



EXISTING USERS

- Cargill India Pvt Ltd, Bhatinda
- Granules India Ltd., Hyderabad
- Aarti Industries Ltd, Tarapur (MH)
- SRF Ltd, Bhind (M.P.)

WE OFFER

- Spiral⁺ R.O. System Outright Sale
- Spiral⁺ R.O. System On Rental Basis &/or O&M Basis
- Spiral⁺ R.O. System Containerized / Movable Systems

SPIRAL⁺ R.O. APPLICATIONS

- Spiral R.O. Reject Water Treatment
- Cooling Tower Blow Down Recycle
- Cement Industry
- Renewable & Non-renewable Energy Segment
- Power Plants
- Fertilizer Industry
- Oil & Gas / Petrochemical Industry

Contact Us:

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Sugar & Distilleries

Textile Industry

Auto & Mini Steel Industry

Oil & Gas / Petrochemical Industry

Food & Beverages Industry
 Bore-well Water Treatment



Raw Water Treatment
 Spiral⁺ Reverse Osmosis Membrane System



Value-Added R.O. System
 for a Cleaner Environment

COMPANY PROFILE

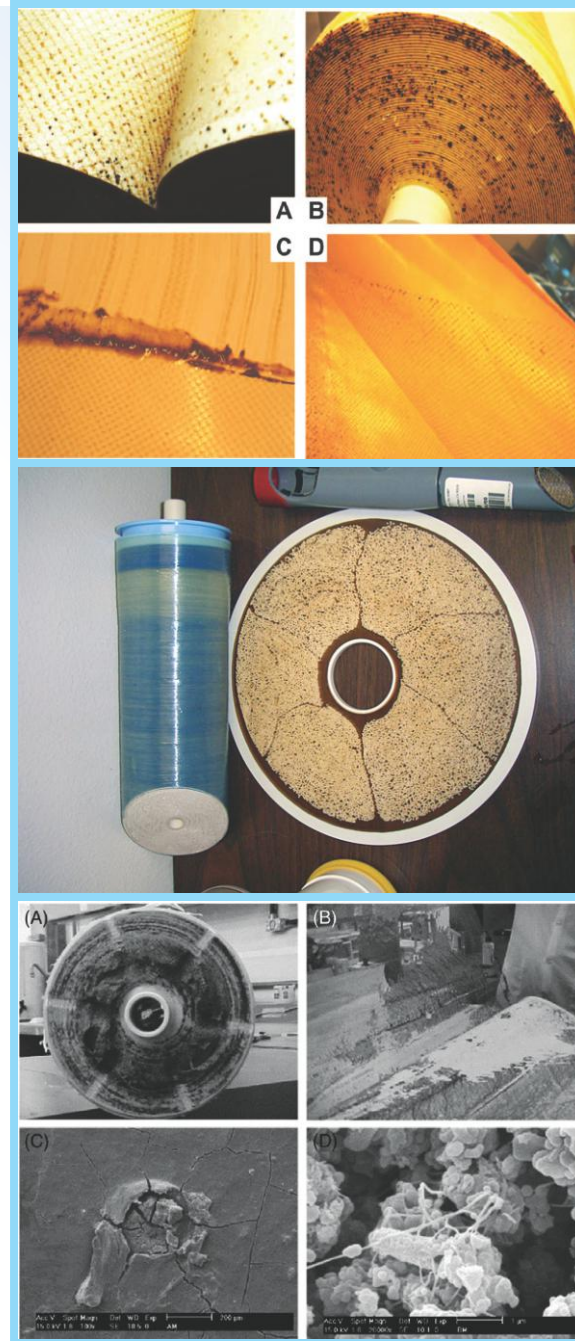
Founded in 1991, Rochem Separation Systems India Private Limited having its Corporate Office located at Mumbai, Maharashtra and its branches at New Delhi, Nagpur and Hyderabad, the company is involved in the field of Raw Water Treatment, Waste Water Treatment, Waste to Energy Treatment and with focus on membrane based systems, biological treatment of wastes and gasifiers for waste to energy projects as well as Sea Water Desalination and Brackish Water Treatment.

Today nearly 25 years of dedicated work & support from collaborators, our company is in a position to treat all kinds of Raw Water, Bore-well Water, River Water, Pond Water, Surface Water etc.

The company offers its technology to overcome the ever increasing water costs coupled with water shortages besides being reliable & in-expensive in the long run.

PRODUCT NEED

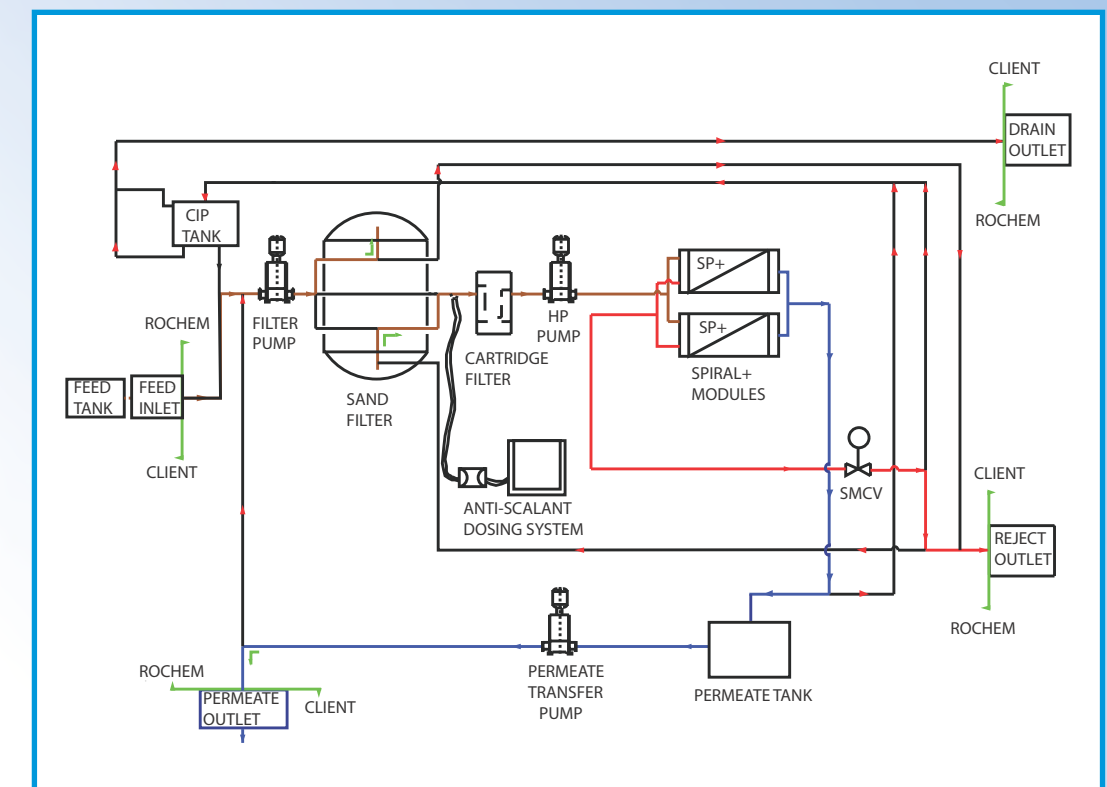
Spiral being an age-old technology has got wide-spread use. It has got lot of failures due to poorly designed pre-treatment, system hydraulics. It has got poor efficiency, high cost and higher energy consumption. So there is a pressing need for a better product with ease of operation, lower energy consumption and with reduced operational cost. Spiral⁺ R.O. membranes & system helps you get a better quality treated raw water for process application as well as for drinking purpose.



SPIRAL⁺ R.O. SYSTEM - Design Features

- Better Hydraulics
- Online PLC
- Low Energy Consumption Design
- Significantly Lower Replacement Costs
- Simpler Plumbing Systems
- Easier maintenance
- Greater Design Freedom than other configurations

SPIRAL⁺ R.O. STANDARD SYSTEMS



SPIRAL⁺ R.O. SYSTEM - Operational Features

- Lower Operating Costs
- Skid Mounted System
- Improved Energy Efficiency
- Ease of Operation
- Reduced Equipment Downtime
- Lowest Power Cost
- Robust Design
- No Elaborate Pretreatment Required

SPIRAL⁺ R.O. SYSTEM - Technical Features

- Typical Operating Flux: 10 to 30 LMH
- Operating Pressure: 10 Bar to 30 Bar
- Feed Water TDS : Upto 10,000 ppm
- Max Operating Temperature: 40 Degree C
- Temperature for CIP: 42 Degree C
- Max Pressure Drop (Over an element) : 0.1 to 0.8 Bar
- Feed SDI : < 5
- Turbidity : < 5 NTU
- pH Range : During Operation : 4 to 9
During CIP : 1.5 to 13

