



Vedika Enterprises

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DEALS IN :

- Boiler Water / Cooling Water Treatment Chemicals.
- Waste Water Treatment Plants (STP/ETP).
- Water Treatment Plants- Softener, Pressure Sand Filter.
- D. M. & R. O. Plants.
- Swimming Pool Filterations & Chemicals.
- Mineral Water Bottling / Jar Plants
- ETP Chemicals & Polyelectrolyte.



DEMINERALIZES WATER SYSTEM (DM PLANT)

- ❖ DM Plant is used to remove total Ion (TDS) of Water.
- ❖ A demineralizer removes these minerals from the raw water by an ion-exchange process.
- ❖ Cation exchanger replaces all the positive ions with (H⁺) ions from water.
- ❖ Anion exchanger replaces all the negative ions with (OH⁻) ions from water.
- ❖ Polishing unit (Mixed Bed) is used to get outlet water TDS less than 1ppm.
- ❖ As per OBR (Output Between Regeneration) and Flow rate and custom made by design, FRP, M.S. Vessels.
- ❖ Available in various size from 200 LPH to 20000 LPH



REVERSE OSMOSIS SYSTEM (RO PLANT)

- ❖ Ro plant is used to removes ion (TDS) upto 95 to 98%from water.
- ❖ It also removes bacteria and virus resulting in good quality of water outlet.
- ❖ It mounted on SS 304/M.S. Power coated frame which gives a clean look and longer life.
- ❖ It is a separation process that uses pressure on membrane to give rejected water and permeate water.
- ❖ Available in various size from 250 LPH to 50000 LPH.



UF SYSTEM

Ultrafiltration is one membrane filtration process that serves as a barrier to separate harmful bacteria, viruses and other contaminants from raw water. An ultrafiltration water system forces water through a 0.02 micron membrane. Suspended particles that are too large to pass through the membrane stick to the outer membrane surface. Only fresh water and dissolved minerals pass through.



PHARMA RO EDI PLANT

- ❖ EDI is a water treatment technology that uses electricity, membrane and resin to remove ionized species from water.
- ❖ It is used for avoiding Regeneration part of other technologies and it gives a highly pure ultra-pure water.
- ❖ Ultra Purification water can be delivered to each point of use in the sterile distribution system without recontamination.
- ❖ The entire distribution system is to be made of SS316L EP stainless steels tubes, which are orbitally welded.
- ❖ Storage tank – SS316L and Jacketed with internally electropolished and externally matt finish.
- ❖ Available in various size from 100 LPH to 25000 LPH.



WATER SOFTNER

- ❖ Softner is used to remove hardness water like calcium and magnesium.
- ❖ Hardness of water get exchange by sodium ions and softened water to commercially zero ppm.
- ❖ Available in FRP and M.S. Vessels.
- ❖ Application – Boiler feed water, Raw Water, Effluent treatment plants etc.
- ❖ Applicable in various size like 500 LPH to 50000 LPH.



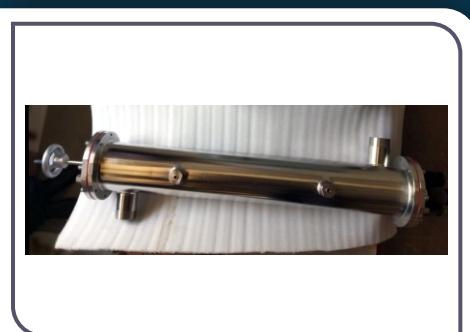
SEWAGE TREATMENT PLANT (STP)

- ❖ DM Plant is used to remove total Ion (TDS) of Water.
- ❖ A demineralizer removes these minerals from the raw water by an ion -exchange process.
- ❖ Cation exchanger replaces all the positive ions with (H+) ions from water.
- ❖ Anion exchanger replaces all the negative ions with (OH-) ions from water.
- ❖ Polishing unit (Mixed Bed) is used to get outlet water TDS less than 1ppm.
- ❖ As per OBR (Output Between Regeneration) and Flow rate and custom made by design, FRP, M.S. Vessels.
- ❖ Available in various size from 200 LPH to 20000 LPH



EFFLUENT TREATMENT PLANT (ETP)

- ❖ Ro plant is used to rem 8%from water.
- ❖ It also removes bacteria and virus resulting in good quality of water outlet.
- ❖ It mounted on SS 304/M.S. Power coated frame which gives a clean look and longer life.
- ❖ It is a separation process that uses pressure on membrane to give rejected water and permeate water.
- ❖ Available in various size from 250 LPH to 50000 LPH.



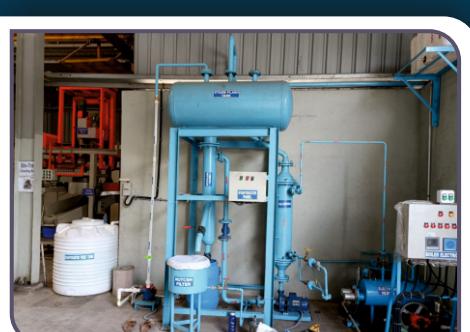
UV SYSTEM

- ❖ EDI is a water treatment technology that uses electricity, membrane and resin to remove ionized species from water.
- ❖ It is used for avoiding Regeneration part of other technologies and it gives a highly pure ultra-pure water.
- ❖ Ultra Purification water can be delivered to each point of use in the sterile distribution system without recontamination.
- ❖ The entire distribution system is to be made of SS316L EP stainless steels tubes, which are orbitally welded.
- ❖ Storage tank – SS316L and Jacketed with internally electropolished and externally matt finish.
- ❖ Available in various size from 100 LPH to 25000 LPH.



SAND FILTER / CARBON FILTER

- ❖ Sand filter are used for removing mud, dirt, turbidity & Suspended solids of water.
- ❖ Carbon filter is used for the reduction of excessive free chlorine, odour and to some extent organic matters.
- ❖ Available in FRP and M.S. Vessels.
- ❖ Application – Boiler feed water, Raw Water, Effluent treatment plants etc.
- ❖ Applicable in various size like 500 LPH to 50000 LPH.



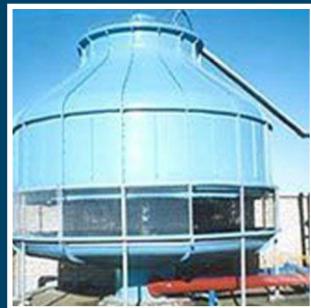
Small ZLD Evaporator System

- ❖ Small ZLD Evaporator system we supply for ETP RO plant reject evaporation up to 5KLPD, based on electric heating , or steam boilers ...we give ETP water Recycle system with UF, ETP RO and Evaporation unit for small ZLD projects...



Boiler Water Treatment Chemicals: We offer

- ❖ SCALE INHIBITOR (ANTISCALENT)
- ❖ OXYGEN SCAVENGER (CORROSION INHIBITOR)
- ❖ PH BOOSTER
- ❖ SLUDGE CONDITIONER
- ❖ CONDENSATE TREATMENT CHEMICAL
- ❖ DESCALING CHEMICAL



Cooling Water Treatment Chemicals: We offer

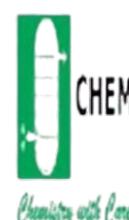
- ❖ SCALE AND CORROSION INHIBITOR
- ❖ WIDE RANGE BIOCIDES
- ❖ BIODISPERSANT
- ❖ SLUDGE CONDITIONER



RO Plants Treatment Chemicals: We offer

- ❖ RO ANTISCALENT
- ❖ RO ANTISCALENT HIGH SILICA
- ❖ RO MEMBRANE CLEANER ORGANIC
- ❖ RO MEMBRANE CLEANER INORGANIC

OUR ESTEEM CLIENT LIST



Retort Chemicals Private Limited