



ULTRATEST LABORATORY PVT.LTD
(ISO 9001:2015 & NABL Accredited)

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VISION

Our Vision is guided by the able management of UTL. We envision the following:

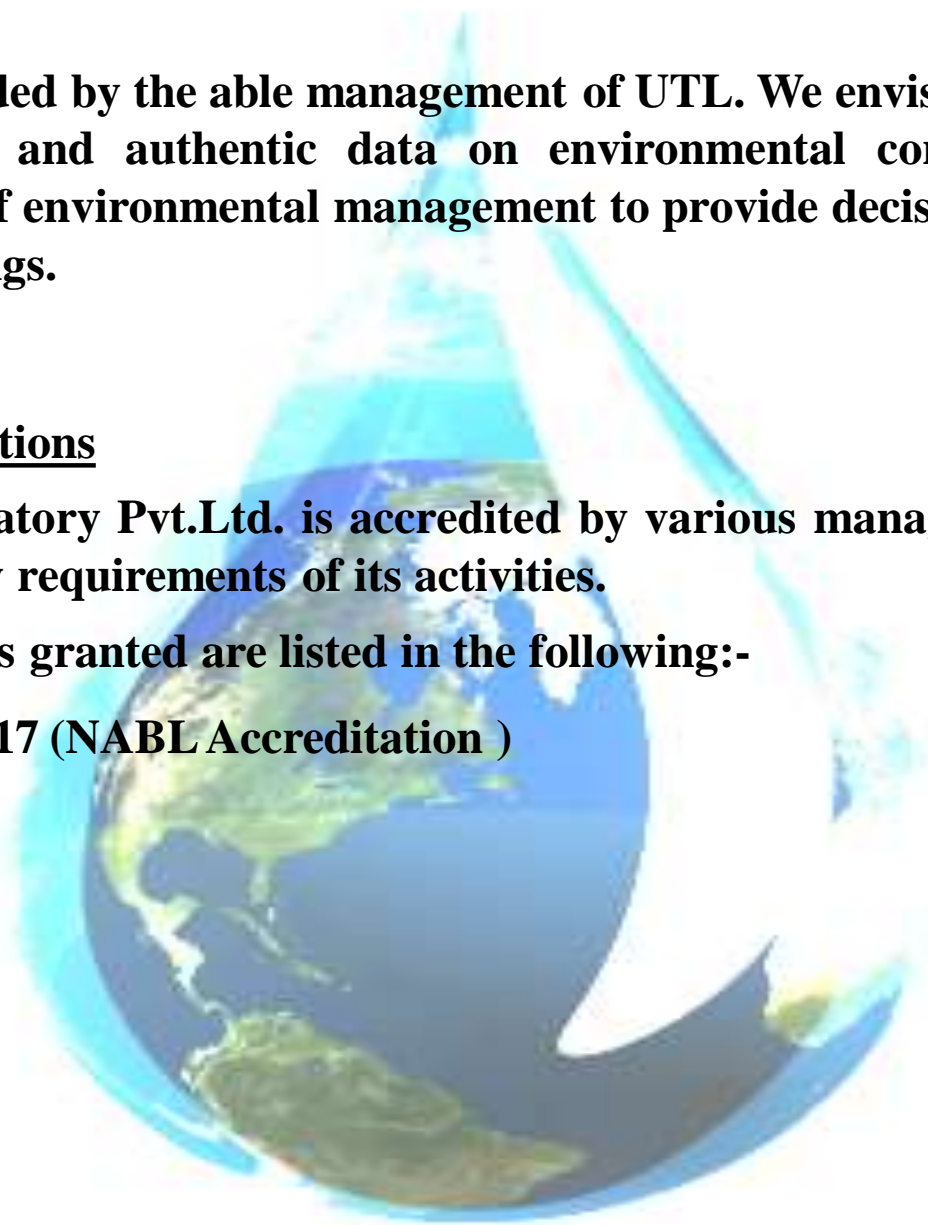
Acquire reliable and authentic data on environmental components, in order to facilitate ration planning of environmental management to provide decision makers, authorities, institution and human beings.

Accreditations & Recognitions

Ultratest Laboratory Pvt.Ltd. is accredited by various management systems which helps it to meet the quality requirements of its activities.

Details of all accreditations granted are listed in the following:-

- ❖ ISO/IEC/17025:2017 (NABL Accreditation)**
- ❖ ISO 9001:2015**
- ❖ ISO 14001:2015**
- ❖ ISO 45001:2018**



Quality Policy

Ultratest Laboratory Pvt.Ltd. management is committed to provide good professional practice and the quality of its testing services to the satisfaction of our customers.

We shall achieve this through:

- ❖ Continual improvement of Quality of Services through up-gradation of knowledge, technical expertise**
- ❖ Proper and periodic review of policies, procedures and objectives**
- ❖ Complying with the International Standard ISO 9001:2008 & ISO 17025:2005 effectively**

Quality Objectives:

- ❖ Reduce customer complaints to the minimum and ensure customer satisfaction (90% of the complaints should be resolved within 48 hours)**
- ❖ Conducting in-house training on quarterly basis for up-gradation of our experts laboratory (1 training per quarter, 4 trainings in a year)**
- ❖ Internal Quality Check of the received samples (monthly)**

Quality Methodology

Standards & Guidelines UTL refers;

- ❖ **BIS (Bureau of Indian Standard)**
- ❖ **APHA (American Public Health Association)**
- ❖ **EPA (Environment Protection Act), 1986**
- ❖ **ASTM International (American Society for Testing and Materials)**
- ❖ **ISO (International Organization for Standardization)**

Services Provided

- ❖ **Sample Collection of Air, Water and Soil/ Sludge.**
- ❖ **Field monitoring for ambient air, stack, noise etc.**
- ❖ **Meteorological Monitoring**
- ❖ **Water , Waste water, Ground Water, Raw Water, Drinking Water, Mineral Water, Construction Water, Boiler Water & Domestic Effluent etc. Testing as per CPCB Guidelines , EPA Act.**
- ❖ **Ambient & Work Zone Noise Monitoring**
- ❖ **Characterization of soil and its Fertility**

Stack , Source & Process Vents

Ultratest Laboratory Pvt.Ltd. offers sampling & analysis of Stack ,Source & Process Vents for following parameters:

- | | | |
|----------------------|----------------------|--------------------------|
| ❖ Particulate matter | ❖ Oxygen | ❖ Hydrogen Sulphide |
| ❖ Sulphur dioxide | ❖ Oxides of Nitrogen | ❖ Any other parameter as |
| ❖ Velocity & flow | ❖ Ammonia | per need of client |
| ❖ Carbon dioxide | ❖ Fluoride | |
| ❖ Carbon monoxide | (Particulate) | |
| ❖ Temperature | ❖ Fluoride (Gaseous | |

Noise measurement

Following parameters are measured and monitored

- ❖ Noise level measurement
- ❖ Ambient noise & source-specific noise
- ❖ Frequency wise dB(A) by Analog Noise Meter for design of acoustic enclosure

Ambient Air Quality/Workplace/Personal Monitoring & Analysis

Our Air testing service covers sampling, field monitoring and analysis of Ambient Air and Work Zone(Indoor Air Quality Monitoring).

- | | | |
|---|-----------|-----------------------|
| ❖ Nitrogen dioxide (NO ₂) | ❖ Ozone | ❖ Benzo(a)pyrene |
| ❖ Sulphur dioxide (SO ₂) | ❖ Lead | ❖ Any other parameter |
| ❖ Particulate matter (PM ₁₀) | ❖ Benzene | as per need of client |
| ❖ Particulate matter (PM _{2.5}) | ❖ Arsenic | |
| ❖ Ammonia | ❖ Nickel | |
| ❖ Carbon Monoxide | ❖ Methane | |

Meteorological Monitoring

Our meteorological monitoring service covers automatic, digital and manual monitoring of the following parameters.

- | | |
|-----------------------|--------------------------|
| ❖ Ambient Temperature | ❖ Relative Humidity |
| ❖ Wind Direction | ❖ Rain Fall |
| ❖ Wind Speed | ❖ Cloud Cover (visually) |

Water Testing & Analysis

We provide detailed testing and analysis of Ground Water, Surface Water, Drinking Water, Mineral Water, Construction Water, Boiler Water and Effluents (Domestic & Industrial), including Micro Biological analysis and identification of zoo-plankton and phytoplankton in water bodies.

Additionally, facilities for bioassay of industrial effluents are provided.

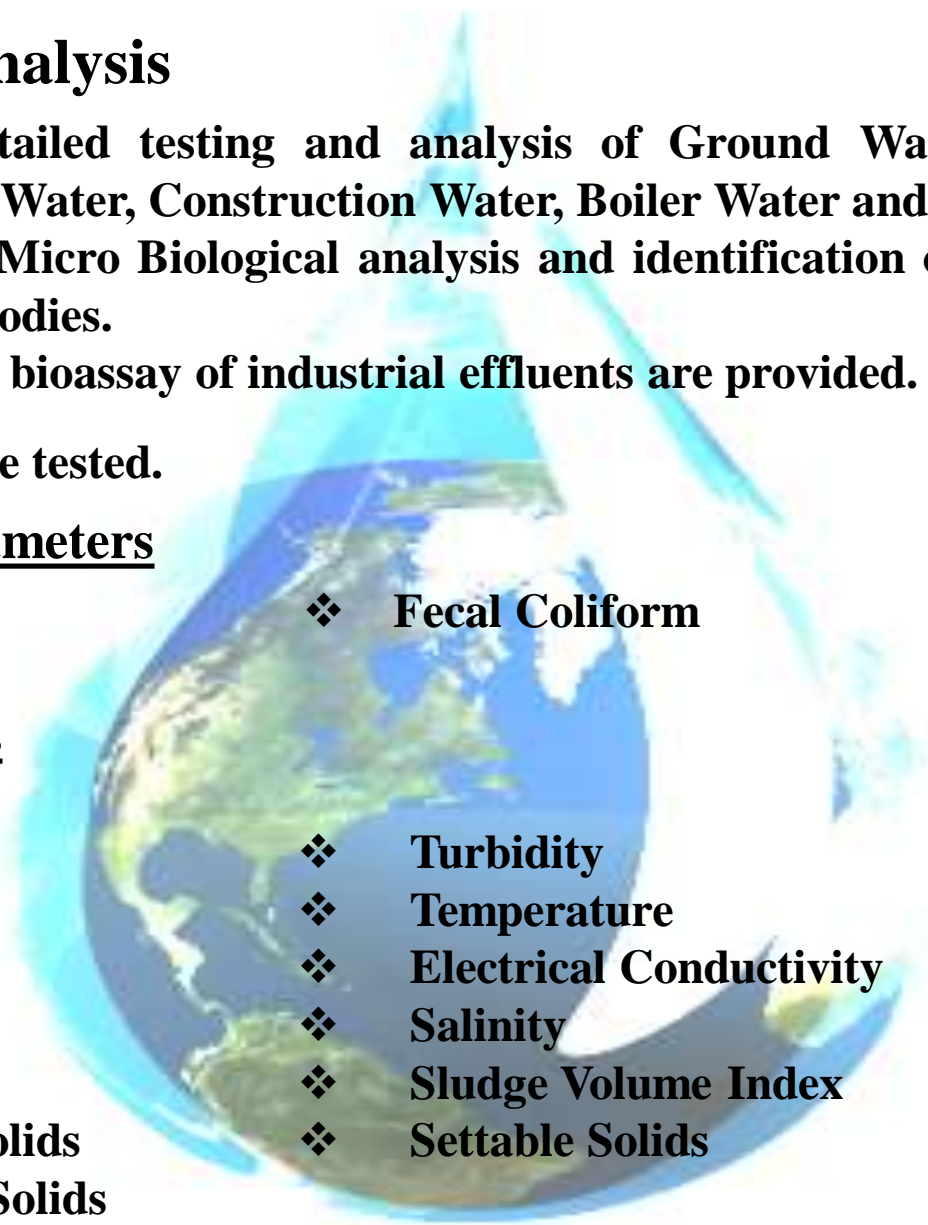
Following parameters are tested.

Microbiological Parameters

- ❖ Escherichia Coli
- ❖ Fecal Coliform
- ❖ Total Coliform

Physical Parameters

- ❖ Color
- ❖ Turbidity
- ❖ PH
- ❖ Temperature
- ❖ Odour
- ❖ Electrical Conductivity
- ❖ Total Solids
- ❖ Salinity
- ❖ Total Dissolved Solids
- ❖ Sludge Volume Index
- ❖ Total Suspended Solids
- ❖ Settable Solids



Inorganic Parameters (General & Non-Metallic)

- ❖ Acidity
- ❖ Alkalinity
- ❖ Ammonical Nitrogen
- ❖ Chloride
- ❖ Chlorine residual
- ❖ Fluoride
- ❖ Total Hardness
- ❖ Dissolved Oxygen
- ❖ Total Kjeldahl Nitrogen
- ❖ Nitrite
- ❖ Nitrate
- ❖ Silica
- ❖ Sulphate
- ❖ Carbon Dioxide
- ❖ Chlorine Demand
- ❖ Cyanide
- ❖ Phosphate

Trace Metals

- ❖ Cadmium
- ❖ Calcium
- ❖ Chromium Total
- ❖ Chromium Hexavalent
- ❖ Copper
- ❖ Iron
- ❖ Aluminum
- ❖ Lead
- ❖ Magnesium
- ❖ Mercury
- ❖ Nickel
- ❖ Potassium
- ❖ Sodium
- ❖ Zinc
- ❖ Arsenic
- ❖ Manganese
- ❖ Selenium
- ❖ SAR
- ❖ Vanadium

Organic Parameters (General & Trace Organics)

- ❖ BOD
- ❖ COD
- ❖ Phenol
- ❖ Organic Matter
- ❖ Surfactants
- ❖ Oil & Grease
- ❖ Pesticide
 - a. Organo-chlorine
 - b. Organo-phosphorus

Lab Facilities

We have state-of-the-art lab facilities for carrying out the environmental monitoring, in line with our quality policy. With an aim for comprehensive coverage of environmental assessment and analysis, our testing infrastructure has wide range of instruments for testing parameters of water & soil samples, air monitoring and meteorological monitoring etc.

The classified lists of instruments in our lab are specified below.

Water & Soil

- | | | |
|-------------------------|-----------------------------------|------------------|
| ❖ Analytical balance | ❖ COD Digestion Apparatus | ❖ Flask shaker |
| ❖ pH meter | ❖ Flame Photometer | ❖ Flocculator |
| ❖ Conductivity meter | ❖ Fuming chamber | ❖ Hot plate |
| ❖ Turbiditymeter | ❖ Bottom sampler | ❖ Refrigerator |
| ❖ Microscope | ❖ Magnetic stirrer with Hot plate | ❖ Deep Freezer |
| ❖ Water Bath | ❖ Vacuum filtration pump | ❖ BOD Incubator |
| ❖ Centrifuge | ❖ Inoculation Hood | ❖ Oven |
| ❖ Distillation Assembly | ❖ Aquarium for bioassay & Aerator | ❖ Muffle Furnace |
| ❖ Heating mantle | | ❖ Colorimeter |
| ❖ Depth sampler | ❖ Water deionizer | |
| ❖ Rotatory shaker | ❖ Water current meter | |
| | ❖ Dissolved oxygen meter | |
| | ❖ Global Positioning system (GPS) | |

Air

- ❖ Respirable Dust Sampler PM₁₀
- ❖ Fine particulate samplers PM_{2.5}
- ❖ Carbon Monoxide Analyzer
- ❖ Automatic weather monitoring station
- ❖ Sound Level Meter
- ❖ Indoor Air Sampler
- ❖ GPS
- ❖ Stack Sampling Kit
- ❖ High Volume Sampler
- ❖ Handy Air Sampler

Microbiology

- ❖ Incubators
- ❖ BOD - Incubator
- ❖ Water Bath
- ❖ Digital Colony Counters
- ❖ Microscope
- ❖ pH meter

Sophisticated Instrument

- ❖ Atomic Absorption Spectrophotometer with Hydride generation accessory
- ❖ Gas Chromatograph
- ❖ Mercury analyzer
- ❖ UV-Visible Spectrophotometer
- ❖ Micro analytical balance
- ❖ Flame photometer
- ❖ Autoclave
- ❖ Inoculation chamber
- ❖ Laminar Air Flow
- ❖ Microscope with digital camera
- ❖ Hot Air Oven

OUR VALUABLE CLIENTS

1. Indian Oil Corporation Ltd
2. Anubhav Apparels Pvt.Ltd.
3. Suprajit engineering limited
4. Power Grid HVDC
5. The Rajlakshmi Cottons Pvt.Ltd.
6. Lehal Export Pvt.Ltd.
7. Suprajit engineering limited
8. Amiczia Creation LLP
9. C & R Textiles Pvt. Ltd
10. Rudra Enviro Solutions
11. Shades Of India Crafts Pvt.Ltd.
12. Real Ispat & Power Limited
13. Vaishali Export House
14. AGH Construction
15. Safico Cement
16. J & K Cement
17. TCI Cement
18. Gyanshree School
19. Chemico Processing Pvt. Ltd.
20. Neer.
21. Patel Engineering Ltd.
22. Parc Design Pvt Limited

- 22.Stalwart Overseas Pvt Ltd
- 23.Wae Ltd.
- 24.Couple International Pvt Ltd.
- 25.Sheela Foam Pvt Ltd.
26. Macawber Beekay Pvt. Ltd.
- 27.Earth Protection Group
- 28.Anupam Nirman Pvt.Ltd.
29. Shukbeer Agro Energy Pvt Ltd
- 30.K,M Sugar Mills
- 31.Sonipat Sugar Mills
- 32.Wago Pvt Ltd
- 33.AOV International Pvt. Ltd.
- 34.Vimal Export Pvt Ltd
- 35.Halonix Pvt. Ltd.
- 36.Wool Spuns Limited.
- 37.Girdhar International Pvt.Ltd.
- 38.Sifi Technologies Pvt. Ltd.
- 39.RMSI Pvt. Ltd.
- 40.Nipman Fastners Pvt. Ltd.
- 41.Orphic Embroidery Pvt. Ltd
42. PVR Ltd (49 PVR Across India)
- 43 Jindal Stainless Steel Pvt Ltd

OUR VALUEBLE CLIENTS

EIA COSULTANT

- ❖ Voyants Solution Pvt. Ltd.
- ❖ G D Consultants
- ❖ Geogreen Enviro House Pvt. Ltd
- ❖ Environmental Research and Analysis
- ❖ A T & Associates
- ❖ E.C Engineer Consultant
- ❖ Macrocosm Environmental Solutions
- ❖ Paramarsh Servicing Environment and Development
- ❖ N.S Envirotech Laboratories and Consultant
- ❖ Earthood Service Pvt Ltd
- ❖ Globus Environment Engineering

CEMENT INDUSTRIES

- ❖ Trumboo Industries Pvt. Ltd.
- ❖ Trumboo Cement Industries Pvt. Ltd.
- ❖ JK Cement
- ❖ Khyber Industries
- ❖ Safico Pvt Ltd

HIGHWAYS PROJECT

- ❖ Anpl-CMATPL (JV)
- ❖ P.K & Company
- ❖ SPL Infrastructure Pvt.Ltd.
- ❖ Prbhu Agarwala Infrastructure
- ❖ eSPAN Infrastructure Pvt.Ltd.
- ❖ Dwarka Infrastructure Pvt. Ltd.
- ❖ Pioneer Infrastructure Pvt .Ltd
- ❖ Veedom Engineering Pvt.Ltd.
- ❖ M2M Consultant Pvt. Ltd.
- ❖ Bundelkhand Expressway
- ❖ Gorakhpur Link Expressway
- ❖ Gawar Constrution Pvt. Ltd
- ❖ Dilip Bulidcon Limited
- ❖ Apco Infrastructure Pvt. Ltd.