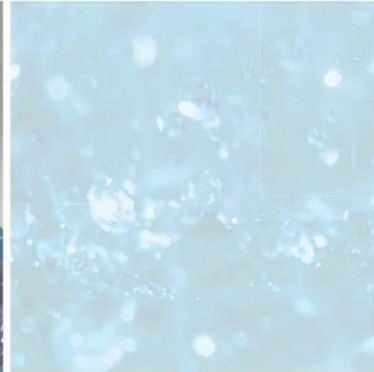
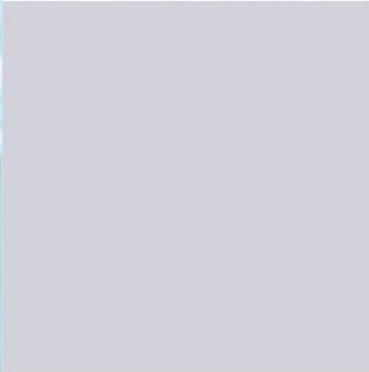


Value Added Services
SINCE 1999



APURVA[®]
WATER MANAGEMENT SYSTEMS PVT. LTD.
WATER - TODAY'S RESOURCE,
TOMORROW'S TREASURE

APURVA WATER MANAGEMENT SYSTEMS PVT. LTD. is a Water-Business Corporation, Headquarter in Ahmedabad, India. We are into Managing Water since 19 Years to give the Value Added Services. We manufacture plant which treats the water from their source and Being Consumed in different Processes like Utilities (Boiler, Cooling Tower, and Chillers etc.), Drinking and Beverages, Pharmaceutical Application for the Pure Water Generation as per USP-36 Grade and Distribution Systems etc. Also, We Supply the Spares, Chemicals and Consumables for Water Treatment Plants along with AMC and O & M Contracts.

The following are our value added products which we design, manufacture, supply, Install & commission as per the customer's requirement.

- Pure Water Generation with Ultra Filtration, EDI & Distribution Systems
- Industrial Reverse Osmosis Plant (RO)
- Water Softening Plants (SF)
- Swimming Pool Filtration Systems.
- Ultra-filtration (UF)
- De-Mineralization Plant (DM)
- Filtration System
- Electro-deionization (EDI)
- Mineral Water Plant
- Sewage Treatment Plants
- Effluent Treatment Plants
- Reverse Osmosis Plant Spares & Consumables
- Special Anti-scalant Chemicals for R O Plants

We have supplied more than 250 Water Treatment System with different capacities & scheme in various industries like Pharmaceutical to meet the USP grade of Water, Food & Beverages, Textile Mills, Power Plants etc. We have undertaken more than 50 Annual Maintenance Contracts (AMC) & Operation Maintenance Contracts (O & M) for the Water Treatment System in which we impart our value added services in terms of cost optimization with technical enrichment.

We manufacture and supply Spares which includes RO Membrane, Micron Cartridge Filter, Housing, Pressure Tubes, Special Anti-scalant Chemicals, Cleaning Chemicals, Dosing Pump, Resin for Softening Plant & Mix Bed and any other requirements from small Nut to Complete Plant.

PURIFIED WATER GENERATION SYSTEM



AWMS, with its vast experience leading solution provider for Purified Water Generation System (PWGS) applicable for Pharma, Life Science, Healthcare and Cosmetics industry. We treat the water from source and can achieve water quality which are compliant to quality standards set by global regulatory bodies like USFDA, UKMCA, MHRA, WHO etc. Through our long journey in the water industry, we have successfully installed and commissioned no. of units with different schemes suitable to source.

As per USP Grade

pH : 5-7

Conductivity : < 1.3 μ S/cm @ 25 °C

Total Bacterial Count (TBC) : < 100 CFU / 10ml

Total Organic Carbon (TOC) : < 500 ppb

PURIFIED WATER STORAGE & DISTRIBUTION SYSTEM

Capacities of circulating pumps is selected so that there should be a minimum velocity of 1 – 1.2 m/sec & maximum velocity of 3.0 m/sec in all the sections of the distribution lines to ensure turbulent flow during normal operation to avoid bio-film formation .
Internal surface finish for loop piping should be less than 0.45 Ra
Distribution system should be supported in such a way to avoid sagging during sanitization due to differential temperature.
Distribution loop will be provided with a slope of 1:100 to enable complete drainability



ULTRA FILTRATION



Ultra filtration is a separation process using membranes with pore sizes in the range of 0.1 to 0.001 micron. Typically, Ultra filtration will remove high molecular-weight substances, colloidal materials, and organic and inorganic polymeric molecules including viruses, bacteria & pathogens.

AWMS offers UF plants as one of the products for sewage regulation as well as various water treatments, Pre treatment for RO plants & Post treatment for RO plant with automatic-semi automatic system with following type of Configurations :

- Plate-and-frame
- Spiral-wound
- Tubular

Each configuration is specially suited for some specific applications and there are many applications where more than one configuration is appropriate.

AWMS provide UF system in variety of materials, but polysulfide and cellulose acetate are the most common. Thin film composite membranes also used.

DE-MINERALIZATION PLANTS

DM Plant are ion exchange based systems, to be prepared tailor made according to the requirement. It is with options of manual operated systems and fully automatic system.

It comes with various options like followed by MB, CATPOL, Ultrafiltration and UV. MOC of the vessels are considered FRP or MSRL and piping MOC UPVC.

The post treatment UF Systems are built using hollow fibre membranes with less than 10 KD MWCO (Molecular Weight Cut Off). It is hot water (up to 85° C) sanitisable system.

Standard Features :

1. Ion exchange Vessels
2. Cation Resin of reputed make
3. Automatic / semiautomatic
4. Multiport valves / High quality Upvc piping & Valves
5. PLC based control panel

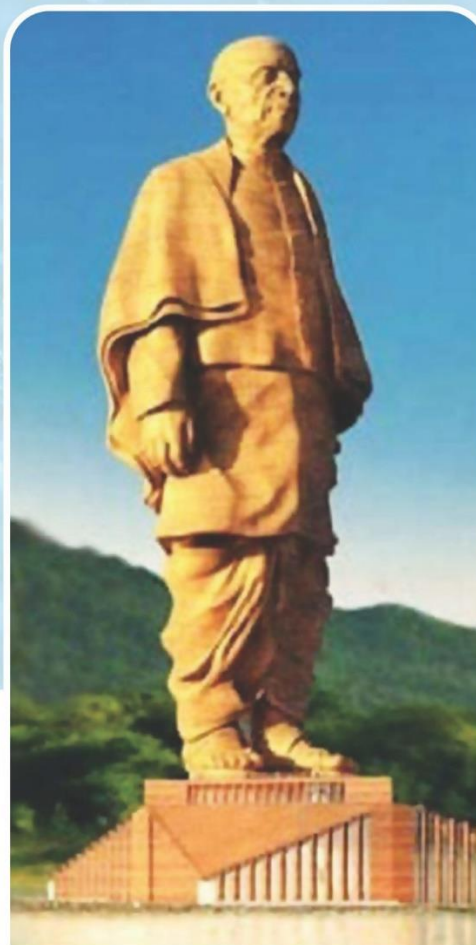


SEWAGE AND EFFLUENT TREATMENT PLANT



Apurva Water design, manufacture, supply and provide the services for the Sewage Water Treatment Plant and Effluent Water Treatment Plant. The system is designed to work on high MLSS and low HRT by using the state of art technology MBR that is Membrane Bio Reactor Which is highly sophisticated and less complicated.

Using various Modern technologies – like SBR, MBR, MBBR and Conventional – Like Activated Sludge, Aeration. Aerobic, Anaerobic are used to treat the waste water up to the level which parameters should be acceptable to Pollution Board.



APPLICATION :

CHEMICAL INDUSTRIES
DAIRY INDUSTRIES
FOOD & BEVERAGES INDUSTRIES
HOSPITAL INDUSTRIES
HOTEL
PAINT INDUSTRIES
PHARMACEUTICAL INDUSTRY
POWER PLANT
SEMI CONDUCTOR
TEXTILE INDUSTRY

We are proud to be associated
in making process of the
WORLD'S TALLEST STATUE
STATUE OF UNITY

