



SPEED POST/Email

B-29016/IPC-I/Dye/83

August 09, 2019

To,

The Regional Director
Central Pollution Control Board
Parivesh Bhawan, Opp. VMC Ward,
Office No. 10, Subhanpura, Vadodra-390 023

Sub: Verification of compliance of the direction issued u/s 5 of E(P) Act 1986 to M/s. Rathie Dye Chem Pvt.Ltd, 40, MIDC, Dhatav Roha, Dist-Raigad-402116, Maharashtra - Reg.

Sir,

This has reference to the closure direction issued u/s 5 of E (P) Act, 1986 on 29.01.2018 to the unit **M/s. Rathie Dye Chem Pvt. Ltd, 40, MIDC, Dhatav Roha, Dist-Raigad-402116, Maharashtra**. In response the unit has submitted documents required for revoke of closure direction. The Unit has submitted ETP adequacy report from Excellent Enviro Laboratory & Research Centre (MoEF recognised but not the government institution). Further, CPCB requested vide letter dated April 27, 2018 to provide a detailed report on adequacy of ETP from a reputed Government Institution (copy enclosed). However, no response has been received from the Unit since April, 2018.

You are, therefore, requested to inspect the unit for verification of its operational status as well as compliance status and submit the report to this office by 31.08.2019 positively.

Encl: As above

Yours faithfully,


(Dinabandhu Gouda)
Additional Director & DH, IPC-I

Speed post

B-30064/01/06/IPC-1

April 27, 2018

To

1679
M/s Rathi Dye Chem Pvt Ltd.
Plot no.40 M.I.D.C. Dhatav , Roha
District Raigad - 402116
Maharashtra

Sub: Regarding ETP adequacy report – reg.

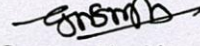
Sir,

This has reference to your E-mail dated 25.04.2018 wherein you have submitted ETP adequacy certificate from a MOEF recognised private laboratory.

However as per CPCB letter dated March 20, 2018, you were requested to submit ETP adequacy report from a recognised Government institution.

Hence it is requested to provide a detailed report on adequacy of ETP from a reputed Government institution. The report should include a proper detailed study of each unit, so that a conclusion about adequacy of your ETP to treat the generated effluent is assessed.

Yours faithfully


(Gurnam Singh)
AD & I/c IPC-I

OC

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
निर्गत.....
दिनांक..... 4/5/2018



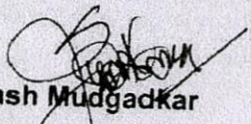
Excellent Enviro Laboratory & Research Center

CERTIFICATE

This is to certify that we have audited M/s. Rathi Dye Chem (P) Ltd. 40 MIDC Estate, Dhatav, Roha, Dist Raigad. It is manufacturing textile & Non Textile dyes. The audit was performed with actual visit to the manufacturing facility, collection of waste water samples, including soil, hazardous waste and emission monitoring of the site. The main audit objectives are whether the manufacturing facility complies with MPCB consent to operate conditions, national environmental laws and regulations and government policies and programs. Whether the Manufacturing facility is equipped with adequate waste water treatment facility for the consented products and its effectiveness. Whether the emission control equipment's fuel consumption is adequate as per the consented conditions. Whether the facility has sound Environmental Management system. After detail analysis it is observed that the existing Effluent Treatment Plant is maintained properly & operated continuously is adequate enough to treat 300-350 M³ Of effluent per day to achieve COD reduction up to 250mg/l. List of Units and equipments are given in Annexure A.

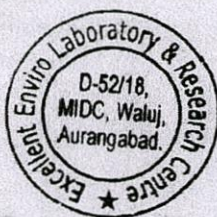
The recommendations for the corrective actions at some requirements as highlighted in the report have been discussed immediately after the audit for Company's Implementation and the inclination from the company has been very positive.

Excellent Enviro Laboratory and Research Centre


Mr Subhash Mudgalkar

Environmental Consultant

& Director of MOEF Approved Laboratory



Date: 25th April 2018

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated February 10, 2017

REGISTERED OFFICE :
D-52/18, MIDC Waluj,
Aurangabad - 431 136.
Ph. 0240-6641879
9970429991

MUMBAI OFFICE

Dhawalgiri Co-op. Hsg. Society,
Building No.1, Flat No. B-3,
Near Peace Park Hotel,
Thana Naka, Panvel - 410 206
9970429991

PUNE OFFICE

Block No.16/17, A WING,
1st Floor, Sagar Complex,
Nasik Phata, Kasarwadi,
Pune - 411034.
9970429991



Accreditation & Approvals

ISO 9001: 2008

OHSAS 18001: 2007

MOEF & CC approved laboratory
By Govt. of India

Website : www.eelab.in/ eelab@excellentenviro.com



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ANNEXURE A

- 1) Collection tank (TANK NO 1)
It is a five compartment acid proof tiled lined underground tank

Capacity of the compartments is

Compartment A = 127 m³

Compartment B = 127 m³

Compartment C = 108 m³

Compartment D = 117 m³

Compartment E = 117 m³

Compartments D & E are fitted with agitators with arrangements to charge lime slurry.

Effluent generated at the generation point can be collected separately in these compartments.

Effluent containing sulphuric acid is collected in compartments D & E. It is neutralized with lime

& taken for filtration in to the filter press the filtered effluent is returned to the collection tank

- 2) Equalization tank (TANK NO 2)
Capacity 158 m³

Effluent from plant / collection tanks are mixed in this tank for equalization

- 3) Neutralization tank (TANK NO 3 & 4)
Capacity: 35 m³

It is a tank with two compartments fitted with agitators & arrangements to charge Lime slurry.

- 4) Flocculation tank (TANK NO 5)
Capacity: 10 m³

It is fitted with an agitator. There are three dosing tanks connected to this flocculation tank to dose Coagulants / flocculants like Polyelectrolyte, ferrous Sulphate, and Alum & Lime slurry.

- 5) Primary Clarifying tank (TANK NO 6)

Capacity: 192 m³

It is a conical bottom round tank with two pumps connected to bottom out-let to withdraw solids

Settled at the bottom. The solids are pumped to filter press. The clear effluent is overflow & passed to Buffer tank

- 6) Buffer tank (TANK NO. 7)

Capacity: 18 m³

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Overflow clear effluent from Primary clarifying tank is received here & pumped to aeration tank.

- 7) Aeration Tank A (TANK NO 8)
Capacity: 576 m³

Effluent after primary treatment is received here for bio-degradation.
Bacterial culture is maintained in this tank. It has diffused aeration system to maintain the dissolved Oxygen level in it.

- 8) Secondary Settling Tank 1st (TANK NO 9)
Capacity: 18 m³ Biomass is settled at the bottom and recirculate 100% and excess biomass drain at sludge drying bed.

- 9) Aeration Tank B (TANK NO 10)
Capacity: 214 m³

Effluent after primary treatment is received here for bio-degradation.
Bacterial culture is maintained in this tank. It has diffused aeration system to maintain the dissolved Oxygen level in it.

- 10) Tube Settler tank (TANK NO 11)
Capacity : 18 m³

Used to recirculate the culture overflown from the aeration tank.

- 11) Sludge holding tank (TANK NO 12)
Capacity 90 M3

- 12) Polishing tank (TANK NO 13)
Capacity: 6.5 m³

For final dosing of flocculants & settling of solids. The solids settled are pumped to sludge holding tank for filtration.

- 13) Tube Settler tank III (TANK NO 14)
Capacity: 90M³

Used to remove any last traces of solids. The solids settled at the bottom are pumped to sludge holding tank for filtration.

- 14) Filter presses
EQUIPMENT NO 15

ONE WITH 42 CHEMBERS

TWO WITH 48 CHEMBERS

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[Signature]

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15) Sludge holding tanks
TANK NO 16

MS TANKS (feed tanks for filter presses)

16) Sludge drying beds
Total area 500 M²

Well-built with side brick walls & RCC bottom. Arrangements of Roofing to cover during rainy season.

17) Root Blowers
TWO NUMBERS: MAKE - EVEREST BLOWERS

CAPACITY 1200 M³ / HR

PRESSURE 0.45 Kg/ cm²

ONE NUMBER : Capacity 350 M³ / HR

PRESSURE 0.4 Kg/ cm²

18) Final treated effluent is discharged to CETP



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