

# GREEN CIRCLE, INC.

Integrated HSEQR Consulting Engineers, Scientists & Trainers

ISO 9001 : 2008, 14001 : 2004, NABL/ISO 17025 : 2005 & OHSAS 18001 : 2007 Certified Organisation  
(MoEF Recognised & NABL Accredited Environmental Laboratory)



## Environmental Consulting, Research & Analytical Laboratory Services

### About us

We are leading ISO 9001 : 2008, NABL / ISO 17025 : 2005, ISO 14001 : 2004 & OHSAS 18001 : 2007 Certified, HSEQR Consulting Engineers, Scientists & Trainers, having business & operations in India, Africa, Vietnam, UAE, Oman, Bangladesh, Myanmar & Australia.

We offer total Environmental Consulting & Analytical Laboratory Services which is Recognised & Gazetted by MoEF, New Delhi, India under EPA 1986 & accredited to NABL/ISO 17025, BIS.

### Environmental Monitoring & Analysis

#### Air Sampling & Analysis

##### • Stack

We conduct Iso - Kinetic sampling of flue gas, process analysis & vents for industrial & commercial facilities to estimate Temperature, Velocity, Gasflow, PM, SO<sub>x</sub>, NO<sub>x</sub>, NH<sub>3</sub>, VOC, H<sub>2</sub>S, CO, CO<sub>2</sub> & Particle Size Distribution Analysis (PSD) etc.

##### • Ambient Air

We conduct monitoring / Sampling & analysis of PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>0.8</sub>, SO<sub>2</sub>, SO<sub>x</sub>, NO<sub>x</sub>, NH<sub>3</sub>, H<sub>2</sub>S, Acid Mist, Aerosol etc as per MoEF 2009 Notification.

##### • Workplace / Personal Monitoring

We conduct monitoring & analysis of PM, PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>0.8</sub>, SO<sub>x</sub>, NO<sub>x</sub>, NH<sub>3</sub>, H<sub>2</sub>S, Acid Mist, VOC etc.

##### • Indoor Air Quality

We conduct Indoor Air Quality Monitoring & Analysis to estimate PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>0.8</sub>, CO<sub>2</sub>, CO, Formaldehyde, Ozone, Moulds, Bacterial Counts, Fungi, VOC etc.

#### Water

We conduct Sampling & Physicochemical, Biological analysis of potable water, effluents, ground water to estimate physical, chemical and biological parameters, like Bioassay in our state - of - art Environmental Laboratory.

#### Solid Waste

We conduct Sampling & Physicochemical, Biological analysis of solid wastes, hazardous wastes, Process & ETP - sludge etc.

#### Soil

We conduct sampling & Physicochemical analysis of soil to estimate all standard parameters.

#### Noise

We conduct Noise monitoring, Survey & Mapping with noise data loggers.



### Food Analysis

Food Product Tested as per Food Safety Law :

- Dairy Products
- Sweets
- Namkeen
- Oil & Fats
- Fruits & Vegetables
- Bakery & Confectionary
- Spices & Condiments
- Beverages (Non - Alcoholic)
- Proprietary Food
- Raw Materials for Food Products
- Ready to Eat (Veg.)

### Minerals Analysis

- Iron Ore
- Silica Sand
- Quartz
- Bauxite
- Gypsum
- Lime Stone

## Infrastructure

Our state - of - art Environment & Analytical Laboratory has all instrumentations like GC, AAS, UV Spectrophotometer, Colorimeter, Bomb Calorimeter, pH Meter, Conductivity Meter, Jar Test Apparatus, Rotary Vacuum Evaporator, Pilot Plants of ASP, Aeration, RO, RBC, Root Zone Technology, OWP & Vermi Composting.



## Accreditations & Approvals

Environmental Laboratory is Recognised by MoEF, India and ISO 9001:2008, NABL / ISO 17025 : 2005, 14001 : 2004 & OHSAS 18001 : 2007 Certified, BIS Complied, we are also approved Environmental Auditors (Schedule II) by GPCB, RPCB.



## Specialized Studies

*GCI offers following specialized services*



- Feasibility & Treatability Study
- Water Audit
- ETP / STP Adequacy & Efficacy Study
- ETP Risk Assessment
- Calibration of ETP / STP equipments
- Asbestos Containing Material (ACM) Survey (Phase I, II & III)
- Environmental Audit
- Environmental Site Assessment (Phase I & II)

- Performance Evaluation of Air Pollution Control Equipments
- Lead, Mercury, PCB & PAH - Survey, Sampling & Analysis
- Opacity Meter Calibration
- Waste Recovery & Waste to Product Development
- Hazardous Waste Management
- Pilot Plant Studies
- Annual Operation & Maintenance Contracts of ETP / STP
- Pre Feasibility Study

## Other Services

- Risk & Safety Consulting
- Industrial Hygiene Services
- Electrical Safety Studies
- HSE Training & Seminars
- Fuel Switchover (Biomass, Briquettes)
- EIA, EMP & CRZ
- Rain Water Harvesting
- Cleaner Processes / Production & CDM
- Waste Heat Recovery



## Clients (Partial)

- Reliance Industries Ltd.
- Torrent Pharmaceuticals Ltd.
- Sun Pharmaceuticals Pvt. Ltd.
- Hindustan Petroleum Corporation Ltd.
- Krishnapatanam Power Corp. Ltd. (Navyuga Group)
- Godrej & Boyce Mfg. Co. Ltd.
- GNFC
- ADNOC (Abu Dhabi National Oil Company)
- Assam Gas Company Ltd.
- Abhijeet Group (9 Power Projects)
- Deepak Fertilizers & Petrochemicals Corp. Ltd.
- Gujarat State Fertilizers Company Ltd.
- Indian Oil Corporation Ltd.
- Walchandnagar Industries Ltd.
- Nagarjuna Fertilizers & Chemicals Ltd.
- ACC Ltd.
- IFFCO
- Asian Paints Ltd.
- Petronet LNG Ltd.
- Aurobindo Pharma Ltd.
- Lupin Ltd.
- Corporate Power Ltd.
- Nirma Ltd.



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**ALSO AT** : NEW DELHI GOA PUNE BENGALURU U. K. HYDERABAD KOLKATA  
**OVERSEAS** : AUSTRALIA OMAN KUWAIT AFRICA VIETNAM UAE BANGLADESH MYANMAR

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