



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

Date: 29th January 2024
23rd January 2025

Recognition Letter

To,

The Head of Laboratory,
M/s Hubert Enviro Care Systems (P)Ltd.
A-21, 3rd Phase, Behind Lions Club School,
Labour Colony, SIDCO Industrial Estate, Guindy,
Chennai -600032, Tamil Nadu.

Subject: Recognition of M/s Hubert Enviro Care Systems (P) Ltd. A-21, 3rd Phase, Behind Lions Club School, SIDCO Industrial Estate, Guindy, Chennai- 600032, Tamil Nadu as Environmental laboratory under the Environmental (Protection) Act- 1986 - reg.

Sir,

With reference to your application dated 31/10/2023 along with acceptance of the terms & conditions of the guidelines for recognition of environmental laboratories under the Environmental (Protection) Act, 1986, submitted to Central Pollution Control Board (CPCB), the Competent Authority of CPCB has accorded approval for recognition of Environmental laboratory and Govt. Analysts. Subsequently, M/s Hubert Enviro Care Systems (P) Ltd. A-21, 3rd Phase, Behind Lions Club School, SIDCO Industrial Estate, Guindy, Chennai- 600032, Tamil Nadu shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory with a validity up to 24/09/2025.

2. The following analysts have been approved as Government Analysts :

1. Dr. Rajkumar Samuel
2. Ms. D. Anusuya
3. Sh. Sivaprakasam

3. The laboratory should compulsorily follow the accepted terms and conditions and may undertake the following tests :

- a) **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.
- b) **Inorganic (General and Non-metallic) :** Acidity, Alkalinity, Ammonical 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.
- c) **Inorganic (Trace Metals) :** Boron, Cadmium, Calcium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio, Zinc, Arsenic, Aluminium, Beryllium, Barium, Lithium, Manganese, Selenium, Silver, Strontium, Tin, Antimony, Cobalt and Vanadium.
- d) **Organics (General) and Trace Organics:** Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and Grease, Phenolic Compounds, Pesticides each (Organo-Chlorine and Organo Nitrogen-Phosphorus), Total Organic Carbon, Adsorbable Organic halide (AOX), Surfactants, Poly-Chlorinated Biphenyl each (PCB's), Polynuclear Aromatic Hydrocarbon (PAH) each, Organic Carbon (In Solid) and Carbon/Nitrogen Ratio.
- e) **Microbiological Test:** Total Coliform, Faecal Coliform, *E. coli*, *Faecal Streptococci*, Total Plate Count, *Enterococcus* and *Coliphage*.
- f) **Toxicological Tests:** Bioassay Method for Evaluation of Toxicity Using Fish (90% survival of fish after 96 hrs in 100% effluent) and Measurement of Toxicity Using Daphnia or Other Organism and Measurement of Toxicity Factor using Zebra Fish (Dimensionless Toxicity Test).

Contd.

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

- g) **Biological Tests:** Benthic Organism Identification and Count, Planktonic Identification Count and Chlorophyll.
 - h) **Characterization of Hazardous Waste:** Preparation of Leachate (TCLP Extract/ Water Extract), Ignibility (Flash Point), Toxicity and Measurement of Heavy Metals/Pesticides in the Waste/Leachate.
 - i) **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 Carbonate, Calcium, Chloride, Colour, Exchangeable Sodium Percentage (ESP), Gypsum Requirement, Heavy Metals, Magnesium, Nitrate, Nitrite, PAH, Pesticide, Potash (Available), Sulphate, Sulphur, Total Organic Carbon and Water Holding Capacity.
 - j) **Ambient Air/ Fugitive Emissions:** Nitrogen Dioxide (NO₂), Sulphur Dioxide (SO₂), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter PM10, Ammonia, Carbon Monoxide, Chlorine, Fluoride, Non Methane Hydrocarbon, Lead, Methane, Ozone, Benzene Toluene Xylene (BTX), Polycyclic Aromatic Hydrocarbon (PAH) Benzo-a-Pyrene and others, PM_{2.5} and Volatile Organic Carbon.
 - k) **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), Hydrochloric Acid, Hydrogen Sulphide, Total Hydro Carbon, Carbon Disulphide and Mercaptan.
 - l) **Noise Level:** Noise Level Measurement (20-140 dBA) and Ambient Noise and Source Specific Noise.
 - m) **Meteorological:** Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity, Solar Radiation and Rain Fall.
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) Exercise conducted by the CPCB to ascertain the capability of the laboratory and analysts. The lab shall submit quarterly progress report on the sample analysis carried out to CPCB.
 5. The surprise inspection / periodic surveillance of the recognized environment laboratory will be undertaken to assess its proper functioning systematic operation and reliability of data generated at the laboratory by a Joint Team as per the Notification.
 6. The laboratory should have the mandatory requisite accreditation and certificate of the ISO: 17025 and ISO: 45001 as per rules. This recognition is subject to such accreditations and renewals as applicable and 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.
 7. **M/s Hubert Enviro Care Systems (P) Ltd. Chennai, Tamil Nadu** is required to apply for further renewal of recognition through online using CPCB web portal (<https://cpcebepalab.in/epalab>) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

 23/11/25

(Dr. K. Ranganathan)
Scientist-E & Divisional Head
Instrumentation laboratory

डॉ. के. रंगनाथन / Dr. K. Ranganathan
वैज्ञानिक 'ई' / Scientist 'E'
प्रभाषी जल एवं उपकरणीय प्रयोगशाला
Div. Head-Water & Instrumentation Laboratory
केंद्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
(Min. Environment, Forest & Climate Change, Govt. of India)
परिवेश भवन, पर्याय अर्जन नगर, दिल्ली-110032