❖ TURNKEY PROJECTS : -

SKYLAB design, manufacture, supply, erect & commissions water treatment plants on turnkey basis for various types & natures of water and waste water, effluents which combines advanced physio-chemical treatment processes with tertiary polishing system for the removal of organic & inorganic matter, oil & grease, heavy metals & suspended solids etc.

As a turnkey project, we undertake design, erection, commissioning of

- ☛ Effluent Treatment plant
- ☛ Sewage Treatment Plant
- ☛ Package Water Treatment Plant
- ☛ Reverse Osmosis Plant
- ☛ Complete Laboratory setup

❖ TRAINING & COURSES : -

SKYLAB as a part of responsible society, undertakes awareness as well of training programs for all fresher candidates as well as experienced EHS Professionals. SKYLAB is well equipped with modern advanced technical instruments along with core tea, experts & facilities.

❋ Training Modules: -

- ☛ **Analytical Instrumental Training:**
- ☛ **AAS, GC, UVIS etc.**

(Unit process, Calibration, QC-QA, Data Acquisition Applications, Method validation, Maintenance, Trouble shooting, Live Demo & practical experience)

- ☛ **Environmental Monitoring & Analysis: -**

Ambient Air monitoring, stack monitoring, indoor air quality monitoring, illumination survey, sea water, soil etc. (Sampling techniques, Methodologies, protocols, Standardly, practical experience etc.)

- ☛ Environmental legislations
- ☛ Awareness Program of Environment, Health & safety (EHS)
- ☛ Risk assessment & Disaster Management
- ☛ Fire & Safety

❖ R &D CENTRE :-

Research & development is the need of time. R&D helps the organization for developing new services or products & also for improving existing services or products. R&D is crucial for acquiring larger shares of the market through the marketization of new products. **SKYLAB's** approach to each work is to satisfy the need & purpose of client. SKYLAB can utilize its modern infrastructure & vast technical expertise for the assistance, development & benefit of the client. SKYLAB can provide following services under **R&D: -**

- ☛ Performance evaluation, operation & maintenance
- ☛ Treatability study of water
- ☛ Fuel efficiency Study & analysis
- ☛ Environment Management study
- ☛ Any other study survey as per need & specifications of client.
- ☛ Method development analysis & contract research.

The SKYLAB .... Experience To Touch..... The Philosophers Stone

RECOG. BY GOVT. OF INDIA (MoEF)

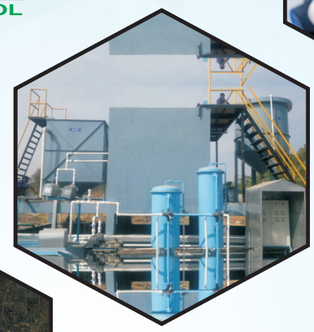
ENVIRONMENTAL LABORATORY

Sky LaB®

OUR GOAL POLLUTION CONTROL

Period from 08-04-2013 to 07-04-2018

Since 1991



SKYLAB ANALYTICAL LABORATORY

(ENVIRONMENTAL LABORATORY)

(Gazetted By MoEFCC, Govt. of India)

(Accredited by NABL as per ISO/IEC 17025:2005 and Certified by ISO 9001, OHSAS 18001)

Corporate office and Environmental Laboratory

First floor, Chintamani Smruti, Next to Phadke Hospital,
Parnaka, Kalyan West- 421301, Dist. Thane, Maharashtra, INDIA.
Phone: 9820386785/9867577309/310/312 Email: mails@skylabenviro.com
Website: www.skylabenviro.com

ABOUT US.....

Established in 1991, **SKYLAB Analytical Laboratory** is leading Environmental Infrastructure Service Provider in India. Our state of the art laboratory caters to a wide range of world class **Environment Impact Assessment Study Projects**, various type of pollution level measurment survey analysis & testing of environmental parameters in air, water, noise, soil, sludge, illumination, **vibration** etc, Food testing of various food products, Quality analysis of various types of Textile & Textile products etc., Consultancy, Method Development / validation, Specific Analysis, R & D, Quality Assessments Training or even Career Opportunities & so on....

SERVICES OFFERED BY SKYLAB.....

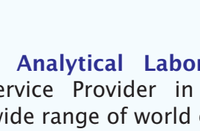
❖ ENVIRONMENTAL MONITORING : -

SKYLAB provides a versatile range of services for chemical, biological, physical analysis of & testing of variousparameters using standard methods & modern instruments along with expert staff & expertise; enabling us to meet the needs of customers.

The SKYLAB is expertly providing following services,

⁕ Air Monitoring: -

- Ambient Air Monitoring
- Stack emission Monitoring (DG stack, Process, Scrubber,Incinerator, Exhaust etc.)
- Fugitive Emission monitoring
- Dust / Respirable Suspended Particulate Matter (PM 10/ PM 2.5)
- Gaseous Pollutants
- Vehicular Emission Monitoring
- Trace Metal Analysis in SPM / PSPM
- Workplace Environmental Monitoring
- Indoor Air Quality Monitoring



⁕ Soil Testing & analysis: -

- Soil Texture
- Soil Chemical Analysis (Total)
- Water Soluble Salts
- Available Nutrients
- Exchangeable Cations
- Lime & gypsum requirement of soil
- Fertility status of soil

⁕ Sludge Testing & Analysis: -

- Municipal solid water testing
- Hazardous / Non-Hazardous solid testing
- Sludge analysis & testing

⁕ Noise Monitoring: -

- Ambient Noise
- Work Zone Noise
- DG Noise
- Source Noise
- Noise monitoring survey
- Noise study
- Leq, L_{90}, L_{50} etc. Measurement

⁕ Water & Waste Water Testing & Analysis: -

- Drinking Water (Potable & Domestic Water)
- Packaged Drinking Water
- Natural Mineral Water
- Ground Water (Wells, Bore wells etc.)
- Surface water (River, Canals, Lake, Ponds, Dams, Reservoirs etc.)
- Boiler feed water
- Construction Purpose Water
- Waste water (Industrial / Domestic)
- ETP Inlet / outlet water
- STP Outlet water
- Swimming pool water
- Industrial / cooling purpose water – Ro water
- Trace metals in water
- Distilled / Demineralized water
- Pesticides residue in water
- Microbiological testing of water.

⁕ Meteorological Survey: -

- Wind speed
- Wind direction
- Temperature
- Humidity
- Rainfall

⁕ Ventilation Survey

⁕ Illumination Monitoring

⁕ Vibration Monitoring

⁕ Personal Exposure

❖ ENVIRONMENTAL CONSULTANCY SERVICES : -

SKYLAB utilizing its resources to ease the clients' requirement. SKYLAB can always assist to add value to its customers business operation through experience, knowledge in areas of specialization to meet clients' special needs,

- Environment Impact Assessment study Projects (EIA Projects) in all the sectors.
- Pollution level measurement services.
- Preparation for Environment statement.
- Safely & energy audit
- Clearances from Environment Dept (central & state), MoEFCC, Govt of India.
- Clearance from MPCB, all SPCB.
- Consultancy for Consent renewal, consent to establish, Amendment, NOC, etc.
- Technical assistance

❖ FOOD TESTING & ANALYSIS: -

Food safety & quality is a major concern for food manufacturers, food processors & allied industries. Food quality & hygiene is one which impacts in productivity, corporate image & also financial growth. Worldwide countries including India, are adding new stringent legislation & the regulatory authorities to ease food quality & hygiene. Frequent, periodic food testing & analysis is the only way to ensure quality & to meet requisite compliances.

SKYLAB ensures quality analysis of the food & food products by thoroughly testing & analyzing various of parameters in food sample using modern sophisticated instruments, equipment etc. along with technical expertise.

Various parameters for food products tested at for number of at SKYLAB are,

- Snacks
- Oil & Fats
- Milk & Dairy products
- Bakery & Confectionary
- Egg & Poultry Products
- Fruit juices, Instant drinks
- Food grains, pulses, cereals
- Packaged food & supplements
- Spices, Dry fruits & condiments
- Starch and Starch based products
- Animal feeds
- Water & Beverages
- Fruits & vegetables
- Sea food & meat
- Ready to eat food
- Oil seeds & edible oil
- Tea & Coffee products
- Nuts & Nut based Products
- Sugar & sugar boded products
- Honey & Honey hosed products
- Alcoholic Beverages

❖ TEXTILE TESTING & ANALYSIS: -

SKYLAB has modern laboratory equipped with sophisticated testing & analytical instruments both for carrying out applied research, investigation & testing of a wide range of textile material, dyes, auxiliaries & chemicals. We perform analysis of fabric & apparel to leading international standards which includes routine fabric quality, specialized Garment Tests, Chemical Testing & Sophisticated ecological tests. We have capability of testing to all major retailers' Requirements. Apart from testing, we assist our customers of achieve buyer specifications though suggestions, guidance & training.

⁕ **Fibre Identification: -** FibreType & % of fibre contents

⁕ **Eco textile testing: -** Metal, Chemical, fungicides, dyes content etc.

⁕ **Feather & Down testing: -** quantitative analysis, filling power, thermal properties, migration & penetration resistance etc.

⁕ **Care lable instruction: -**

- Color fastness to washing, bleaching & dry clean
- Dimensional stability, appearance, retention & ironing
- Physical tests- strength, abrasion, pilling resistance
- Fine analysis & pH
- Thermal resistance, water vapor resistance etc.

⁕ **Fabric Quality Testing**

- Count & construction
- Weight
- Fibre content
- Strength Properties
- Dimensional stability
- Flammability

⁕ **Color fastness to: -**

- Washing
- Water
- Rubbing
- Perspiration
- Light
- Saliva
- Chlorine Bleach / Non-Chlorine Bleach
- Ozone
- Wet scrubbing
- Chlorinated water
- Sea Water