

Excel Enviro Tech



“We are always happy with good until we get to see
What best feels like”





Vision

- To establish strong technical traction by providing technical solution of every Environmental problems.



Mission

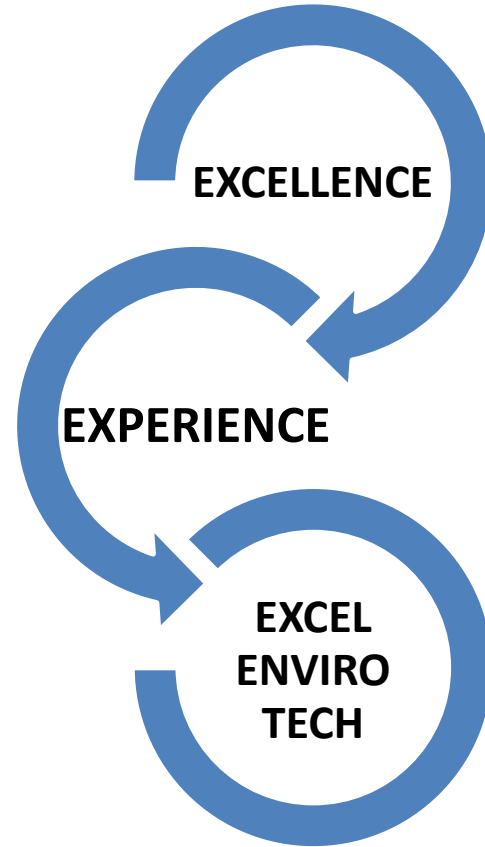
- We offer in each of our expertise areas, “Nothing but the Best”.



Value Proposition

- **Value Proposition:** Anything in our Field can be copied but our passion to give customers a great experience can never be copied.

3 E's you would Love to have
at your company



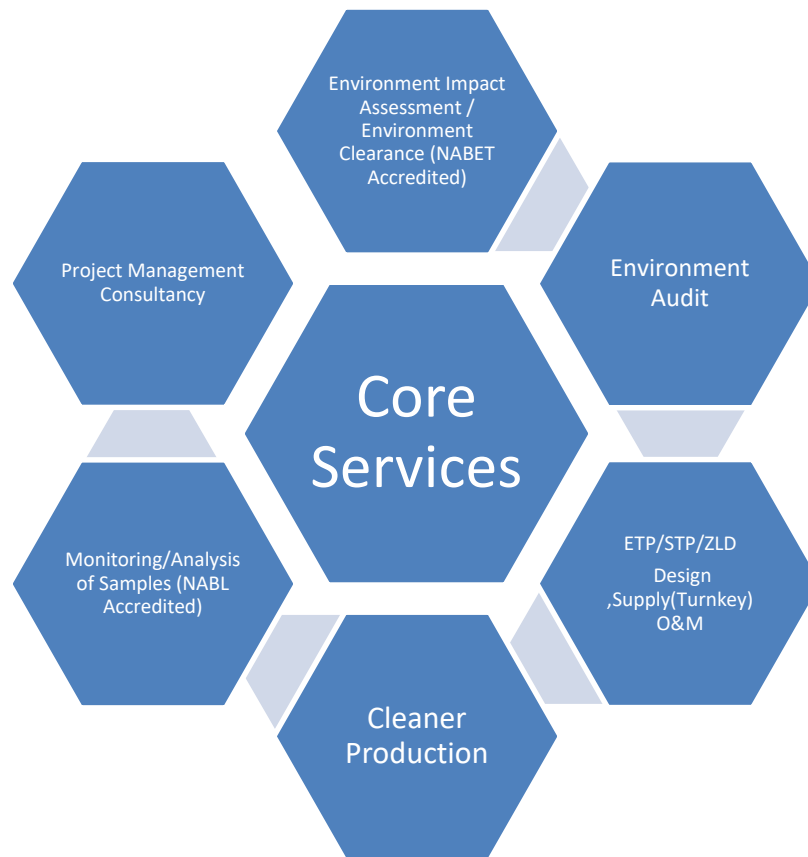
Why Excel Enviro Tech

18 Years of
Expertise

Great
Accreditations

Believes in
Sustainability

“Great
Customer
Service” is a
GOAL





Environment Impact Assessment (EIA) / Environment Clearance

- We have been Accredited by National Accreditation Board for Education And Training (NABET) & Quality Council of India (QCI).
- Till date we have performed more than 150 Projects and brought Environment Clearance for our Clients and we have served more than 100 well-known client in the respective industries.
- The List of Sectors in which we are approved are as follows
 - A)** Mining of Minerals-Open Cast only
 - B)** Thermal Power Plant
 - C)** Coal Washeries
 - D)** Metallurgical Industries (ferrous)-secondary only.
 - E)** Cement Plants
 - F)** Coke Oven Plants
 - G)** Synthetic Organic Chemicals (dyes & dye intermediates, bulk drugs and intermediates excluding drug formulations, synthetic rubbers, basic organic chemicals, And chemical Intermediates
 - H)** Building and Construction Projects

Images of Public Hearing Conducted

G.N.F.C Power Plant Bharuch



Adani Cementation Dahej



Adani Cementation Lakhpat



The Narol Dyestuff Enviro Society- CETP



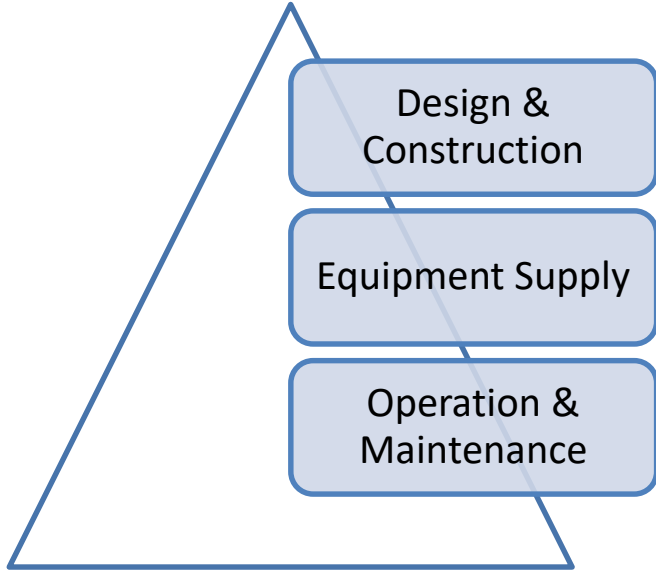
SNF Flopam India Limited



Global Coke



ETP/STP/ZLD Services



- Working Since Years in this Field and having All the necessary facilities we would like to Provide complete solution including mentioned Facilities.
- The range of equipment in our portfolio Comprises of Agitator, Clarifier, Aerators, Pressure sand and Activated Carbon Filters, Filter Press, Blower, Pump, etc.
- We have designed and operated various plants and currently we are designing STP for TOYO Engineering Ltd.

Effluent Treatment Plant

- EET offers the complete solution to the term “water pollution”. The equipment needed to treat the water/wastewater and rectify the same to use in process or discharge/disposal. The Wastewater Treatment Plant may comprise of the primary, secondary, tertiary and advanced treatment based upon the inlet/outlet quality requirement.
- In more than 18 years of expertise we have designed multiple ETP plants, we have provided multiple components, Operated many plants and to cater to such an high number of clients we have gained expertise in this field and we consider our self capable enough to serve you well for all your requirements and be compliant.
- In addition to the conventional activated sludge process; EET also recommends advanced treatment methodologies; viz. Incineration, evaporation and other modes of recycling to attain Zero Discharge wherever required.
- The range of equipment in our portfolio covers Agitator, Clarifier, Aerators, Pressure Sand and Activated Carbon Filters, Filter Press, blower, Pump and other machinery.

Sewage Treatment Plant

- The wastewater discharged from domestic premises like residences, institutions, and commercial establishments is termed as sewage or wastewater. It includes waste liquid from toilets, baths, showers, kitchens, and sinks draining into sewers. Sewage treatment refers to the process of removing contaminants, micro-organisms and other type of pollutants from wastewater, primarily from household sewage. Sewage treatment includes physical, chemical, and biological methods to remove contaminants and produce environmentally safe treated wastewater to make it usable again.
- Government has made it mandatory to install an Sewage Treatment Plant (STP) for construction schemes with built-up area more than 20,000 sq.mt in order to recycle the waste water and reuse it for flushing as well as gardening as per the requirement.
- If the Sewage Treatment Plant is installed along with Organic Waste Converter then the Sludge and food waste can be converted into fertile organic manure and stop the waste ending up into landfill site.
- Through the treatment of waste water the amount of waste that is actually released into the environment is reduced thus improving environment's health.
- It will help you gain more points and better ratings in Indian Green Building Council (IGBC) certifications which will showcase good image of the company and better brand positioning being sustainable.



Gallery



Projects of ETP Operation & Maintenance

Sr. No	Name of the Company
1.	Gujarat Fluorochemicals Limited (200 STP +250 ETP) ETP / STP/ UF /RO/ Chemist (Man Power – 31)
2.	Zydus Hospira Pfizer (162 KLD ETP) (4 Operator + 2 Fire Man)
3.	Cadila Healthcare – Oncocare (250 KLD ETP) (Man Power-4)
4.	Cadila Healthcare – Animal house (10 KLD ETP) (Man Power-1)
5.	Zydus Ointment (Tropical) (50 KLD ETP) (Man Power – 5)
6.	Power Band (52 ETP + 12 STP) (Man Power-1)
7.	Vinod Fabrics Pvt Ltd (250 KLD ETP) (Man Power-7)
8.	Shri Shiv Shakti (80 KLD ETP) (Man Power-5)
9.	Zydus Biologics & Vaccines (200 ETP/50 STP) ETP / Chemist / Fire / Safety Officer (8 Operator/4)

Sr. No	Name of the Company
10.	Teva Pharmaceutical Industries Ltd (270 KLD ETP/ MEE / RO/ Chemist) (Man Power-15)
11.	L & T Knowledge City 225 KLD STP(3) + 12000/hr Ro + UF + WTP 5000 lit/hr (2) + WTP 10000 Lit/hr + 1000lit/hr RO + swimming pool (Man Power-22)
12.	APM Terminal Pipavav Port (3 MLD ETP) (Man Power-10)
13.	Zydus Research Center (1 m3/hr MEE) (Man Power-5)
14.	Amneal Pharma(ETP = 32 + 41+ 73 / STP = 8) (Man Power-5)
15.	Alidac Pharma (53 KLD ETP) (Man Power-4)
16.	Gujarat Infrapipes Pvt Ltd (20 KLD ETP) (Man Power-1)
17.	Zydus Infra Projects Ltd (0.7 MLD) (Man Power-7)
18.	Cadila Healthcare Ltd.(API DIVISON) (50 KLD ETP) (Man Power-4)
19.	Cadila Healthcare Ltd. (German Remedies) (30 ETP / 12 STP) (Man Power-4)

ETP Equipment's

Sr.No	Name of the Company
1.	Shapoorji Pallonji
2.	Ras Bearing Pvt Ltd
3.	Volkschem Pvt Ltd
4.	Mono Steel
5.	Jay Bharat Steel Pvt Ltd
6.	H.M Industries Pvt Ltd
7.	Rahul Pvt Ltd
8.	Moresco HM Lube India Pvt Ltd

Sr. No	Name of the Company
9.	Vibewell Techniks Pvt Ltd
10.	World Wide Safety Pvt Ltd
11.	Power Band
12.	SGS Lab Gandhidham
13.	Nilkanth Concast
14.	KPP
15.	Contract Pharmacal
16.	Synergy
17.	Amneal Life Sciences
18.	GBR Robocolor Pvt Ltd
19.	Ratnamani

ETP & STP Chemicals

Sr.No	Name of the Chemical
1.	Hydrated Lime
2.	Sodium Hypochlorite
3.	Activated Carbon
4.	De-Oiler
5.	Color Removal
6.	Ferric/Non Ferric Alum
7.	Caustic Soda
8.	Anti-Scalant

Sr.No	Name of the Chemical
9.	Sand & Silica
10.	UREA & DAP
11.	Poly Electrolyte
12.	Poly Aluminum Chloride
13.	Chlorine Tablets
14.	Softening & D.M Plant Resin
15.	Ferrous Sulphate
16.	Sodium Meta Bisulphite

Sr.No	Name of the Chemical
9.	Starch Powder
10.	High & Low pH Chemicals
11.	Sodium Bi-Carbonate
12.	Hydrochloric Acid
13.	Phosphoric Acid
14.	Sulphuric Acid
15.	Coagulant
16.	Sludge De Watering Compound

Auditing & Assessment

“An audit Is an evaluation or examination of a relevant thing by a person or group of people depending on the requirement.”

Environment Audit

More than 10 years of recognition by GPCB as Schedule-II Auditor

Safety Audit

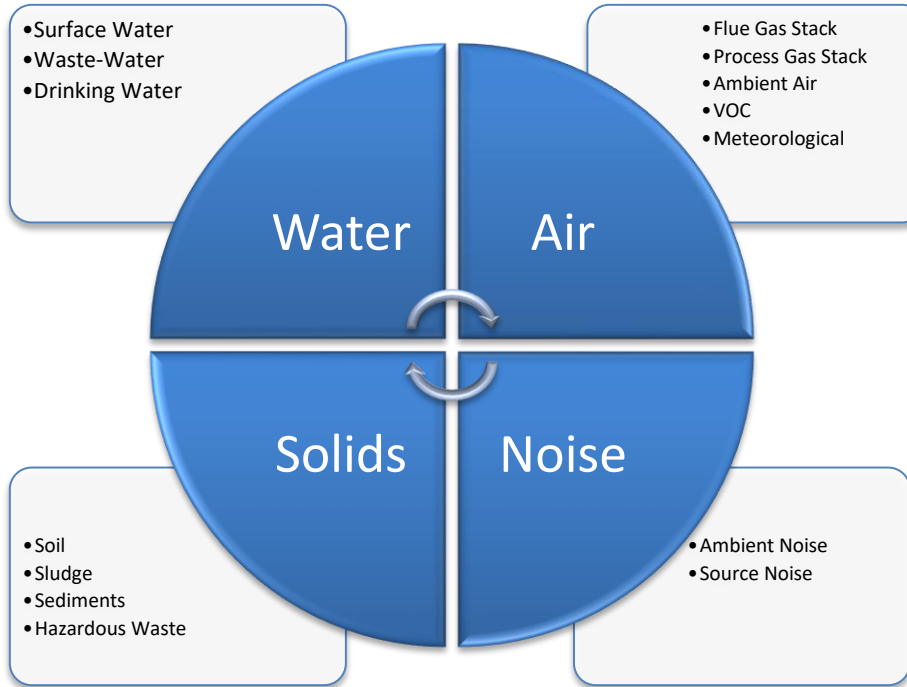
Assessment of Safety Equipment's & Facilities installed in the plant

We have Technocrats in our Team who are specialized in Safety & Risk Assessment

Compliance Audit

Assessment of Environment Compliance related documents like Environment Clearance(EC), CC&A, and submit a report of the same.

Laboratory Services

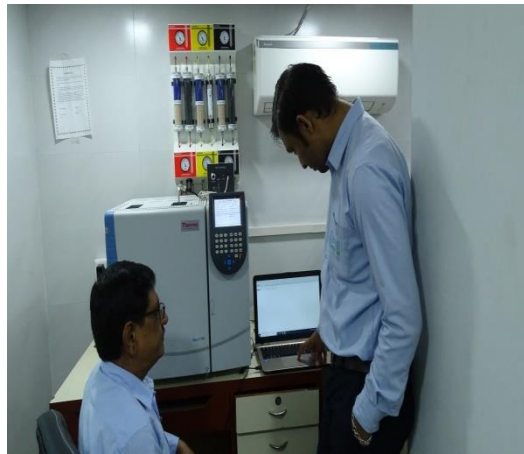


We have NABL accreditation and also are in the process to get MoEF accredited. Despite of regular instruments we would like to show you the Novel facilities we Have at our lab

1. Monthly Monitoring & Analysis
2. EIA Sample Analysis
3. Individual Sample Analysis
4. Comparative Analysis

Due to Years of Expertise and having technically qualified professionals we can assure you monitoring the facilities and delivering the expected results.

Laboratory (Monitoring & Analysis)



Gas Chromatography



Atomic Absorption Spectroscopy



Bomb Calorimeter



Marine Sampling using Niskin
& Van Veen Sampler

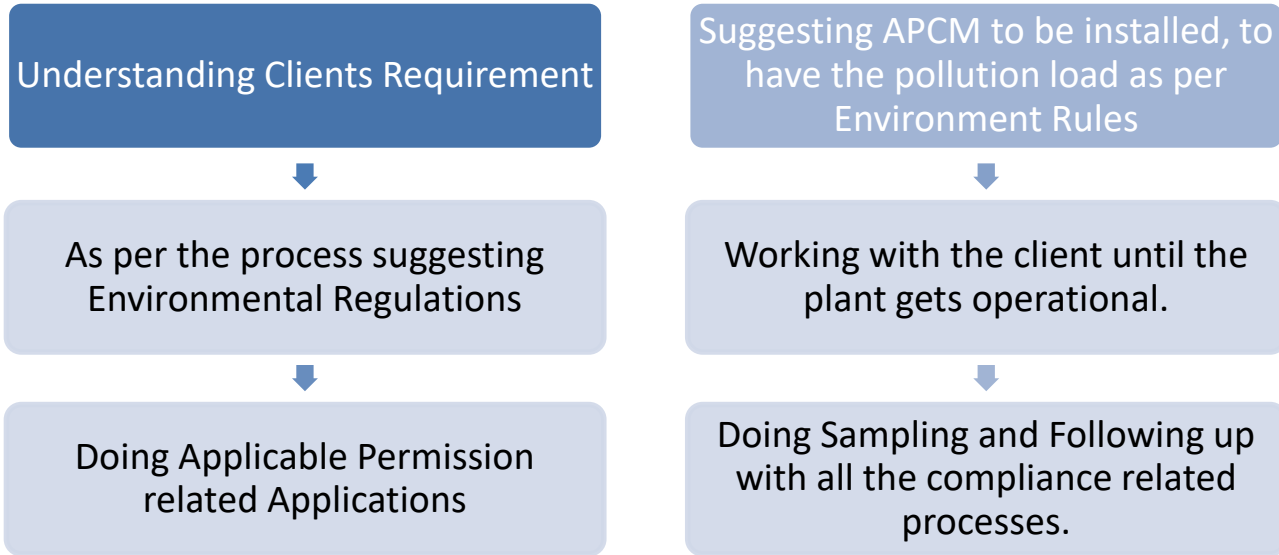


Handheld VOC Meter

Novel Parameters

Pesticides	Calorific Value	Total Plate Count	Volatile Organic Compounds
Aldrin	Bio-Assay	Total Coliform	Hydrochloric Acid(Stack)
BHC	Sludge Volume Index	Feacal Coliform	Hydrogen Sulphide(Stack)
Chloropyriphos	Mercury	Feacal Streptococci	Carbon Disulphide (Stack)
DDT	Lead	Total Plate Count	Carbon Monoxide (Stack)
Malathion	Tannin & Lignin	Enterococcus	Ozone (AAQ)
Methyl Parathion	Surfactants	E.Coliform	Total Khejldahl Nitrogen
Endosulphan	Flash Point/Ignibility		Arsenic
& Other 80-100 Regular Parameters for Water/ Waste-Water / Flue Gas Emission / Ambient Air Quality / Soil / Noise			

Project Management Consultancy



Techno-Legal Consultancy

No Objection Certificate
(NOC) / Consent to
Establish from GPCB

Consent to Operate from
GPCB

Yearly Returns i.e.
Form-IV & Form-V

Application of
Revocation

Manifest
Preparation

Adequacy
Certificate

Rule-9 Application
for Hazardous
Waste

Plastic Waste
Registration

E-Waste
Registration

Indoor Air Quality Monitoring

Risks

- 3.5 Million deaths Annually
- 2 Million Pre-mature deaths
- 10 Times worse than air pollution
- In Low income countries it accounts for 6% of deaths.

Pollutants

- Particulate Matter
- Sulphur Oxide
- Nitrogen Oxides
- Carbon Monoxide & Dioxide
- Ozone
- Lead
- TVOC
- VOC's
- Microbial count.
- Benzene

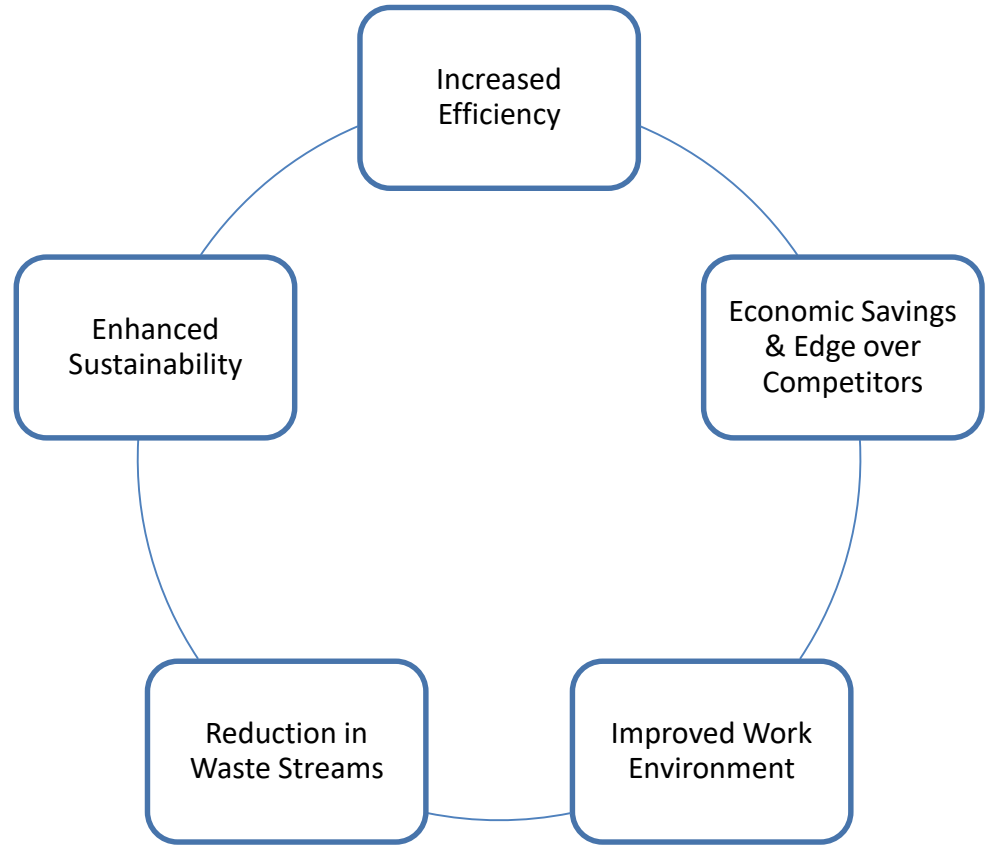
Advantages

- Clean work environment.
- Helps to assess air quality and take necessary actions.
- To plan Air Pollution Control programs.
- To understand study mortality rate and its impact on the health of employees.

Cleaner Production

How about saving money with no additional expenses and resources?

- Along with qualified technical team we have an MoEF approved assessor to conduct this exercise



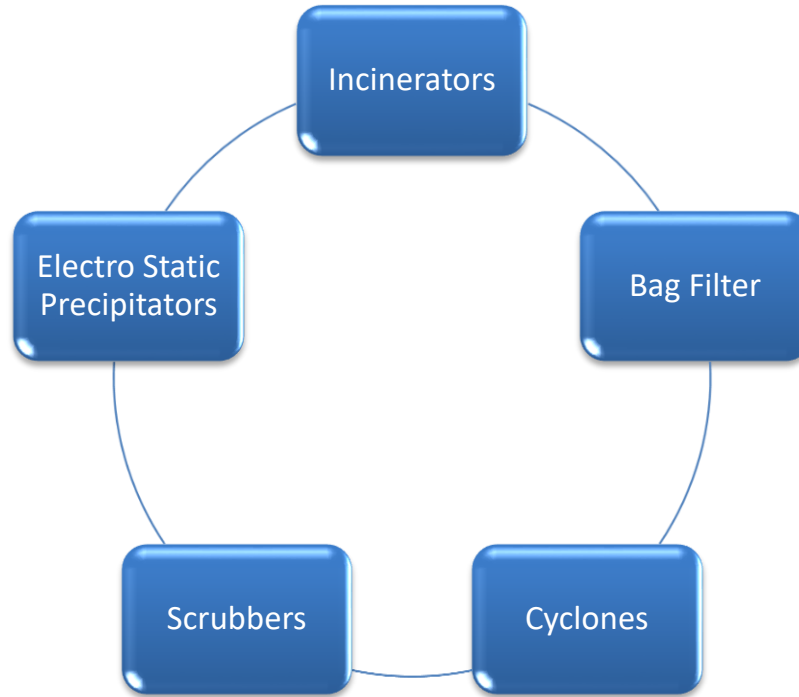
Case Study-1 Treated Oil Containing effluent water.



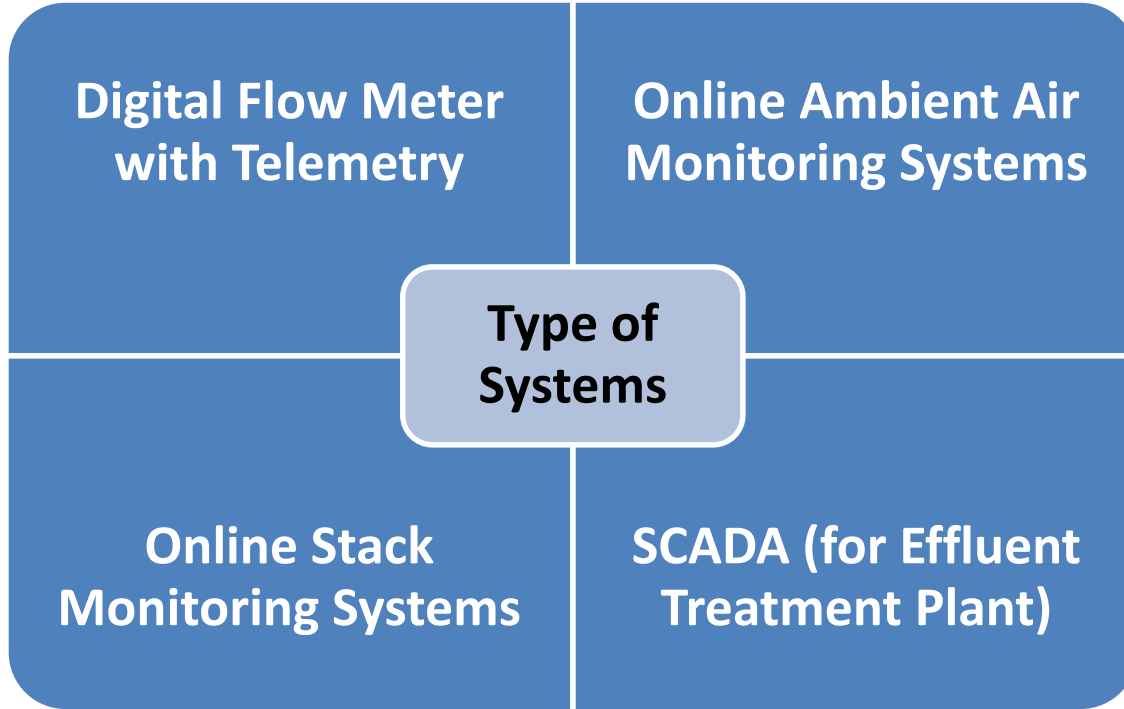
Case Study-2 Treated Adhesives Containing effluent water.



APCM Design & Installation



Online Monitoring Systems



EET provides the below mentioned system as per the compliance with the CGWA guidelines.

As per The CGWA guidelines & flow of the unit the Water Meter/Piezometer/Flow meter shall be installed else the NOC can be suspended as well it attracts penalty.

Carrying out Social Impact Assessment

Conducting GAP analysis for improving Quality of Life Index (QLI)

Development of Corporate Environment Responsibility (CER) & Corporate Social Responsibility (CSR) plan as per the budget available & need based allocation in affected area.

CSR Activities

Ergonomics is the Scientific discipline concerned with the fundamental understanding of interactions among human and other elements of system and the presentation that applies theory, principle, data and methods to design in order to optimize human well being and overall system performance

Ergonomics is designing a job to fit the worker so the work is safer and more efficient . Implementing ergonomic solutions can make employees more comfortable and increase productivity.

Making your workplace ergonomically-optimized might seem to be costly, but it is not. It can save you from spending loads of money on compensations and employee medical allowances.

ERGONOMICS STUDY

Automatic Composting Machine

We as an organization believe to provide customized and appropriate solutions to our customers. As per our experience, different customers are looking for different solution and benefits from this equipment. This technology based upon heating mechanism for volume reduction and de-composting by “thermophilic” enzymes.



Advantages & Benefits:-

- Fully Automatic operation - Hassel free and zero labor work process
- Maximum volume reduction (Up to 80% volume reduction in 24 Hrs.)
- In-built shredder - Can handle all types of food & kitchen waste (Coconut, Animal bones and any Non-veg. waste)
- Remove output once in every 2-3 days (Not required Daily operations)
- Very good outlook and low noise generating machine
- Very easy to handle and manage in minimal space due to compact design

Model: ECO

Capacity: 5Kg/day to 1500Kg/day

Dewatering Composter

High moisture content in waste is one of the biggest challenges in Organic Waste Management in India so we have been designed and developed a unique solution especially for bulk waste generators.

It works in three step process

1. Shredding
2. Dewatering
3. Curing

Model: ECOFRIEND(S) - Dewatering Composter

Capacity: - 250 Kg/Hr. to 5000 Kg/Hr.



ECOFRIEND(S) can achieve 30 to 35% of volume reduction during first two processes (based on moisture content in input materials) and another 25% of volume reduction will be happen during curing process.

ECOFRIEND(S) will make quality compost with a good amount of nutritional value and final product can Be sellable.

Twin BioComposter



Features:

- Ideal for composting in flats, apartments and institutions etc.
- Convenient for use on terrace or at any outdoor location (Totally Outdoor product - No shed required)
- Used in series for high volume of waste - Starts in a pair
- Its aeration system keeps oxygen available in tank for effective Odorless composting.
- Zero Labor work during the entire composting process
- Rotation system for easy mixing process and to maintain aeration for quality compost
- Bio Composter design ensures easy harvesting of compost
- Rodent proof
- Get harvest compost after the 4th week (in the first cycle) and then every 3 weeks.

Model: ENVI-TBC Capacity: 5 Kg/day to 100 Kg/day

Screw Press Dewatering Machine

A dewatering screw press is a screw press machine that separates liquids from solids. It is a simple, slow moving device that accomplishes dewatering through continuous gravity drainage. The screw press machine squeezes the material against a screen or filter and the liquid can be collected through the screen for reuse.

Capacity: - 200 Kg/Litter per hour to 10000 Kg/Litter per hour

Application: - Cow Dung, ETP & STP Sludge, Biogas Plans, Paper mill, etc...

- A small and feasible structure with high efficiency & a high degree of automation
- Works in low speed for continuous operation
- A low cost and easy to maintain machine and also has low power electricity consumption
- Its structure is very compact which saves a lot of space
- The main part is made by a corrosion free stainless steel and which will last longer



Commercial Chopper with Grinder



It's a combination of shredder & grinder. Suitable for grinding wet waste in slurry format for biogas plant and for making animal fodder etc...

This machine can grind waste fruits, vegetables, fish, slaughterhouse's waste (i.e. animal intestine) etc.

Capacity:- 500 Kg/hour to 5000 Kg/hour



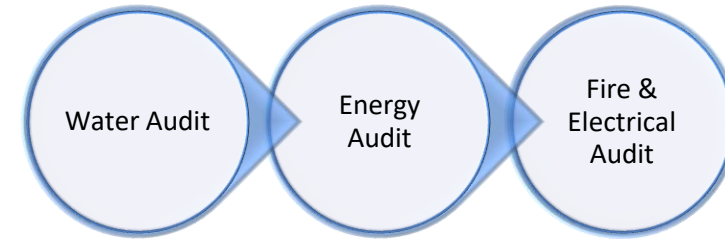
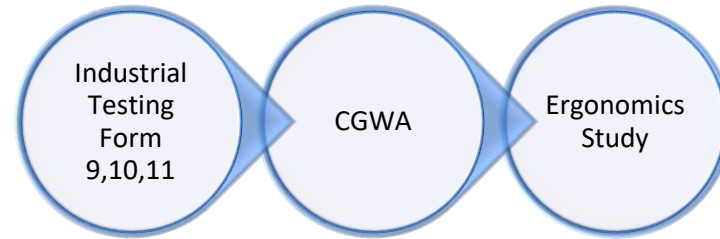
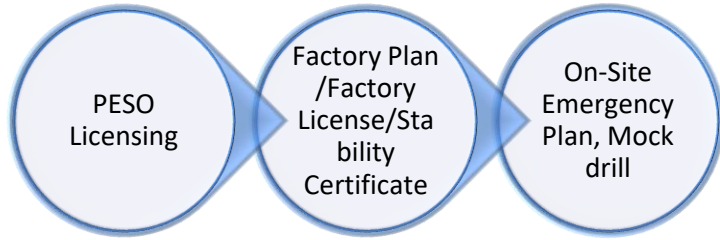
Garden Waste Shredder

The shredder machines are widely used to carry out shredding works and it's useful for maintaining the gardens, parks and more. We have been manufacturing the machines in various techniques and other specifications to suit the requirements of the customer.

Capacity: 100 Kg/hour to 1000 Kg/hour



Services



Services

Consultancy
for ISO
Certification
s

Supply of
Personal
Protective
Equipments

Environmen
t Due
Diligence

GAP
Analysis

Traffic
Survey

De-
salination
plant

Fire Load
Calculation

Odor
Control Plan

Industrial
hygiene
Survey

Bio-Gas
plant

Pilot Plant
Studies

R.O Plant

Milestone Journey of Excel Enviro Tech



2002

Excel Enviro Tech was founded by Mr. Manoj Jain



2006

GPCB Recognized Consultant



2007

GPCB Recognized Schedule-II Auditor



2010

Applied for NABET



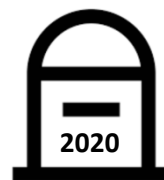
2011

Shifted to Ashram Road Premises with 20+ Employees Strength



2015

Proceeded for NABL Certification



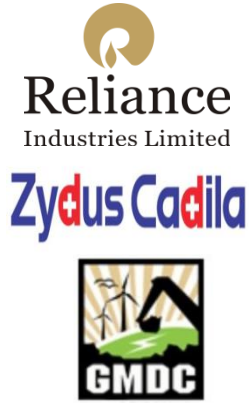
2020

Applied for MoEF Accreditation

Journey of Client Acquisition



2006-08



2009-11



2011-13



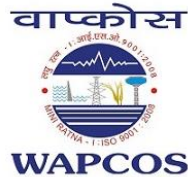
2014-16



2017-19



A Glimpse of Our Extended Family



**& Many Other
Valuable Members**



**“Having Great Clients such as them are the key
To our success ”**



Elon Musk once said “ Its ok to have your eggs in one basket
As long as you control what happens to that basket”

So why not have Excel Enviro Tech to fulfill all you Environment
Related Activities.

“We wish you join us as our Extended family”

Thanking You for your Valuable Time & Attention

Contact Details

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