

Masters in Water & Waste Water Treatment

Water, Waste Water & Treatment Projects

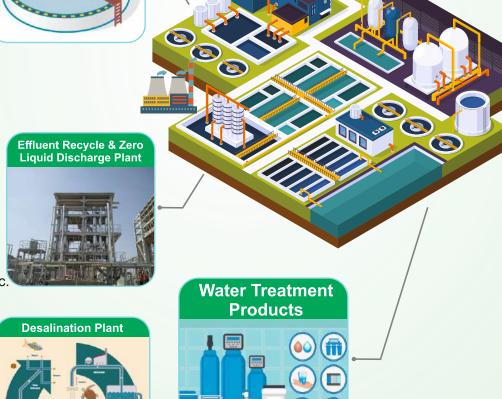
Excellent Enviro: Water, Waste Water & Air Solutions

More than 10 years of industry expertise in providing innovative solutions and best customer experience in meeting water and waste water treatment needs through our solutions, products and services.

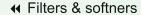
Over 500+ installations across various industries like Food & Beverages, Textile, Pharma, Automobile, steel, Power, Chemical, Fertilizer, Petrochemical, Hospital, Oil & Gas, Dairy, Roads & Highways and Urban Sector

Water Treatment Plant

- ← Raw Water treatment
- Industrial process water treatment
- Demineralization(DM) Plants
- ✓ Zero liquid Discharge
- Condensate polishing systems.
- ← ETP, STP, ZLD, MEE, RO etc.
- ← Seawater Reverse
 Osmosis (SWRO)
- ← Brackish Water Reverse Osmosis (BMRO)
- ← Nano filtaration



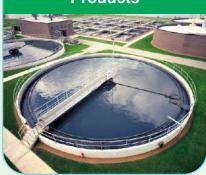




← Standard RO Plants



Sewage Treatment Products



- ← Modular, & play systems
- ◀ Low height STP ideal for basement installations.
- ← Quick Delivery with less site work

Solid Waste Management



- ← Filters & softners
- ≪ Standard RO Plants



Hazardous Waste Management



Bio-Medical Waste Management



Services



- ← Turnkey / BOOT Projects
 (ETP, STP, CETP, ZLD, WTP, RO)
- ← Operation & Maintenance (AMC)
- Plant capacity up-gradationPerformance improvement
- ← Environmental Plant audits
- ← Spare Part Management
- ← Process chemical management
- Hazardous waste transportation& management
- ← Environmental clearance (EC)
- ← Consent to Establish & operate
- Air pollution control system& management
- ← Laboratory services



Effluent Treatment / Recycle & Zero liquid Discharge Solutions

Excellent Enviro waste water treatment technology ensures that industries meet stringent discharge norms and recycle / reuse the treated water in industrial process and / or cleaning, flushing



Technologies and Processes

- Clarification & filtration
- Physical / chemical treatment
- Heavy metals removal
- Oil / water separation
- Treatment for high COD & high TDS
- Coke oven effluent treatment
- Heavy metals, Cyanide, Fluoride removal
- Biogas generation



Aerobic Biological Treatment

- Fluidized Aerobic Bioreactor (FAB)
- Sequential Batch Reactor (SBR)
- Membrane Bioreactor (MBR)
- Activated sludge process (ASP)



- Upflow Anaerobic Sludge Blanket
- Reactor (UASB)
- Continuous strirred-tank reactor (CSTR)
- Anaerobic membrane bioreactor (AnMBR)





Water Treatment & Desalination Plants



Solutions

- Desalination Plants
- Raw Water Pretreatment & clarification
- Water softening & filtration
- Mill Scale filtration
- Dissolved Air floatation (DAF)
- Membrane separation systems
- Demineralization (DM) plants
- Condensate polishing systems
- Remineralization plants



Value to Customers

- High Recovery
- Less Operation Cost
- Less Footprints
- Less Downtime





Standard Products for Urban sector

Excellent Enviro green products help in conserving and recycling water. They mitigate the water stress caused by urbanisation.



Sequential Batch Reactor Technology



MBR - Membrane Bioreactor Technology



Filter & Softners 0.1 to 300 m3/hr



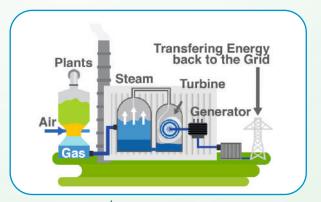
Dimineralization (DM) Plants

0.1 to 100 m3/hr & above



Standard RO Plants-RO, SMART RO

2000 LPH to 3000 LPH



Bioenergen

Kitchen waste to energy





LABORATORY A NEW CHAPTER UNFOLDS IN OUR JOURNEY



Master in Water & Waste Water Treatment

LIFE!

EXCELLENT ENVIRO LABORATORY & RESEARCH CENTER PVT. LTD.

Testing beyond the limit!

"Excellent" Testing Services

Water & Waste Water:

Industrial and domestic effluents, acid and aqueous leachates, ground water, surface Water, Drinking water, Construction water, Swimming Pool Water & potable water Monitoring & analysis.

Hazardous/Non Hazardous Waste:

Sludge, leachates, residues, ash, drill cuttings and drilling mud, used oil, waste oil, monitoring & analysis.

Other Wastes:

Municipal waste, briquettes monitoring & analysis.

Soils - Composites:

Agricultural soil, waste soil, compost, monitoring and & analysis.

Post EC Compliance:

Monitoring & analysis.

Food Testing:

Heavy Metals using ICPMS, Microbial Limits & pathogens, Pesticides Residues, Athatorins, Food Additives, Nutritional Labelling, Amino Acid profiling, Sugar Profiling

Microbiological Testing:

Detection of Pathogens, Residual anti-microbial Substances, Bacterial Endotoxins, Mycotoxins, Disinfection Efficacy, Preservative Efficacy, The Potency of anti-biotics & Vitamiins, Microbiological Monitoring of Indoor Air.

Building Material Testing:

Aggregate, Brics, Bitumen, Emulsions, Cement, Fly Ash, Concrete, Soil, Rock, Steel, Gypsum, Water, Sand.

Environmental Testing:

Monitoring & Testing: Stack Emission of DG set, Boiler, Furnace, Incinerator.

Stack Noise of DG set, Boiler, Furnace, Incinerator.

Ambient air quality, stack and fugitive emmisions, noise measurements, monitoring & analysis. Indoor Air Quality, Ventilation, Work zone Air, Personal Air Monitoring, Volatile Organic Compound(VOC) Ambient Noise

Workzone Noise

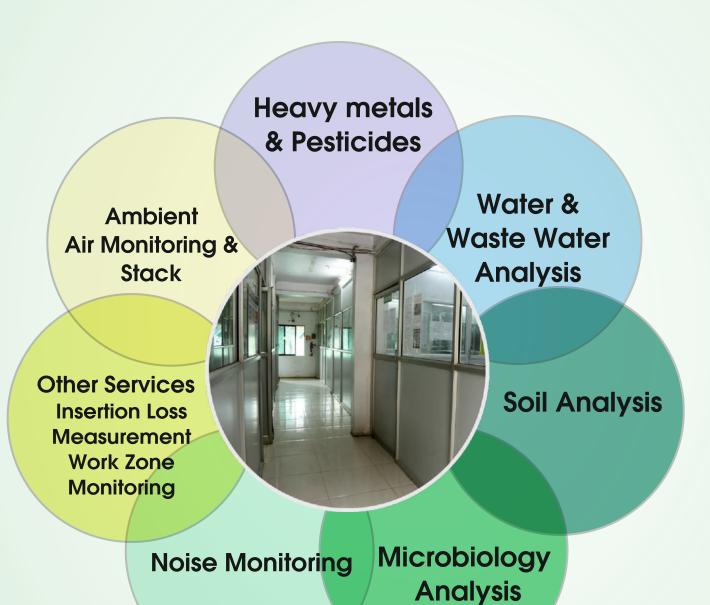
Micro-Meteorological Monitoring

Soil Quality

Noise Level

Lux Level







"Excellent" Consulting Services

Environmental impact assessment (EIA), Forest & Wildlife studies & Clearances, Consultancy for pollution board, Social impact assessment, Environmental & Pollution Compliance Ground Water Impact assessment

Manufacturing & Supply of Air monitoring machinery

Environmental Audit

Safety Audit

Treatability Study/ Feasibility Report

Detail Project Report

Solution for Trouble Shooting



Certificates, Approvals & Accrediation:

NABL (National Accreditation Board for Testing & Calibration & Training)
Accredited Laboratory

Gazetted Lab under EP Act 1986 by Ministry of environment Forest & climate change (MOEF & CC) / CPCB

ISO 9001, 14001 & 45001 Certified

Letter of Authorization for hazardous waste transportation.













Why "EXCELLENT ENVIRO GROUP"



Services Under One Roof

NABL & MOEF & CC Accredited Laboratory

Provide Turn key Project

Operation & Maintenance (STP, ETP, RO, MEE)

One stop solution for various environmental services

> **Hazardous Waste** transportation

Safety Audit

Environmental Audit

Manufacturing & Supply of Air monitoring machinery

Adequate and Time bound report which are Inline with regulatory authority compliance

Consent clearance from MPCB

Experienced & Qualified Staff

Inhouse team for designing detail engineering

> **Sustainable Technology**

Supply High Quality Chemical

Strong R&D **End to End solution**

Treatability Study/ Feasibility Report

Time Bond Solution



AREA OF APPLICATION

Food & Breweries



Automobile



Textile



Pharma



Commercial / Urbanization Sector



Industry & Process



Hospital



Road & Highways



Power



Petro-Chemical



Oil & Gas



Agriculture



Sugar Factory



Fertilizer



IT



Railway





SOME OF OUR REPUTED CLIENTS





Mylan[®] Zydus Cipla CRODA















































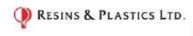




























Some Glimpses from Exibition



















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