

F.No.15018/48/2015-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 26th September, 2018

To

M/s Alcatec Research Laboratories India Pvt. Ltd.
Plot No. 1652, M.I.E, Part- B
Bahadurgarh-124507
Haryana

Subject: - Recognition of M/s Alcatec Research Laboratories India Pvt. Ltd., Plot No. 1652, M.I.E, Part-B, Bahadurgarh-124507, Haryana as Environmental Laboratory under the Environment (Protection) Act. 1986.

Sir,

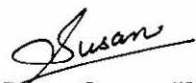
I am directed to refer to your application dated 22.12.2015 for recognition of your laboratory under Environment (Protection) Act, 1986. Based on the recommendations of the Expert Committee for Recognition of Environmental Laboratories in its 50th meeting held on 7th & 16th June, 2017 and your acceptance of the revised terms and conditions at Annexure-III & IV of the Guidelines for recognition of Environmental Laboratories, this Ministry approves the recognition of M/s Alcatec Research Laboratories India Pvt. Ltd., Plot No. 1652, M.I.E, Part-B, Bahadurgarh-124507, Haryana for five years, as shall be notified in the Gazette of India.

2. As sought in your aforementioned application M/s Alcatec Research Laboratories India Pvt. Ltd., Bahadurgarh, Haryana 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 & Non-metallic):** Acidity, Alkalinity, Ammonical nitrogen, Chloride. Chlorine residual, Dissolved oxygen, Fluoride, Total hardness, Total kjehldal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Bromide, Carbon dioxide, Chlorine demand, Iodine, 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, Barium. 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), Total organic Carbon, Tannin & lignin, Organic carbon (in solid) and Carbon/Nitrogen ratio.
- V. **Microbiological:** Total coliform, Faecal Coliform, Faecal streptococci, E. coli and Total Plate Count.
- VI. **Biological:** Chlorophyll, Primary productivity and P/R Ration.
- VII. **Hazardous Waste:** Preparation of Leachate (TCLP extract/water extract), Corrosivity, Ignibility (Fresh Point) and Measurement of heavy metals/ pesticides in the waste/ leachate.
- VIII. **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, Gypsum requirement, Heavy Metal, Magnesium, Nitrate, Nitrite, Pesticide, Sulphate, Sulphur, Total water soluble salt and Water holding capacity.
- IX. **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide (NO₂), Sulphur dioxide (SO₂), Total suspended particulate matter, Respirable suspended particulate matter (PM₁₀), Ammonia, Carbon monoxide, Chlorine, Fluoride, Lead and Ozone.
- X. **Stack Gases/ Source Emission:** Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Ammonia, Chlorine, Fluoride (Particulate), Fluoride (Gaseous), and Hydrogen Sulphide.
- XI. **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise.
- XII. **Meteorological:** Ambient temperature, Wind direction, Wind speed, Relative Humidity and Rainfall.
3. 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.
4. 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.
5. 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. Permission in para 2 above is subject to such accreditations and renewal, as applicable.
6. 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'

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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, Haryana Pollution Control Board, C-11, Sector-6, Panchkula, Haryana-134109
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. IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website