



11<sup>th</sup> November 2025

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

**Recognition Letter**

To,  
**The Head of Laboratory,  
M/s Hubert Enviro Care Systems (P) Ltd,  
A21, 3<sup>rd</sup> Phase, Behind Lions Club School,  
Labour Colony, SIDCO Industrial Estate,  
Guindy, Chennai, Tamil Nadu-600032.**

**Subject: Recognition of M/s Hubert Enviro Care Systems (P) Ltd, A21, 3<sup>rd</sup> Phase, Behind Lions Club School, Labour Colony, SIDCO Industrial Estate, Guindy, Chennai, Tamil Nadu-600032 as Environmental laboratory under the Environmental (Protection) Act- 1986— reg.**

Sir,

With reference to your application dated 29/07/2025 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 renewal of recognition of Environmental laboratory and Govt. Analysts. Subsequently, **M/s Hubert Enviro Care Systems (P) Ltd, A21, 3<sup>rd</sup> Phase, Behind Lions Club School, Labour Colony, SIDCO Industrial Estate, Guindy, Chennai, Tamil Nadu-600032** shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory **with a validity up to 24/09/2028 (for three years), subject to validity of ISO/IEC 17025 and IS/ISO 45001.**

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

1. Smt. D. Anusuya
2. Sh. Muthukaruppan
3. Dr. Rajkumar Samuel

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

- a) **Physical Tests:** Conductivity, pH, Total Solids, Total Dissolved Solids, Total Suspended Solids, Turbidity, Colour, Temperature, Salinity, Odour, Flocculation Test (Jar Test), Fixed & Volatile Solids, Settleable Solids, Sludge Volume Index(SVI) and Velocity & Discharge Measurement of Industrial Effluent Stream.
- b) **Inorganic (General and Non-metallic):** Alkalinity, Ammonical Nitrogen, Chloride, Fluoride, Hardness (Total), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Cyanide, Dissolved Oxygen, Calcium, Magnesium, Sulphide, Total Chlorine Residual (TRC), Acidity, Bromide, Chlorine Demand, Free Chlorine, Dissolved Carbon Dioxide, Iodide, Silica, Sulphite, Total Kjeldahl Nitrogen (TKN) and Total Phosphorus.
- c) **Inorganic (Trace Metals):** Arsenic (As) Total, Boron, Cadmium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Mercury, Nickel, Potassium, Sodium, Zinc, Aluminium, Barium, Cobalt, Manganese, Vanadium, Selenium, Sodium Absorption Ratio (SAR), Beryllium, Antimony, Lithium, Silver, Strontium and Tin.
- d) **Organics (General) and Trace Organics:** Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Organo-chlorine Pesticides (OCPs), Organo-phosphorus Pesticides (OPPs), Oil and Grease, Phenolic Compounds as C<sub>6</sub>H<sub>5</sub>OH, Benzopyrene, Pesticides, Surfactants, Polynuclear Aromatic Hydrocarbon (PAH), Carbon/Nitrogen Ratio, Poly-Chlorinated Biphenyl (PCB's) as Enviro Indicator, Phenolic Compound.
- e) **Microbiological Test:** Total Coliform, Faecal Coliform, *E. coli*, Faecal Streptococci and Total Plate Count.
- 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 factor using Zebra fish (dimensionless toxicity test).

**‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली - 110032.**  
**Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.**

contd.

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

- g) **Hazardous Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid):** Corrosivity, Ignibility (Flash Point), Loss on Drying at 105°C (% Moisture Content), Loss on Drying at 550°C (% Organic content), pH, Organic Carbon/matter (Chemical method), Calorific Value, Toxicity Characteristic Leaching Procedure (TCLP) Leachate and Metals in Leachate (As, Cd, Cr, Pb, Ni), Cyanide, Total And Amenable To Chlorination, Nitrate, Metals In Waste, Pops, Pesticides And Insecticides, TCLP And Metals, In Leachate, POP, Pesticides and Insecticides in Leachates, Hydrogen Cyanide Released From Waste And Hydrogen Sulphide Released From Waste.
- h) **Soil/Sludge/Sediment and Solid Waste:** Cation Exchange Capacity (CEC), Electrical Conductivity, Organic Carbon/Matter (Chemical Method), pH, Soil Moisture, Total Nitrogen, Metals by digestion, Available N,P,K; Micronutrients-Available Fe, Cu, Mn, Zn Mo (By DTPA), Available Boron, Available Sulphur, Exchangeable Ca, Mg, Na; Sodium Absorption Ratio (SAR), Exchangeable Sodium Percentage (ESP), Gypsum Requirement, Lime Requirement, Metals in soil by digestion, POPs, Pesticides and Insecticides, Soil Texture, Soil Structure, Total Soluble Sulphates as Sulphate, Total Soluble Solid and Water Holding Capacity.
- i) **Municipal Solid Waste/Plastic Waste:** Composition and characterization (% by weight) and Toxicity profile of MEW included heavy metals, Persistent organic pollutants (POP), pesticides, and insecticides.
- j) **Ambient Air/ Fugitive Emissions:** Nitrogen Dioxide (NO<sub>2</sub>), Sulphur Dioxide (SO<sub>2</sub>), PM<sub>10</sub>, PM<sub>2.5</sub> Carbon monoxide, Ozone, Benzene, Ammonia, Metals in Particulate Matter- Lead, Arsenic, Nickel, Particulate Benzo-a-Pyrene (BaP), Non Methane Hydrocarbon, Polycyclic Aromatic Hydrocarbon (PAH) and Volatile Organic Carbon.
- k) **Stack Gases/ Source Emission:** Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen, Carbon Dioxide, Carbon Monoxide (NDIR based Method), Temperature, Moisture, Oxygen, Halides (HCl/HF), Sulphuric Acid Mist, Hydrogen Sulphide and Carbon Disulphide.
- l) **Noise Level:** Ambient Noise Level Measurement (20 to 140 dBA), Source Noise Level Measurement (Industrial Process, DG set etc) (20 to 140 dBA) and DG Set Noise Leq.
- m) **Meteorological:** Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity, Mixing Heights 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:// epalab.cpcb.gov.in](https://epalab.cpcb.gov.in)) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

(Namita Mishra)

Scientist-E & Divisional Head  
Instrumentation Laboratory