

F. No. Q-15018/18/2018-CPW
Government of India
Ministry of Environment, Forest and Climate Change
(CP Division)

.....
Agni-233, Indira Paryavaran Bhavan,
Jor Bagh Road, New Delhi – 110 003

Dated, the 13th December, 2019

To

M/s Chandigarh Pollution Testing Laboratory
E-126, Phase-VII, Industrial Area
Mohali-160055, Punjab

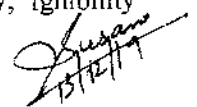
Subject: -Recognition of M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali-160055, Punjab as Environmental Laboratory under the Environment (Protection) Act, 1986 – regarding.

Sir,

I am directed to refer to your application dated:30.11.2017 for renewal of recognition of your laboratory under Environment (Protection) Act, 1986 and Action Taken Reports submitted thereafter. Based on the recommendations of the Expert Committee for Recognition of Environmental Laboratories in its 60th meeting held on 30.08.2019 and your acceptance of the revised terms and conditions at Annexure-III & IV of the Guidelines for recognition of Environmental Laboratories, this Ministry approves the renewal of recognition of M/s Chandigarh Pollution Testing Laboratory, E-126, Phase-VII, Industrial Area, Mohali-160055, Punjab as shall be notified in the Gazette of India. **Considering the current validity of mandatory accreditations/ certifications of the laboratory, this renewal shall be valid up to 11.10.2020.**

2. As sought in your aforementioned application, M/s Chandigarh Pollution Testing Laboratory, Mohali 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, Odour, Settleable solids and Sludge volume index.
- (ii) **Inorganic (General & Non-metallic):** Acidity, Alkalinity, Ammonical nitrogen, Chloride, Chlorine residual, Dissolved oxygen, Fluoride, Total hardness, Total kjehldal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Carbon dioxide, Chlorine demand, Sulphite, Silica 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, Manganese and Selenium.
- (iv) **Organics (General) and Trace Organics:** Bio-chemical oxygen demand (BOD), Chemical oxygen demand (COD), Oil & grease, Phenol, Pesticide ((Organo-chlorine, Organo nitrogen-phosphorous), Surfactants, Poly-Chlorinated biphenyl (PCB's) each, Polynuclear aromatic hydrocarbon (PAH) each.
- (v) **Microbiological Tests:** Total Coliform, Faecal Coliform, Faecal streptococci, E. coli and Total Plate count.
- (vi) **Toxicological Tests:** Bioassay method for evaluation of toxicity using fish, Measurement of toxicity using Daphnia or other organism.
- (vii) **Biological Tests:** Planktonic identification count, Chlorophyll and Primary Productivity.
- (viii) **Hazardous Waste:** Preparation of Leachate (TCLP extract/water extract), Corrosivity, Ignibility (Flash Point), Toxicity, Measurement of heavy metals/ pesticides in the waste/ leachate


15/12/19

- (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, Heavy metal, Magnesium, Nitrate, Nitrite, Sulphate, Sulphur and Water holding capacity.
- (x) **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide (NO₂), Sulphur dioxide (SO₂), Total Suspended particulate matter, Respirable suspended particulate matter (PM₁₀), Ammonia, Carbon monoxide, Fluoride, Non methane hydrocarbon, Led, Ozone, Benzene Toluene Xylene and PM_{2.5}.
- (xi) **Stack Gases/ Source Emission:** Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Acide Mist, Ammonia, Chlorine, Fluoride (Particulate), Fluoride (Gaseous).
- (xii) **Noise Level:** Noise level measurement (20 to 130 db (A)), Ambient Noise & Source-specific Noise.
- (xiii) **Meteorological:** Ambient temperature, Wind direction, Wind speed, Relative Humidity and Rainfall.

3. Further, the following analysts have been approved for recognition as Government Analysts.

- (i) Mr. Ranbir Singh Rana
(ii) Mr. Sital Singh
(iii) Mr. Sandeep Singh Dhanoa

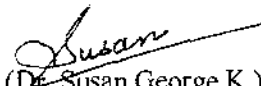
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) exercise conducted by the Central Pollution Control Board (CPCB) at least once a year to ascertain the capability of the laboratory and analyses carried out and shall submit quarterly progress reports to this Ministry.

5. Periodic surveillance of the recognized environmental laboratory will be undertaken by this Ministry/ 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 NABL/ ISO 9001 and OHSAS and its renewal as per accreditation rules. This recognition is subject to such accreditations and renewal, as applicable. **The laboratory may approach this Ministry for further extension of validity of recognition after renewal of the mandatory accreditations/ certification concerned.** Such application for extension of validity may be submitted to this Ministry in due advance, preferably before 6 months.

7. The laboratory should compulsorily follow the accepted Terms & 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,


(Dr. Susan George K.)
Scientist 'D'

Tel. No. 011-24695327
Email: susan.george@nic.in

Copy to:

1. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi – 110032.
2. Member Secretary, Punjab Pollution Control Board, Vatavaran Bhavan, Nabha Road, Patiala
3. Additional Principal Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (NZ), Bays No. 24-25, Sector-31A, Dakshin Marg, Chandigarh.
4. Director, IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website