

F.No.15018/29/2017-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 27th August, 2018

To

M/s Winmet Technologies Private Limited
Plot No. E-65, Site-IV
UPSIDC, Greater Noida
Uttar Pradesh

Subject: - Recognition of M/s Winmet Technologies Private Limited, Plot No. E-65, Site-IV, UPSIDC, Greater Noida-201306, Uttar Pradesh as Environmental Laboratory under the Environment (Protection) Act, 1986.

Sir,

I am directed to refer to your application letter no.WMT/RG-2017009 dated 11th May,2017 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 54th meeting held on 1st June, 2018 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 Winmet Technologies Private Limited, Plot No. E-65, Site-IV, UPSIDC, Greater Noida-201306, Uttar Pradesh for five years, as shall be notified in the Gazette of India.

2. As sought in your aforementioned application M/s Winmet Technologies Private Limited, Greater Noida 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, 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 kjehidal nitrogen (TKN), Nitrite nitrogen, Nitrate nitrogen, Phosphate, Sulphate, Chlorine demand, Silica and Sulphide.
- (iii) **Inorganic (Trace metals):** Boron, Cadmium, Calcium, Chromium Total, Chromium hexavalent, Copper, Iron, Lead, Magresium, Mercury, Nickel, Potassium, Sodium, Sodium absorption ratio, Zinc, Arsenic, Manganese, Selenium and Antimony.
- (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, Tannin & lignin, Polynuclear aromatic hydrocarbon (PAH) each.
- (v) **Microbiological:** Total coliform, Faecal coliform, Faecal streptococci, E. coli and Total Plate Count
- (vi) **Toxicological:** Bioassay method for evaluation of toxicity using fish, Measurement of toxicity using Daphnia or other organism.
- (vii) **Biological:** Macrophytic identification, Planktonic identification count and Chlorophyll.
- (viii) **Hazardous Waste:** Preparation of Leachate (TCLP extract/water extract), Ignibility (Flash Point) Reactivity and Measurement of heavy metals/ pesticides in the waste/ leachate
- (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, Exchangeable Sodium Percentage (ESP), Heavy metal, Magnesium, Nitrate, Nitrite and Sulphate.

- (x) **Ambient Air/ Fugitive Emissions:** Nitrogen dioxide (NO₂), Sulphur dioxide (SO₂), Total suspended particulate matter, Respirable suspended particulate matter (PM₁₀), Ammonia, Lead, Ozone, Benzene Toluene Xylene (BTX), Polycyclic aromatic hydrocarbon (PAH), Benzo-a-pyrene & others and PM_{2.5}
- (xi) **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), Hydro-chloric acid and Hydrogen sulphide.
- (xii) **Noise Level:** Noise level measurement (20 to 140 dba) and Ambient noise & source specific noise.
- (xiii) **Metecrological:** 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'
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, Uttar Pradesh Pollution Control Board, Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010
3. Additional Principal Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (CZ), Kendriya Bhawan, 5th Floor, Sector H, Aliganj, Lucknow-226020.
4. IT Division, MoEF&CC, New Delhi-110003: for uploading on MoEF&CC website