

F. No. Q-15018/34/2015-CPW
Government of India
Ministry of Environment, Forest and Climate Change
(CP Division)

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Indira Paryavaran Bhavan,
Jorbagh Road, Aliganj, New Delhi-110 003

Dated: 6th April, 2017

ORDER

Subject: Recognition as Environmental Laboratory under the Environmental (Protection) Act, 1986 – regarding.

This refers to application/letter No. NTLR/Moe/15-16, dated 22nd July 2015 of M/s. Nichrome Testing Laboratory and Research Pri. Ltd. for recognition of its laboratory under the Environment (Protection) Act, 1986. Based on the recommendation of the Expert Committee for Recognition of Environmental Laboratories in its 47th meeting held on 26.10.2016 and acceptance of the terms and conditions at Annexure-III, IV and V of the Guidelines for Recognition of Environmental Laboratories by the applicant, this Ministry approves the recognition of M/s Nichrome Testing Laboratory and Research Private Limited, 170, Judges Bungalow road, Narayanpur, Dharwad-580008, Karnataka for five years, as shall be notified in the Gazette of India.

2. As per information provided vide letters, dated 24.01.2017 and 07.02.2017, M/s Nichrome Testing Laboratory and Research Private Ltd. can undertake the analysis of

(i) **Water and Wastewater**(*Physical Test*: Conductivity, Colour, pH, Fixed and Volatile solids, Total solids, Total dissolved solids, Total suspended solids, Turbidity, Temperature, Velocity & discharge Measurement of industrial effluent stream, Odour, Settleable solids and SVI;

(ii) **Inorganic- General and non-metallic** : Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine residual, Dissolved Oxygen, Fluoride, Total Hardness, TKN, Nitrite- Nitrogen, Nitrate-Nitrogen, Phosphate, Sulphate, Sulphite, Carbon Dioxide, Cyanide, Sulphide; *Trace Metals*: Boron, Cadmium, Calcium, Chromium Total, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, SAR, Zinc, Arsenic, Lithium, Manganese and Selenium;

(iii) **Organics (General) and Trace Organics**: BOD, COD, Oil and Grease, Phenol, Pesticide i.e. (Organo-chlorine, Organo Nitrogen-Phosphorus), PAH, Organic Carbon and Carbon/Nitrogen ratio;

(iv) **Microbiological Tests**: Total coliform, Faecal Coliform, Faecal Streptococci, E.Coli and Total Plate Count;

(v) **Toxicological Tesh**: Bioassay and Toxicity Factor;

(vi) **Soil/ Sludge/Sediment and Solid Waste** :Boron, CEC, EC, Nitrogen available, Organic carbon/matter, pH, Phosphorous(available), Phosphate(ortho), Phosphate(Total), Potassium, SAR in soil extract, Ammonia, Calcium, Heavy metal, Magnesium;

(vii) **Ambient Air /Fugitive Emissions:** : Nitrogen Dioxide , Sulphur Dioxide, Total suspended particulate matter, PM₁₀, Ammonia, Carbon Monoxide, lead, Ozone, Benzene- Toulene- Xylene (BTX), PAH, PM_{2.5} and VOC;

(viii) **Stack gases/ Source Emission** : Particulate matter, Sulphur Dioxide, Velocity & flow, Carbon Dioxide, Carbon Monoxide, Temperature, Oxygen, Oxides of Nitrogen and Acid mist, Ammonia, Fluoride(gaseous), Fluoride(Particulate), H₂S,C₂S.

(ix) **Noise:** Ambient and Source Specific; and

(x) **Meteorological monitoring:** Ambient temperature, Wind direction, Wind speed, Relative Humidity and Rain fall.

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 renew the NABL / ISO 9001 and OHSAS accreditations and its renewal as per accreditation rules. Permission in Para 2 above is subject to such accreditation and renewal, as applicable.



(R.N. Jindal)
Director (S)

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(रा. नि. जिन्दल)
(R. N. JINDAL)

निदेशक/Director

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Min. of Environment, Forests & Climate Change
एन.डी.ए. नई दिल्ली
New Delhi, India, New Delhi

To

M/s Nichrome Testing Laboratory and Research Private Limited
170,Judges Bungalow road, Narayanpur
Dharwad-580008, Karnataka

Copy to:

1. Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.
2. Member Secretary, Karnataka State Pollution Control Board "Parisara Bhavan", #49, Church Street-Bangaluru-560001
3. Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Sadan, 4th Floor, Koramangala-II block, Bangaluru-560034,
4. Zonal Office, Central Pollution Control Board, Nisarga Bhawan, Shivanagar, Rajaji Nagar, Bangaluru-560010
5. IT Division, MoEF&CC, New Delhi-110003.