

By Speed Post

F.NO. B-23012/1/IPC-III / 2461

June 11, 2018

To

M/s Rayana Paper & Board Industries Ltd.
(Unit-1), Village-Dhauraha, PO-Deegha, Khalilabad,
Dist-Sant Kabir Nagar, UP

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, Forest, & Climate Change, 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 other standards and norms; and

WHEREAS, M/s Rayana Paper & Board Industries Ltd., (Unit-1), (*hereafter referred to as 'the Unit'*) Village-Dhaurahara, PO-Deegha, Khalilabad, Dist-Sant Kabir Nagar, UP having consented capacity of 50 TPD is engaged in manufacturing of Kraft paper using agro residue (*bagaase+wheat straw*) & waste paper as raw material; and

WHEREAS, the Unit was inspected by a team of officials from CPCB on 24.04.2018 to verify the compliance status under OCEMS surveillance (offline status) and following observations were made:

1. The Unit-1 is manufacturing Kraft paper with consented capacity of 50 TPD using agro residue (*bagaase+wheat straw*) & wastepaper as raw material. During inspection, the Unit and its ETP were operational.
2. The Unit has 5 digesters & 02 were operational during the visit and has installed CRP for black liquor treatment. During the visit, CRP was not operational, however black liquor was being generated. The possibility of black liquor discharge could not be ruled out in case CRP is not operational.
3. The Unit has valid consent under Water & Air Act upto 31.12.2018 and HW Authorization is expired on 06.05.2017.
4. The water consumption of the unit is 12.35 KL/MT of paper.
5. The final ETP treated effluent result showed pH-7.69, TSS-71.7 mg/l, BOD-102 mg/l; COD-238 mg/l; TDS-4268 mg/l and MLSS-7690 mg/l & MLVSS-3296 mg/l; which indicates non-compliance w.r.t BOD prescribed norms for discharge into inland surface water (*norms-30 mg/l*) & on land application (*norms-100 mg/l*). As per the Consent condition, the treated effluent shall be used for plantation & irrigation purpose.
6. ETP operation was not found satisfactory, Many dead pockets were observed in aeration tank and floating sludge was observed in aeration tank and secondary clarifier.
7. The launder of primary and secondary clarifier was not properly levelled.
8. During the visit the treated effluent was being used in process and no discharge of effluent outside was found.
9. The drain passing adjacent to the unit was found dry during visit. The drain onwards meets Ami River after traversing 1 Km.

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10. The Unit has RCC tank of 400 m³ and as informed by unit representative the tank is used to store the treated effluent for use in process. The sample analysis of effluent stored in RCC tank showed pH-7.71, TSS-4.69 mg/l, BOD-325 mg/l; COD-546 mg/l, TDS-4286 mg/l and SAR-8.70.
11. UPPCB closed the unit on 25.05.2017 and unit resumed its production on 27.11.2017 after revocation of closure order issued by UPPCB as informed by the unit. Thereafter the unit recycled treated effluent within the process and has switch off the OCEMS and only after receiving CPCB mail the OCEMS was made operational on 05.04.2018.

It is evident that the Unit is non-complying with the norms prescribed under E(P)Rules. The operation of ETP is not satisfactory and many dead pockets and floating sludge was observed in aeration tank. As per the consent, the treated effluent shall not be discharge into any river/drain/stream and shall be used for plantation & irrigation purpose. The treated effluent stored in RCC tank is not fit for irrigation/plantation and non-complying with standard prescribed under E(P)Rules. The Unit is not a ZLD plant as per the UPPCBs consent to operate dt. 19.11.2017 and needs to comply with the prescribed standards. The Unit is operating digesters & generating black liquor, however CRP is not operational and posing a serious threat to the environment.

NOW, THEREFORE, in view of the above and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, notice is served herewith to show cause why M/s Rayana Paper & Board Industries Ltd., (Unit-1), Khalilabad, UP should not be closed down and the unit-1 is hereby directed to comply with the following directions and submit the compliance status to CPCB within 30 days:

1. The Unit shall close down manufacturing of chemical pulp using agro residue as raw material with immediate effect and shall not operate digesters.
2. The Unit shall submit proper irrigation management plan for the disposal of treated effluent as per the consent to operate.
3. The Unit shall properly operate effluent treatment plant (ETP) and shall ensure that the treated effluent meets the prescribed effluent standards.
4. The Unit shall obtain Authorisation under Hazardous & other Waste Rules, 2016.
5. The Unit shall seek permission from CPCB for resumption of chemical pulping using agro residue as raw material.

The Unit shall report to CPCB regarding closure of agro based production immediately on receipt of this direction and **you are hereby given an opportunity to file your objections (if any) to the above proposed notice for closure of unit-1 within 15 days from the receipt of this notice**, failing which it will be presumed that you have nothing to say and appropriate action, in accordance with the provisions of the Environment (Protection) Act, 1986, will be taken against the Unit without giving any further notice.


(S.P. SINGH PARIHAR)
CHAIRMAN

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Copy to:

1. **The Member Secretary** : [To ensure closure of agro based production by the unit]
Uttar Pradesh Pollution Control Board,
Building No-TC- 12 V, Vibhuti Khand,
Gomati Nagar, Lucknow-226010
2. **The Advisor** (CP Division) : [For kind information]
Ministry of Environment, Forest & Climate Change,
"Indra Paryavaran Bhavan", Jor Bagh Road,
New Delhi - 110 003
3. **The Regional Director,** : [For kind information]
Central Pollution Control Board,
PICUP Bhawan, Ground Floor, Vibhuti Khand,
Gomati Nagar, Lucknow-226010, UP
4. The In-charge, IT Division, CPCB, Delhi : [To upload the direction at CPCB website]
5. The Master file(Pulp & Paper), PCI-III Division :



(A. SUDHAKAR)
MEMBER SECRETARY