

F.No.15018/22/2018-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 15th February ,2019

To

M/s Shiva Test House
1st Floor, Rajhans Niketan
Near Canal , Rukunpura, Bailey Road
Patan-800014, Bihar

Subject: - Renewal of Recognition of M/s Shiva Test House, 1st Floor, Rajhans Niketan, Near Canal, Rukunpura, Bailey Road, Patna-8000014, Bihar as Environmental Laboratory under the Environment (Protection)Act. 1986.

Sir,

I am directed to refer to your application dated :24.01.2018 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 56th meeting held on 23rd January, 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 recognition of M/s Shiva Test House, 1st Floor, Rajhans Niketan, Near Canal, Rukunpura, Bailey Road, Patna-8000014, Bihar for five year, as shall be notified in the Gazette of India.

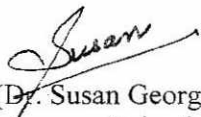
2. As sought in your aforementioned application M/s Shiva Test House, Patna may undertake the following tests:

- 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 (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, Carbon dioxide, Sulphite and Silica.
- 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, Lithium, Tin, and Cobalt.
- IV. **Organics (General) and Trace Organics:** Bio-chemical oxygen demand (BOD), Chemical oxygen demand (COD), Oil & grease, Phenol, Pesticide ((Organo-chlorine, Organo nitrogen-phosphorous), Tannin & lignin, Poly-chlorinated biphenyl (PCB's) Each and Polynuclear aromatic hydrocarbon (PAH) each.
- V. **Microbiological:** Total coliform, Faecal Coliform, Faecal streptococci, E. coli and Total Plate Count.
- VI. **Toxicological Tests:** Bioassay method for evaluation of toxicity using fish and Measurement of toxicity using Daphnia or other organism.
- VII. **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide (NO₂), Sulphur dioxide (SO₂), Total suspended particulate matter, Respirable suspended particulate matter (PM₁₀), Ammonia, Carbon monoxide, Lead, Ozone, Benzene Toluene Xylene(BTX), Polycyclic aromatic hydrocarbon (PAH) Benzopyrine & Others, PM_{2.5} and Volatile Organics Carbon.

- VIII. **Stack Gases/ Source Emission:** Particulate matter, Sulphur dioxide, Velocity & flow, Carbon dioxide, Carbon monoxide, Temperature, Oxygen, Oxides of nitrogen, Ammonia, Fluoride (Particulate), Fluoride (Gaseous), Hydrogen Sulphide and Carbon disulphide.
- IX. **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise.
- X. **Meteorological:** Ambient temperature, Wind direction, Wind speed, Relative Humidity and Rain fall.
3. Further, the following analysts have been approved for recognition as Government Analysts.
- (i) Dr. Shibeswar Prasad
(ii) Dr. (Mrs.) Shreyasee Prasad
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. Permission in para 2 above is subject to such accreditations and renewal, as applicable.
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.

3 b5

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, Bihar Pollution Control Board, Mall Road, Patliputra Industrial Area, Digha Ghat, Patna, Bihar-800010
3. Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar-751023.
4. Director, IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website