



ENVIRONMENTAL SOLUTIONS UNDER ONE ROOF

EFFLUENT / SEWAGE TREATMENT & RECYCLING PLANTS



ETP AT SEKHSARIA CHEMICALS LTD.,
AMBARNATH

- Turnkey projects of ETP / STP from concept to commissioning
- Aerobic / Anaerobic treatments for organic effluents
- MBR systems
- Physico chemical treatment for inorganic effluents
- Proven processes for :
 - 100% Cyanide destruction
 - Waste coolant demulsification
- Upgradation of existing ETPs / STPs
- Effluent recycling systems using membrane technology

DIFFUSED AERATION SYSTEMS

- Energy Efficient aeration systems with 20% to 50% energy savings
- Diffusers and systems manufactured by EDI, USA, the world leaders in Tubular Fine Bubble Diffused Aeration Systems
- Membranes with larger diameter (90 mm, 117 mm) having more active surface area
- Choice of MOC like EPDM, Silicon base EPDM, PU, HTPU, Silicone, Teflon coated EPDM to suit various effluents
- Choice of Fixed and Retrievable type of installation
- Superior physical properties & engineering designs through 25 years of R&D work
- Quality products backed by Rieco's designing & Engineering expertise



TYPICAL FIXED GRID DIFFUSED
AERATION SYSTEM

MEMBRANE TECHNOLOGY



RO SYSTEM FOR WATER TREATMENT AT
SCI LTD., MAHAD

- MBR SYSTEMS FOR ACTIVATED SLUDGE PROCESS
- ULTRA, NANO & RO MEMBRANE SYSTEMS
 - For effluent recycling
 - For product recovery
 - For generation of ultra pure water
- LAB SCALE PILOT PLANT FOR TRIALS ON EFFLUENTS
- SPACING EQUALLY

CONSULTANCY & ADVISORY SERVICES



ETP AT MELOG SPECIALITY CHEMICALS LTD.,
AMBARNATH



AERATION CUM CLARIFIER TANK AT
CETP, VATVA - 16 MLD

Services offered :

- Treatability studies on effluents.
- Evaluation and selection of treatment scheme.
- Adequacy audits for Process / System evaluation of treatment facility and advice on upgradation / modifications.
- Process Engineering for designing of plant.
- Detailed Engineering - Civil, Mechanical, Electrical and Instrumentation.
- Procurement Assistance.
- Site supervision.
- Process commissioning.
- Project Management Services.

Full fledged Environment Management and Project Engineering teams.

Total Engineering Consultancy services rendered successfully for the Common Effluent Treatment Plant (CETP) at Vatva, Ahmedabad, for treating 16 MLD effluent.

RIECO'S STRENGTHS

- Professional engineering & execution
- Rich operational and trouble shooting experience on large / small ETPs
- Process development through treatability studies
- Well equipped laboratory for effluent analysis & treatability studies
- Excellent after sales service
- Successful installations in Pharma (API), Chemical, Engineering, Food Processing, Pigments, Dyes & Dye Intermediate, Steel Industries



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