

EHS Consultants & Analytical Testing

Laboratory



Siddhi Green Excellence
Private Limited

"We are not Entrepreneurs, We are Enviropreneurs"



- NABL
- FDA
- GPCB
- NABET
- DISH
- MoEF & CC

Head Office

"Kamal Arcade - The Vertical Sunclock",
Comm. Plot No. C-3/3,
Nr. SBI Industrial Branch,
GIDC Station Road,
Ankleshwar - 393 002
Bharuch, Gujarat (India)

Vadodara Office

601, 73 East Avenue, Sarabhai Campus,
Bhailal Amin Marg, Vaodara

Dahej Office

"Sanskar Avenue" Shop No. GF-37,
P. O. Jolva, Tal. Vagra, Bharuch,
Gujarat (India)

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GUJARAT'S
1ST PLATINUM
CERTIFIED
NEW GREEN
INTERIORS
BY INDIAN GREEN BUILDING COUNCIL



Rooted in Ankleshwar, Gujarat,
the heart of Asia's largest
industrial zone, we have
served more than **300 clients**
in GIDCs and SEZs all over
Gujarat since **over two**
decades for – **environmental**
management, occupational
health and industrial safety



OUR FOUNDERS

The Perfect Blend of 3 P's with 3 E's

With the perfect blend of the 3 P's – Purpose, Passion & Perseverance, our Founders have paved the way to a Successful Environmental Management Company, serving its clients with 3 E's – Expertise, Environment & Equipment.

Chemical Engineer by qualification, his passion to establish a business carved its way through the industrial slack period of 1997 and finally took shape as Siddhi Green Excellence.

Engineering background, field experience and thorough knowledge of environmental legislations make him an asset for the company.

His aim is to create opportunities for the youth of towns and villages.

Highly optimistic by nature, a family man with an ever-smiling personality, his presence creates an aura of happy environment at work and home.



Mr. Purvesh M. Shah (B.E.-Chemical)
Founder, MD & CEO



Mrs. Kuntal P. Shah (B.E.-Chemical)
Founder, Director & COO

Having an academic record of merits and gold medals, Kuntal has developed skills of self-learning and organization.

At Industry, her focus is on promoting automation of processes as much as possible, even for SSIs because it can directly increase the level of safety and product quality.

We call her “Finisher” as she gives her expert touch of quality and completeness to all our work.

NABL
ACCREDITED ENV.
LABORATORY TC - 5007
for ISO/IEC 17025:2017

FDCA
APPROVED PUBLIC
TESTING LABORATORY

MoEF&CC
RECOGNIZED ENV.
LABORATORY UNDER
EPA, 1986 valid upto 2024

NABET
ACCREDITED CATEGORY A
EIA CONSULTANTS

DISH
APPROVED TRAINING INSTITUTE
UNDER SECTION III - A(ii)

GPCB
RECOGNIZED
SCH II ENV. AUDITORS





OUR SERVICE DOMAIN



ENVIRONMENTAL IMPACT ASSESSMENT (EIA) STUDIES

Technical Consultancy for
Environmental Clearance process
from MoEF&CC / SEIAA

We are **NABET accredited
category A EIA Consultant
Organization** for Synthetic org.
chemicals industry & pesticides
industry



EHS CONSULTANCY

EC compliance
Treatability studies
Water audits
Zero Discharge Schemes
CTE / CTO / CTE product mix and
other legal compliances related to
GPCB



ANALYTICAL SERVICES

NABL accredited testing
laboratory vide certificate number
TC-5007 & **MoEF&CC** recognized
Environmental Laboratory under
EPA, 1986 (validity 09-02-2017 to
08-02-2022)

Analytical facilities for testing of
Effluents, Water, Soil, Hazardous
Wastes, Air Quality Monitoring,
Emission monitoring
Leak Detection & Repair (LDAR) study



MICROBIOLOGICAL TESTING

FDA approved Public Testing
Laboratory

Microbial limits tests (MLT)
Test for Pathogens , TAMC, TYMC
Bacterial Endotoxin Test (BET)
Area Monitoring (Settle Plates, Air
Sampling & Swab test)
Microbial contaminant identification
Water Purification System
Validation According to USP/EP/JP



CHEMICAL AND PHYSICO-CHEMICAL TESTING OF PHARMACEUTICALS

Contract Laboratory Services
Assay determination
Instrumental Analysis (GC, HPLC,
UV/Vis, AAS, FTIR, IC)

OUR CLIENTELE

Industry Sectors



Specialty
Chemicals



Flavors &
Fragrances



Pharmaceuticals
& Intermediates



Architectural
Materials



Home care and
Personal care



Agrochemicals &
Intermediates

300+
Happy
Clients

1,200+
Projects
Completed

24+
Years in
Business

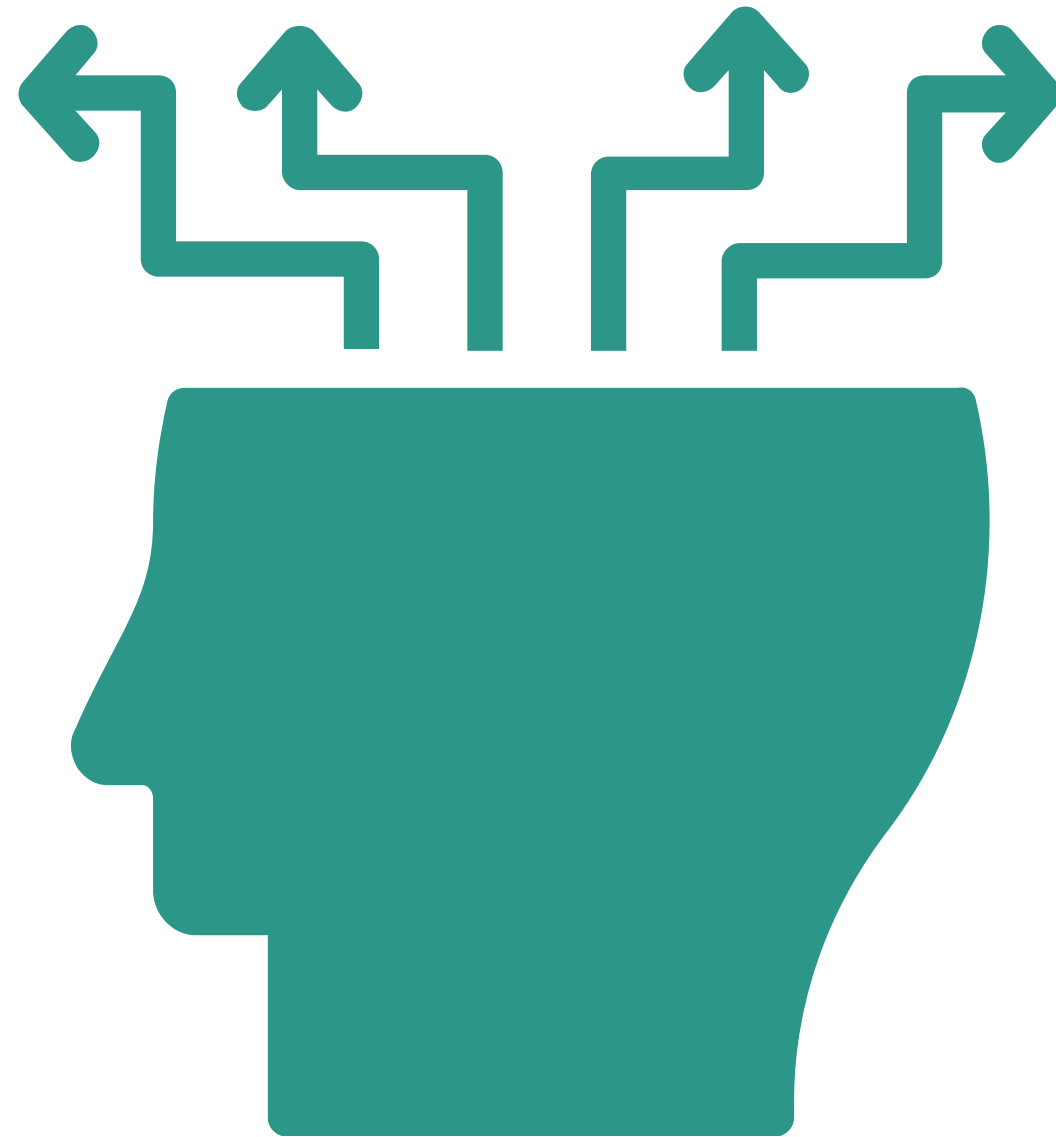
60+
Energetic
Team





OUR STRENGTHS





Analytical Capabilities

Strong Analytical capabilities with latest world-class equipment in our laboratory.



LAB TESTING FACILITY



Water & Wastewater Analysis

All kinds of Industrial & drinking water testing



Biological & Microbiological Testing

All kinds of biological & Microbiological testing & Analysis



Chemical & Physiochemical Testing

Different types of Chemical & Physiochemical Tests



Additional Laboratory Testing Services

Different types of Laboratory Testing Services done in our Lab

Water & Wastewater Analysis

We undertake all kinds of Industrial & drinking water testing and analysis. Here is a list of the Tests we conduct in our labs, related to water and wastewater analysis.

- **Industrial Effluents**
- **Domestic Effluents**
- **Potable water, Ground water, Surface water**
- **Distilled/ Demineralized water**
- **Drinking water analysis (IS 10500 : 2012)**
- **Package drinking water (IS 14543:2004)**
- **Package Natural Mineral water (IS 13428:2005)**



Biological & Microbiological Testing

- **Total Coliform Count**
- **Microbial limits tests**
- **Bacterial endotoxin test (BET)**
- **Test for Pathogens E. Coli, S. aureus, Salmonellae, P. aeuroginasa, Shigella, Legionella, Candida sp., Aspergillus sp., Listeria sp., Bile Tolerant Gram Negative Bacteria**
- **Total Aerobic Microbial Count**
- **Microbial Assay**
- **Total Count**
- **Total Yeast & Mould Count**
- **Particulate testing**
- **Microbial contaminant identification**
- **Area Monitoring (Settle Plates, Air Sampling & Swab test)**
- **Sampling and analysis of water for pharmaceutical microbiology**

Chemical & Physiochemical Testing of Pharmaceuticals

ASSAYS AND CHEMICAL TESTS

- UV/Vis
- AAS
- Chromatographic tests
- HPLC
- Identification of active
- Ingredients and impurities
- GC

PHYSICO-CHEMICAL DETERMINATIONS

- pH
- Melting point
- Flash point
- Loss on drying
- Limit tests
- Calorific value
- Hardness
- Heavy metals
- Dissolution
- Ash
- Residual solvents
- Disintegration

Additional Lab Testing Services

- Water Purification System Validation
- Solid Waste Analysis
- Ambient Air Monitoring Analysis
- Soil Analysis
- Fuel Analysis
- Industrial Hygiene & Work Area Monitoring

Additional Features

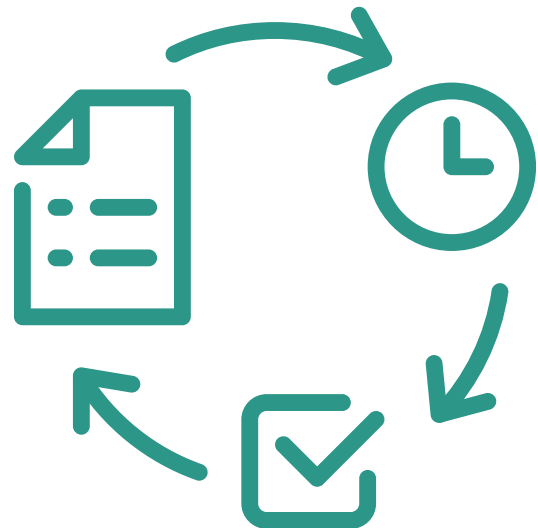
- Service at your doorstep
- Analytical Capabilities

Facility Tour by 360°VR

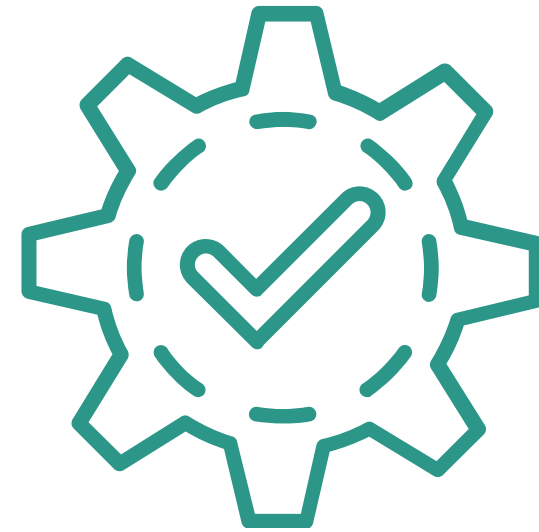
Area	Link
Ground floor – Sample Receipt and Chemical Laboratory	https://siddhigreen.com/vr-ground-floor/
Microbiological Laboratory (GF)	https://siddhigreen.com/vr-micro-lab/
First floor - Technical Work and Administrative office	https://siddhigreen.com/vr-first-floor/
Second floor - Govt. approved Training Institute with demonstration hall and free office space	https://siddhigreen.com/vr-second-floor/



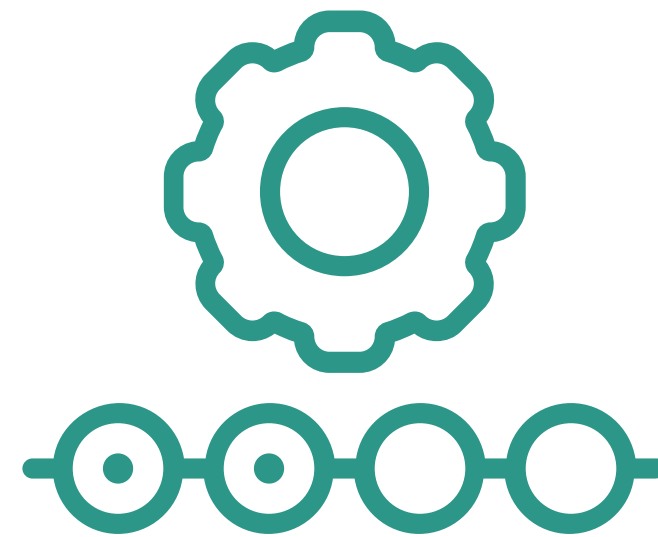
OUR ENVIRONMENTAL MANAGEMENT SOLUTIONS



PROJECT PHASE



**COMPLIANCES
RELATED TO EHS**



OPERATIONS PHASE



**EMS
IMPROVEMENT**



Project Phase

We undertake all kinds activities during the planning & project phase

- **Prior Environmental Clearance (EC)**
- **Six monthly EC compliance report**
- **EIA & Risk assessment**
- **Statutory approvals (CTE, CTO, Change in Product mix, CTO/CTE Amendment & Renewal)**
- **EMS adequacy certification**
- **Hazardous waste categorization and disposal**
- **Actual users for by-products, inorganic salts**
- **Safety Audits / HAZOP / HAZAN / Risk Analysis**



EIA STUDIES

Siddhi Green Excellence Private Limited are the first consultant from Bharuch district to be granted accreditation as EIA Consultant Organization by NABET for the project sectors – pesticides and pesticide specific intermediates (17) and synthetic organic industry (21) in Category A.

We carry out EIA and Risk assessment studies as per the guidelines and formats of MoEF and SEAC incorporating all necessary environmental aspects and risk scenarios using latest risk assessment and air modeling softwares.

Our EIA Study Services

We have inhouse facilities for Baseline Studies of :-

- **Meteorology**
- **Water Quality**
- **Ambient Air**
- **Quality**
- **Socio-economic**
- **Noise levels**
- **Ecology**
- **Geology**
- **Soil**
- **Land Use**

We also undertake individual assignments of Baseline studies.



Compliances related to EHS

We undertake different kinds of compliances related to EHS

- **Environment Audits (Sch II industries)**
- **Six monthly EC compliance report**
- **Environmental Statement**
- **EMS evaluations and adequacy certification**
- **Safety Audits / HAZOP / HAZAN / Risk Analysis**
- **Competent Person testing and certification**
- **Monthly Patrak Filling on XGN & other XGN related work**



Operations Phase

We carry out various operational activities related to the Operational Phase of a business

- **ARC for Environmental monitoring, effluent analysis, WPM**
- **ETP /STP operation**
- **ETP /STP troubleshooting & resetup**
- **Change in product mix**
- **CTE for expansion**
- **Renewal of Statutory approvals**



EMS Improvement

We undertake different kinds of EMS Improvement activities

- **Water reuse & recycle options**
- **Zero Discharge Schemes**
- **Process changes for effluent reduction**
- **ETP modification**
- **Solid waste management**
- **Effluent segregation and reuse options**
- **Advanced treatment schemes**



OUR SAFETY SERVICES



Safety Training



Skill Development



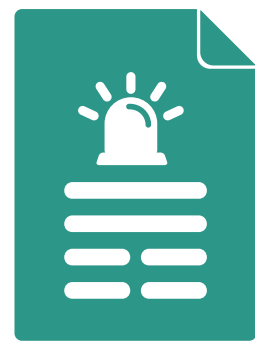
Expert Advice



Study of Processes



**Safety Audits
& Studies**



Emergency Plan



**Manuals &
Training Preparation**



Safety Mockdrills



TESTING & CERTIFICATION SERVICES



Certificate of Stability



**Testing & Certification
For Tools & Equipment**



**Equipment and manpower for
carrying out various tests**

Suggestions for improvement are also given by our competent persons based on their expertise gained during their course of service.



Certificate of Stability

- **We undertake examination and issue of certificate of stability which is mandatory for all factories having civil structures and buildings as per section 6 & 112 of Factories Act every five years.**
- **Our competent person is also Govt. Registered Valuer for valuation of civil structures, buildings, etc.**

Testing & Certification For Tools & Equipment

As per Factories Act 1948, we provide Testing & Certifications for:

- **Lifting Tools And Tackles (section 29)**
- **Hoists & Lifts (Section 28)**
- **Pressure Vessels (Section 31)**
- **Dangerous Machinery (Centrifuge, Power Press Etc.-Section 21)**

Equipment and manpower for carrying out various tests

We provide complete equipment and manpower for carrying out various tests including:

- External examination
- Internal examination
- Hydraulic/Pneumatic test
- Ultrasonic thickness measurement (NDT)

Other Testing & Certification Services

- Chartered engg. Certificate
- Valuation of plant & machinery by Govt. approved Valuer



OUR TRAINING SERVICES

Knowledge Enclave

“Knowledge Enclave” – Our Division for Trainings, Lectures, Seminars, Conferences

Our training program prioritizes workplace safety and equips employees with the knowledge and skills needed to create a secure work environment. With a focus on industry best practices and tailored approaches, we ensure that participants gain valuable insights and practical strategies to mitigate risks effectively.

Some glimpse of our General Safety Training





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"We are not Entrepreneurs, We are Enviropreneurs"

Excellence and Beyond...

Empower Your Safety Culture with Expert EHS Consulting

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