

Its All About Leaving
The **Earth** A Better
Place Than When
You Arrived.



Design of **Waste Water Treatment Plant**
Environmental **Monitoring**
Operation & Maintenance of **E.T.P., S.T.P., W.T.P.**
Environmental **Impact Assessment**
Environmental **Audit**

OUR ENVIRONMENT OUR RESPONSIBILITY

The environment is something you are very familiar with. It's everything that makes up our surroundings and affects our ability to live on the earth—the air we breathe, the water that covers most of the earth's surface, the plants and animals around us, and much more.

In recent years, scientists have been carefully examining the ways that people affect the environment. They have found that we are causing air pollution, deforestation, acid rain, and other problems that are dangerous both to the earth and to ourselves. These days, when you hear people talk about “the environment”, they are often referring to the overall condition of our planet, or how healthy it is. We live in an era where we must balance the environmental and industrialization equilibrium simultaneously and that's what we are concern with.

“THIS **PLANET** DOES NOT BELONG TO US, WE **BELONG** TO THIS **PLANET**.”



VISION

“TO FACILITATE THE DEVELOPMENT OF TECHNOLOGY & ENVIRONMENTAL BUILDING”

In the current Anthropocene epoch, we are committed to cater the ever-growing needs together with strengthening the environment around us. We promise to go 'above and beyond' reinforcing the delicate balance between nature and industry.

MISSION

“TO ACCENTUATE THE ENVIRONMENTAL PERFORMANCE”

Our team with a strong resolve, promises to bolster every industrial endeavor with our environmental planning, technical & managerial solutions through best in class approaches, promoting low environmental impact solution & fastening the overall environmental performance.

OUR VALUES

SUSTAINABILITY

We strive for solutions that address client needs, business objectives & principles of sustainability.

INNOVATION

We seek better ways of doing things and strive for perpetual improvement.

ADAPTABILITY

We respond to the changing economic & regulatory conditions impacting our clients, industry and surroundings.

About us

We have started as a proprietorship in 2005 & now we are re-introducing as **Envirotech Research Pvt Ltd.** We have carved out a distinct position in the arena of environmental solutions, emerging out of the industrial development. The **Envirotech Research Pvt. Ltd.** has so far completed 200 projects in the Pharmaceutical Industry, Bulk Drug Industry, Hospitals, Engineering Industries, Oil Refineries, Dairy Industry & Solvent Extraction Industry.

With our experienced and skilled plant Operators, Chemist you can be rest assured that all your Environmental Issues will be taken care off. We offer service in following Areas

- Operation and Maintenance of ETP / STP / WTP
- Up gradation of Existing ETP / STP / WTP
- Performing environmental monitoring
- Supply and Installation of New ETP / STP / WTP
- Supply and Installation of Air Pollution Control Equipment's
- Technical Feasibility of Existing ETP / STP / WTP
- In Plant Training to the Operators and Staff

**"WE DON'T HAVE TO SACRIFICE A STRONG ECONOMY
FOR A HEALTHY ENVIRONMENT."**

WE believe in Customer satisfaction and always intending to provide proper and cost effective solutions, along with proven technology for mitigating the environmental concerns. We have a team of Technical Experts & Associates having expertise in the field of Water and Air Pollution. Our Experience in executing the projects leads us towards cost effectiveness, without compromising the environment.

Our robust team is equipped with best in class industry experience, specializing in turnkey projects, catering the diverse & customized needs. Moreover, we provide one of its kind consultancy for Design, Execution, commissioning and post-commissioning services.



COMPACT S.T.P.

SCOPE OF SERVICES

AIR POLLUTION :

- Designing Of Air Pollution Control System Such As Water Scrubber, Cyclone Separator, Air Scrubber, Bag Filter
- Preliminary & Detailed Design Operations
- Project Management

WATER SECTOR :

- Regulatory Requirements & Planning Treatment Technology
- Preliminary And Detailed Design Operations
- Project Management
- Detailed Study Of Existing Arrangement
- Design Based On Projected Population Forecast Detailed Design
- Design As Per Need
- Detailed Engineering And Post Commissioning Services

ENVIRONMENTAL MONITORING

- Ambient Air Monitoring
- Stack Monitoring
- Water And Waste Water Testing
- Noise Level Monitoring
- Soil Analysis
- Hazardous Waste Analysis
- Food Testing

ENVIRONMENTAL IMPACT ASSESMENT STUDY(Pre/Post):

- Emission Measurement Of So₂, Nh₃,nox, Spm Etc.
- Analysis Of Existing Water Supply Or Anticipated Source
- Monitoring Of Noise Levels Within Factory & Surrounding Areas
- Determination Of Soil Quality
- Determination Of Socio-economic Impacts
- Determination Of Threat To Flora / Fauna
- Risk Analysis, Environmental Management Systems, Health And Safety Measures Etc.
- Environmental Monitoring

OPERATION & MAINTENANCE SECTOR:

● STP:

- Detailed Study Of Existing Sewerage Scheme
- Design Of A Comprehensive Sewerage Scheme Based On Projected Population Forecast
- Detailed Design Comprising The Design Of Various Mains, Sub-mains, Laterals, Pumping Stations, Etc.
- Design As Per Need
- Detailed Engineering & Post Commissioning Services

● ETP:

- Analysis And Feasibility Studies Of Treating The Industrial Effluent
- Design As Per Regulatory Standards
- Detailed Drawing And Budget Estimation Operational Support

● WTP:

- Detailed Study Of Existing Arrangement
- Design Based On Projected Population Forecast Detailed Design
- Design As Per Need
- Detailed Engineering And Post Commissioning Services

● TURN KEY SECTOR:

- Detailed Basic Planning
- Installation Support & Expertise
- Commissioning Support & Expertise

● ENVIRONMENTAL AUDIT:

- Regulatory Compliance Management
- Legal Compliance
- Environmental Monitoring

PHARMACEUTICAL INDUSTRY & BULK DRUG INDUSTRY

A diverse characteristics of wastes are generated during manufacturing, maintenance and housekeeping operations in any pharmaceutical industry. Some of the typical waste streams comprise spent fermentation broths, process liquors, solvents, equipment wash waters, spilled materials, off-spec products, etc.



The pharmaceutical effluent is characterized with a high COD high organic contents. For treating them, different types of treatments are required, like PH neutralization, Physico chemical process, aerobic/anaerobic treatment, tertiary treatment involving activated carbon etc.

CLIENT LIST:

- WOCKHARDT LTD
- JOHNSON AND JOHNSON PVT LIMITED
- BAXTER (INDIA) LIMITED
- AJANTA PHARMACEUTICALS LIMITED
- INDOCO REMEDIES LIMITED
- MIDAS PHARMACEUTICALS LIMITED
- AMRI INDIA LTD.
- IPCA LIMITED
- ATRA PHARMACEUTICALS PRIVATE LIMITED
- SAVERA PHARMACEUTICALS PRIVATE LIMITED
- GLENMARK PHARMACEUTICALS LTD.

OIL REFINERIES & SOLVENT EXTRACTION

The waste generated from the oil refineries demand special attention pertaining to their composition. The typical composition of waste water comprises neutralization of water, spent liquor, cooling water, boiler blowdown, floor wash, carrier liquid of unwanted oil fractions, spillages etc.

In order to treat them, sedimentation & flocculation with lime alum & polyelectrolyte is performed. Moreover, activated sludge process is utilized as per the requirement.

CLIENT LIST:

- MAHARSTRA OIL EXTRACTION LIMITED
- DESAN OIL EXTRACTION LIMITED
- OMSHRI AGRO PVT LTD
- INDIRA OIL EXTRACTION LIMITED
- GEETA REFINERY PVT. LTD.
- ABHAY COATEX LIMITED

ENGINEERING INDUSTRIES

Engineering industries produces different varieties of effluent as per their role and position in the manufacturing chain. The typical composition shows the presence of oil, Coolant, metals, acids, phenols, cyanide, heavy metals, Fluorine, Chlorinated organic compounds, etc.

We provide a combination of mixed multi-stages of treatment, which comprises treatment by physical, chemical, biological methods accompanied by pressure filtration, disinfection, etc.

CLIENT LIST:

- BAJAJ AUTO LTD
- STERLITE TECHNOLOGIES LTD.
- NRB LIMITED
- SKODA AUTO INDIAN LTD.
- VARROC POLYMER
- GREAVES COTTON (INDIA) LIMITED
- ENDRESS + HAUSER FLOWTECH LIMITED
- NRB INDUSTRIAL BEARINGS LIMITED
- NHK AUTOMOTIVE COMPONENTS INDIA PVT. LTD.
- BADVE AUTOCOMPS PVT LTD
- BADVE ENGINEERING LIMITED
- VARROC INDUSTRIES LIMITED
- AURANGABAD ELECTRICALS LTD
- ENDURANCE TECHNOLOGIES LIMITED
- MTEK LIMITED
- EXON MACHINES LIMITED
- VIDEOCON INDUSTRIES
- BONATRANS INDIA LTD.

TYRE INDUSTRY

Tyre industry owing to its spectacular growth contributes a significant amount of environmental pollution. The effluent generation takes place at various operational stages. The effluent from the company is mainly from Manufacturing Area, Water Treatment Plant, floor Washing etc.

The treatment of such type of effluent demands treatment by aerobic process along with Primary Treatment & Tertiary Treatment.

CLIENT LIST:

- GOODYEAR (SOUTH ASIA) TYRES LIMITED
- BALKRISHNA INDUSTRIES LIMITED

HOSPITALS

Owing to the spectacular growth of medical science and medical industry, the wastewater generation is witnessing a rapid growth. The principle sources of generation are surgery, drug treatments, radiology, laundry, operation room, chemical & biological laboratories, etc.

Hospital wastewater effluents contain pathogenic microorganisms, pharmaceutical partially metabolized, radioactive elements & other heavy metals and toxic chemical compounds. Such wastewater is a potential environmental hazard.

CLIENT LIST:

- M G M HOSPITALS
- SETH NANDLAL DHOOOT HOSPITAL
- HEDGEWAR HOSPITAL
- ENDOWORLD HOSPITAL
- BEMBDE HOSPITAL

DISTILLARIES & BREWERIES

These industries face common problems like higher concentrations of effluent, high COD loading to the effluent, changes and restrictions to site's discharge limits and limitations imposed as to site's water intake.

Effective effluent management within these industries has achieved the due importance, considering the cost effectiveness of their production process as well as to avoid hefty discharge fines, and the negative publicity this generates. Our expert technical knowledge allows us to provide the breweries and distilleries the optimum solution without hampering their cost structure and compromising the environment.

CLIENT LIST:

- UNITED BREWERIES
- ALLIED BLENDERS
- RADICO DISTILLERIES
- UNITED SPIRITS



**"Earth Provides Enough To Satisfy
Every Man's Need,
But Not Every Man's Greed."**





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