



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

F. No. LB/99/7/2021-INST LAB-HO-CPCB-HO/ Pvt-208

19254

Dated: 1.12.2021

Speed Post

To,

The Director
Excellent Enviro Laboratory & Research Centre Pvt. Ltd.,
Plot no. D-52/18, MIDC Area Waluj, Aurangabad,
Maharashtra-431136.

Subject: Recognition of M/s Excellent Enviro Laboratory & Research Centre Pvt. Ltd., Aurangabad, Maharashtra, as Environmental laboratory under the Environmental (Protection) Act-1986.

Sir,

I am directed to refer to your application dated 09.10.2020 for the recognition of your laboratory Environmental (Protection) Act. 1986. Based on the recommendations of the expert committee for recognition of Environmental laboratories in its 66th meeting held on 6th & 7th Sep 2021 and your acceptance of the revised terms and conditions at Annexure-III & IV of the guidelines for recognition of environmental laboratories, CPCB approves the renewal of recognition of M/s **Excellent Enviro Laboratory & Research Centre Pvt. Ltd., Aurangabad Maharashtra, 431136**, as shall be notified in the Gazette of India. Considering the current validity of mandatory accreditation/certifications of the laboratory, this recognition shall be valid up to 02.09.2023.

2. As sought in your aforementioned application M/s **Excellent Enviro Laboratory & Research Centre Pvt. Ltd., Aurangabad, Maharashtra, 431136**, may undertake the following tests:

- i. **Physical Tests**-Conductivity, Colour, pH, fixed & volatile solids, Total Solids, Total Dissolved solids, Total Suspended Solids, Turbidity, temperature, Velocity & Discharge measurement of industrial effluent stream, Flocculation test (Jar test), Odour, salinity, settleable solids and Sludge Volume Index (SVI).
- ii. **Inorganic (General and non-metallic)**: Acidity, Alkalinity, Ammoniacal Nitrogen, Chloride, Chlorine residual, Dissolved Oxygen, Fluoride, Total hardness, Total Kjeldahl Nitrogen (TKN), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Bromide, Carbon dioxide, Chlorine demand, Iodine, Sulphite, Silica, Cyanide and Sulphide.
- iii. **Inorganic (Trace metals)**: Boron, Cadmium, Calcium, Chromium Total, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio, Zinc, Arsenic, Aluminium, Beryllium, Barium, Manganese, Selenium, Silver, Strontium, Antimony and Cobalt.
- iv. **Organics (General) and trace organics**: Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and grease, Phenol, Pesticide (each) (Organo-chlorine and Organo nitrogen-phosphorus), Total Organic Carbon (TOC), Surfactants, Poly chlorinated biphenyl (PCBs) each, Polynuclear aromatic hydrocarbons (PAHs) each, Organic Carbon (in solid) and Carbon/Nitrogen ratio.
- v. **Microbiological test**: Total Coliform, Faecal Coliform, *Faecal Streptococci*, *E. coli*, Total Plate Count and *Enterococcus*.
- vi. **Toxicological Tests**: Bioassay method for evaluation of toxicity using fish and measurement of toxicity using *Daphnia* or other organism.
- vii. **Biological Tests**: Benthic organism identification and count and measurement of various diversity index, Chlorophyll and Primary Productivity.

Contd.

Ans

- viii. **Characterization of Hazardous waste:** Preparation of leachate (TCLP/Water extract). Corrosivity, Ignitability (Flash Point), Reactivity, Toxicity and measurement of heavy metals/ pesticides in the waste and leachate
 - ix. **Soil/sludge/Sediment and solid waste:** Boron, Cation Exchange Capacity (CEC). Electrical Conductivity. Nitrogen (available), organic Carbon/matter (Chemical method), pH, Phosphorous (available), Phosphate (ortho), Phosphate (total), Potassium, SAR in soil extract. Sodium, Soil moisture, TKN, Calorific Value, Ammonia, bicarbonate, calcium, calcium carbonate, Chloride, Colour, Humic Acid, Heavy metals, Magnesium, Nitrate, Nitrite, PAH, Pesticide, Potash (Available), Sulphates, Sulfur, Total water soluble salt and Water Holding Capacity.
 - x. **Ambient Air/ fugitive emissions:** Nitrogen Dioxide (NO₂), Sulphur Dioxide (SO₂), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter PM₁₀, PM_{2.5} Ammonia, Carbon Monoxide, Chlorine, Fluoride, Non methane hydrocarbon, Lead, Methane, Ozone, Benzene Toluene Xylene (BTX), Polycyclic aromatic hydrocarbon (PAH), PM_{2.5} and Volatile Organic Carbon.
 - xi. **Stack gases/ source emission:** Particulate Matter, Sulphur Dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of Nitrogen, Acid mist, Ammonia, Chlorine, Fluoride (particulate), Fluoride (Gaseous), hydro chloric acid, Total Hydrocarbons, Hydrogen sulphide and Carbon disulphide
 - xii. **Noise level:** Noise level measurement (20-140 dba) and Ambient noise and source specific Noise.
 - xiii. **Meteorological:** Ambient temperature, Wind direction, Wind speed and Relative Humidity.
3. Further, the following analysts have been approved for recognition as government Analysts.

- i. Sh. Subhash Bhanudas Mudgadekar,
- ii. Sh. Sagar Shridhar Jare
- iii. Ms. Dhammashila Dinkar Narwade

4. The laboratory shall compulsorily participate in the Analytical Quality Exercise conducted by the Central Pollution Control Board (CPCB) to ascertain the capability of the laboratory and analysis carried out and shall submit quarterly progress report to CPCB.
5. The periodic surveillance of the recognized environment laboratory will be undertaken by CPCB to assess its proper functioning systematic operation and reliability of data generated at the laboratory.
6. It is also mandatory for the laboratory to have requisite accreditations of the **ISO: 17025 (NABL) Validity 02.09.2023** and **ISO:45001 (OH&SMS) 02.08.2022** and its renewal as per accreditation rules. This recognition is subject to such accreditations and renewals as applicable. **The laboratory may approach CPCB for further extension of validity of recognition after renewal of the mandatory accreditations / certifications concerned.**
7. The laboratory should compulsorily follow the accepted terms and conditions. In case of serious non-compliance of any of the terms and conditions, the laboratory may be black listed for a minimum period of two years and civil/criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.

Yours faithfully,

Namita Mishra
11/12/2024

Namita Mishra
Scientist-D & Divisional Head
Instrumentation laboratory