



# **SIMA LABS PVT. LTD.**

## **Sophisticated Industrial Materials Analytic Labs Pvt. Ltd.**



AN ISO CERTIFIED COMPANY IN DESIGNING & EXECUTION OF ETP, STP, RECYCLING & ZLD PLANTS  
NABL ACCREDITED | FSSAI, BIS, AYUSH & MoEF RECOGNISED | GOVT. APPROVED LABORATORIES

Waste Water Treatment and  
Analytical Testing  
Since 1988

visit us at  
[www.simalab.com](http://www.simalab.com)  
[www.simalab.net](http://www.simalab.net)



**Nurturing Sophistication ... A step**  
*Beyond*  
**Excellence**

## About us

**SIMA LABS PVT. LTD.** is a venture by professionally qualified personnel and manned by a team of highly experienced technical staff.

SIMA offers *state-of-the-art* technology solutions and Key strategies for Industrial pollution control and environment management. The Company has commissioned more than 1000 effluent treatment plants and sewage treatment plants on turnkey basis in the last three decades. The consultancy services include basic planning, plant designing, hydraulic and mechanical designing, scale modelling and complete civil structure design. The systems designed are space and cost effective. Due attention is given to the aesthetics and architecture of the proposed plant during designing so as to have a harmony with the existing industrial structure. We at SIMA believe that any project executed for the cause of betterment of environment should have pleasing looks and congenial with ecology.

The company is also engaged in the testing of Drugs, Pharmaceuticals, Chemicals, Cosmetics, Nutraceuticals, Food & Food products, Oil & Oil Cakes, Poultry Feed, Water, Waste Water, Air Pollution, Noise Monitoring, EIA & EMP Studies etc.

SIMA enjoys recognition and acceptance of Various State Pollution Control Boards for Air, Water, Waste Water and Noise Monitoring.

## Accreditation



## Approval



## Empanelment



### Accreditations & Recognitions

- [NABL] National Accreditation Board for Testing & Calibration Laboratories as per ISO/IEC (17025)
- [ISO: 9001: 2015] International Organization for Standardization
- [ISO: 14001: 2004] Environmental Management System
- [OHSAS: 18001: 2007] Occupational Health & Safety Management System
- [BIS] Bureau of Indian Standards as per ISO/IEC 17025: 2005
- [MoEF] Ministry of Environment and Forest under Environment Protection Act (EPA-1986)
- [GLP] Good Laboratory Practices

### Approvals

- [FSSAI] Food Safety and Standards Authority of India
- [AYUSH] Ministry of Ayurveda, Yoga, Unani, Siddha and Homeopathy
- Drugs Control Department, Govt. of N.C.T of Delhi
- [AGMARK] Directorate of Marketing & Inspection, Ministry of Agriculture
- [TNMSCL] Tamil Nadu Medical Services Corporation Limited
- [MPPHSC] Madhya Pradesh Public Health Services Corporation Limited
- [CGMSCL] Chhattisgarh Medical Services Corporation
- [APMSIDC] Andhra Pradesh Medical Services & Infrastructure Development Corp.
- [TMSIDC] Telangana State Medical Services & Infrastructure Development Corp.
- [DHS, Mumbai] Directorate of Health Services
- [DHS, Calcutta] Directorate of Health Services
- [CGHS] All Central Government Health Schemes
- [GMSD] Government Medical Store Depot
- [IMPCL] Indian Medicines Pharmaceutical Corporation Ltd.
- [CCRAS] Central Council for Research in Ayurvedic Sciences

### Empanelment

- [DDA] Delhi Development Authority, New Delhi
- [DMRC] Delhi Metro Rail Corporation, New Delhi
- [MES] Military Engineering Services
- [CPWD] Central Public Works Department, Border Road Circle
- [NDMC] North Delhi Municipal Corporation, New Delhi
- [PGCIL] Power Grid Corporation of India Limited, New Delhi
- State Drugs Control Medical Services
- Various State Pollution Control Boards
- RITES Ltd.

### Specialised Tests

- REACH analysis
- RoHS
- Pesticide residues as per FSSAI / EIC / Apeda
- Shelf Life (Real time & accelerated)
- Identification of steroids & hormones
- Antibiotics residues as per FSSAI / EIC
- Fatty Acid Profile
- Amino Acid Profile
- Nicotine & Arecoline
- Food Grade (As per IS & EU)
- Anti-Oxidants & Preservations
- NOTS
- Vitamins (Water, Fat soluble)
- Aflatoxins & Mycotoxins
- Heavy Metals & Minerals



# PROJECTS

Extra ordinary is adding little extra to ordinary ...

Since 1988, SIMA has become one of the leading players in the field of environment management & control. Three decades of experience & application of latest technologies are reflected in the product design which are developed for the challenging water & waste water scenario in India.

## ENVIRONMENTAL CONSULTANCY

- Level of contamination (Air , Soil , Water)
- Waste Management (Solid & Other toxic waste)
- Feasibility & Treatability Study (Environment Related)

## SIMA SPECIALISES IN TURNKEY SOLUTIONS

- Design engineering, procurement, erection & commissioning
- Industrial waste water treatment plants
- Sewage treatment plants, Effluent treatment plants
- Recycling plants
- Zero liquid discharge plants
- Solid Waste Management Facilities

## AMC

High performance requires extra inputs . . .

SIMA has been making waves in the industry with environmental compliance. Today, SIMA is amongst the leading source of providing technical manpower, catering to the needs of large & small installed environmental utilities. We provide our own trained manpower round the clock to ensure the uninterrupted running of ETP, STP, CETP & MEE. Today, we are managing more than 80 clients on Pan India basis.

## TESTING

Quality with commitment . . .

Since 1988, SIMA is a NABL accredited lab in Biological, Chemical & Mechanical disciplines. SIMA lab is ISO 9001, 14001, 18001 Certified, Approved by MoEF, Drugs Controller Govt. of NCT Delhi, Recognised by BIS, FSSAI, AYUSH, AGMARK, Various State Pollution Control Boards, CPWD, DMRC , Military Engineer Services (MES), DDA & PGCIL.

### Major Instruments and Equipments

#### Spectroscopy

- AAS [Atomic Absorption Spectroscopy]
- ICP-OES [Inductively Coupled Plasma – Optical Emission Spectrometry]
- ICP-MS [Inductively Coupled Plasma – Mass Spectrometry]
- FT - IR [Fourier Transform Infrared Spectrometry]
- U.V. [Ultra Violet & Visible Spectrophotometer]
- Flame Photometry
- Photo Fluorimetry

#### Chromatography

- LC – MS / MS [Liquid Chromatography with Mass Spectrometry]
- GC – MS / MS [Gas Chromatography with Mass Spectrometry]
- GC - MS [Gas Chromatography with Mass Spectrometry]
- HPLC [High Performance Liquid Chromatography]
- Gas – Chromatography [with FID, ECD, NPD]
- Gas – Chromatography FID with Head Space
- Thin – Layer Chromatography
- HPTLC [High Performance Thin Layer Chromatography]

#### Well Equipped Microbiology Section

- Vidas Rapid Test
- ELISA Reader

#### Building, Construction & Raw Materials

- Software supported UTM (100 TONS)
- CTM Automatic (3000 KN)
- Tensile Testing Machine
- Core cutting & Rebound Hammer Test at site
- Vibrating Machine / Vibrating Table

#### STP



#### Multiple Effect Evaporator



#### CETP



#### Recycling Plant



### Industries Served

#### Environment & Water

- STP/ETP Parameters Testing For Water and Waste Water
- Soil Assessment
- Ambient Air Monitoring & Stack Emission Monitoring
- Noise & Vibration Assessment
- Indoor-air Quality
- DG Set Pollution Monitoring
- Solid Waste Testing
- Toxic and Hazardous Waste
- Oil, Grease, Leather and Paints
- Packaged Drinking Water
- Natural Mineral Water

#### Food & Agriculture

- Raw & Cooked Food
- Processed Food
- Nutraceuticals / Health Supplements
- Oil and Fats
- Flavors & Fragrances
- Alcoholic and Non- Alcoholic Beverages
- Meat & Meat Products
- Grain, Pulses (Whole or Powdered)
- Nutritional Labelling
- Additives & Preservatives
- Fortified Food Analysis
- Ready-to-eat Food
- Bakery & Confectionary
- Tea & Coffee
- Chocolates & Candies
- Spices & Condiments
- Milk & Dairy Products
- Fruits & Vegetables
- Pickle, Chutneys & Ketchup

#### Engineering & Construction

- Polymer Identification
- Metal & Alloys
- Cements
- Tiles, Bricks and Pavers
- Concrete & Aggregates
- Design Mix
- Mineral Ores
- Anodising thickness
- Identification of declared wood
- Electrical Components

#### Drugs & Pharma

- Drugs & Pharma : Finished and Raw
- Cosmetics
- Surgical Products and Medical Devices
- Personal Care Products







## Our Offices & Laboratories

## Head Office

## Central Laboratory

*A-3/7 Mayapuri Industrial Area,  
Phase II, New Delhi -110064  
Contact : +(91)-(11)-43854300*

## Building Material Laboratory

Plot No. 107/11/2 & 107/20,  
Udhyog Nagar Industrial Area,  
Mundka, New Delhi - 110041  
Email : [bmlab@simalab.com](mailto:bmlab@simalab.com)  
Contact : +(91)-93198-28884

## Regional Laboratories

## Haridwar, Uttarakhand

Plot No. 37, Sector - 7,  
I.I.E SIIDCUL,  
Haridwar - 249403  
Email:simaharidwar@simalab.co.in  
Contact : +(91)-(01334)-235552

## Jammu, J&K

Aggarwal Business Centre,  
2nd Floor, Shiv Colony,  
Jammu-180010  
Email : [jammu@simalab.co.in](mailto:jammu@simalab.co.in)  
Contact : +(91)-99060-88773

## Collection Centres

<b>UTTARAKHAND</b> <b>DEHRADUN</b>  <b>ROORKEE</b>  <b>RUDRAPUR</b>	Email : <a href="mailto:dehradun@simalab.co.in">dehradun@simalab.co.in</a> Contact : +(91)-79837-68880, +(91)-81714-79910
	Contact : +(91)-8171479910
	Email : <a href="mailto:rudrapur@simalab.co.in">rudrapur@simalab.co.in</a> Contact : +(91)-80777-42925
<b>HIMACHAL PRADESH</b> <b>BADDI</b>	H.No.- 295, Housing Board, Phase - II, Baddi-173205, Distt. Solan Email : <a href="mailto:baddi@simalab.co.in">baddi@simalab.co.in</a> Contact : +(91)-98163-05220
<b>PUNJAB</b> <b>LUDHIANA</b>  <b>JALANDHAR &amp; AMRITSAR</b>	H.No.- 3499, Ground Floor, Opp. Police Colony, Sector - 32A Chandigarh Road, Ludhiana - 141010 Email : <a href="mailto:ludhiana@simalab.co.in">ludhiana@simalab.co.in</a> Contact : +(91)-9873422975
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<b>ASSAM</b> <b>TEZPUR</b>	Email : <a href="mailto:tezpur@simalab.com">tezpur@simalab.com</a>
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Project Services  
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