

B-449/PCI-III/DIST /2k16-17

BY REGISTERED AD

June 19, 2018

To,

M/s. Ravindra & Co. Ltd.,
SY No. 96, Mallik Mirzapur Village,
Bidar Taluk & District,
Karnataka-585401

DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

WHEREAS, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Ravindra & Co. Ltd., SY No. 96, Mallik Mirzapur Village, Bidar Taluk & District, Karnataka (hereinafter referred as 'the Unit') was inspected by officials of CPCB Regional Directorate, Bangalore, on **21.04.2018**, as a part of inspection carried out on the basis of SMS Alert generated from the online monitoring systems and the following observations were made during the inspection;

1. The unit is engaged in manufacturing of Rectified Spirit with installed capacity of 45 KLD using Molasses as raw material.
2. The unit is generating around 360 KLD of spent wash and the unit has provided anaerobic digester of 400 KLD capacity followed by aerobic treatment based on activated sludge process.
3. As per the consent to operate conditions, Seventy percent (68,040 KL/Annum) of the bio-methanated spent wash shall be used for composting and the balance (29,160 KL/Annum) shall be utilised for one time controlled land application (OTLCA).
4. The unit has two discharge points, namely, Discharge point 1: Spent lees mixed with boiler blow down and discharged for irrigation and Discharge point 2: bio-methanated spent wash leading to composting and OTCLA.
5. During inspection, water was flowing from discharge point 1 for irrigation. However, online analysers for parameters pH, TSS, BOD, COD and flow meter are


not installed at this point. The analysis results of the sample collected at discharge point-1 (spent lees + others leading to irrigation) shows values of pH -6.8, TSS- 12 mg/l, TDS - 932 mg/l, **BOD - 340 mg/l**, **COD - 752 mg/l** and Oil & Grease - 4.5 mg/l.

6. The analysis results indicate that the quality of the effluent utilised for irrigation is not meeting the specified standards of **BOD - 100 mg/l**, as per the Consent to operate issued by SPCB
7. The unit has installed online analysers for parameters pH, TSS, BOD and COD at the outlet of bio-digester, instead of clarifier outlet. The unit has not installed flow meter.
8. The unit has provided 30 days storage tank for storing bio-methanated spent wash.
9. The unit has provided sufficient area for composting as per protocol. However, the unit has not installed web camera at compost yard.
10. The unit has installed online emission monitoring system for parameter PM in the stack provided for 7 TPH boiler

NOW, THEREFORE, in view of the events, as described above and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment (Protection) Act, 1986, the distillery unit is hereby directed to **"close down all its manufacturing operations and not to restart manufacturing"** till it complies with the following directions and obtains permission from CPCB;

1. The unit should immediately discontinue discharge of effluent, Spent lees mixed with boiler blow down, not conforming to prescribed norms, for irrigation purposes.
2. The unit shall provide required treatment systems for the mix spent lees, boiler down and cooling tower blow down effluent utilised for irrigation, so as to meet the notified standards/prescribed norms in the consent to operate.
3. The unit shall either install online analysers for parameters pH, TSS, BOD, COD and flow at the discharge point of spent lees, cooling tower bleed & boiler blow down or shall discontinue this discharge and suitably route the mix spent lees, boiler down and cooling tower blow down to existing ETP, such as to the outlet of bio digester for further aerobic treatment and to send for composting and One Time Controlled Land Application (OTCLA).
4. The unit shall provide flow meters for the utilization of spent wash in composting & OTCLA and provide web camera at compost yard area as per requirement.
5. The unit shall carry out the adequacy assessment study of effluent management systems through a reputed organization and shall submit the adequacy assessment report along with compliance report to the recommendations, to CPCB.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit, in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.


(S. P. Singh Parihar)
CHAIRMAN

Copy to:

1. The Chairman
Karnataka State Pollution Control Board,
"Parisara Bhavan"
4th & 5th Floors, # 49, Church Street,
Bangalore-560 001. :For information & ensuring
compliance of directions please
2. The Advisor (CP Division)
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran
Bhawan,
Jorbagh Road, New Delhi - 110 003 : For information please
3. The Regional Director,
CPCB Regional Directorate
Nisarga Bhawan, 1st & 2nd Floor,
Jhimmaiah Road, 7th D-cross
Shivanagar, Opp. Pushpanjali Theatre
Bangalore - 560 010 :For follow up and ensuring
compliance.
4. The District Magistrate,
Bidar District ,
Karnataka :For information and ensuring
compliance of the direction
please.
5. The Superintending Engineer
Gulbarga Electricity Supply
Company Ltd.,
Station Road, Kalaburagi,
Gulbarga, Karnataka : With request to disconnect the
power supply to the industrial
operations of unit, pl
6. The Div. Head, I.P.C-III, CPCB
7. The Div. Head, IT Division, CPCB



(A. Sudhakar)

MEMBER SECRETARY

- (iii) assess implementation mechanism of HOWM Rules, being followed within SPCB/PCC and take necessary action with the objective of ensuring that hazardous waste management in the states is in compliance with provisions laid down under the said Rules;
- (iv) conduct workshops for hazardous waste generating units so as to sensitize them about obligations/requirements under the HOWM Rules. Awareness campaign may also be done through newspaper notices;
- (v) explore utilization of incinerable and landfillable hazardous wastes in Cement Plant or other utilization in a time targeted manner following the hierarchy of waste management or sharing common TSDFs of other States/UTs, and;
- (vi) co-ordinate with the State Government / UT Administration for setting up of common HW TSDFs or sharing common TSDFs of other States/UTs for disposal of non-recyclable and non-utilizable hazardous waste generated within the State/UT.


Receipt of these directions be acknowledged immediately and action taken report in this regard be submitted within 30 days from the date of issuance of this direction.

(S.P. Singh Parihar)
Chairman

Copy to:

- 1) The Joint Secretary, HSM Division, Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi -110 003.- *For kind information, please.*
- 2) The Secretary, Department of Science, Technology & Environment, 1st Floor, Pandit Deendayal Upadhyay Bhavan, Behind Pundalik Devsthan, Near Sanjay School, Porvorim, Bardez-Goa - 403521- *For kind information and necessary action, please.*
- 3) The Regional Director, Central Pollution Control Board, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara-390 023 - *For necessary follow-up with SPCBs/PCCs under their respective jurisdiction, please.*

4) I/c IT Division, CPCB, Delhi .


(A.Sudhakar)
Member Secretary

