

Rajasthan State Pollution Control Board

File Number: F12(83)RSPCB/IEC/V-1/2023-00348 / 1560-1585

Jaipur, Date: 17-08-2023

ORDER

In compliance of Hon'ble NGT order dated 19.09.2019 in the matter of OA 400/2019, CPCB issued directions dated 04.12.2019 & 30.12.2019 under section 5 of Environment (Protection) Act, 1986 to concerned SPCBs/PCCs for closure of non-complying pyrolysis units, for strict vigilance & monitoring of complying industries, for regulating import of polluting hazardous waste material, for regulating location of tyre pyrolysis units in light of carrying capacity of the area and also safeguarding health of workers involved.

Further, Hon'ble NGT vide its order dated 06.01.2020, directed CPCB to carry out studies with the involvement of NEERI and IIT, Delhi and based on the outcome of the study to enable decision whether existing batch or advance batch automated or only continuous units be allowed.

The study report was submitted by CPCB before Hon'ble NGT on 23.10.2021 which observed that the advance batch tyre pyrolysis process and continuous tyre pyrolysis process had demonstrated compliance with regard to work zone limits and no significant impact on ambient air quality. The study further observed that existing batch tyre pyrolysis units need additional features to overcome environmental concerns.

In compliance to Hon'ble NGT order dated on 25.10.2021, wherein CPCB was directed to revise SOP and prepare guidelines for both existing batch and continuous tyre pyrolysis plant and its process. Revised SOP accordingly aligned with the Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2022 notified on 21.07.2022 by CPCB in consultation with NEERI & IIT-Delhi was placed on the web site of CPCB and also circulated among stakeholder for seeking suggestions/comments by 31.10.2022.

Further, report dated 05.11.2022 had been filed by CPCB in Hon'ble NGT compiling the status based on information furnished by the State PCBs along with finalized version of the SOP.

Hon'ble NGT vide its order dated 07.11.2022 has disposed the application OA No. 400/2019 with the following directions that:

"8. It is seen that action has been taken against number of non-complaint units but there still remains gap in the units which are non-compliant and units against whom action has been taken to close them till compliance. Such gaps need to be bridged at the earliest in the interest of rule of law and environmental good governance. Tyre Pyrolysis Oil Units (TPOs) need to follow 'Zero Liquid' and 'Zero Emission' norms. Further, carbon produced during the process needs to be utilized in cement industries. Carbon material should not be simply transported to landfills.

9. Accordingly, we direct that non-compliant units be closed till compliance expeditiously. CPCB may finalize the classification of the units so that application norms can be enforced. Revised SOP may be finalized by the CPCB and MoEF&CC in light of discussion in today's hearing and above observations within one month. SOP may also provide for certifying the fuel quality standards of pyro-oil as per norms of the Petroleum Ministry."

The use of vehicles and corresponding generation of tyre waste in the State is increasing exponentially with time. EPR regime with respect to tyre waste may work properly only when capacity of tyre waste is increased.

Signature valid

Digitally signed by N. V. Jai
Designation: Secretary
Date: 2023.08.17 20:01:56 IST
Reason: Approved



RSPCB has not allowed setting up of any new tyre pyrolysis units in the State since 2012. This is creating road block in proper treatment of tyre waste in the State.

Matter has been re-examined and it has now been decided that

1. Henceforth, Consent to Establish / Operate and Authorization shall be granted only to Continuous type Tyre Pyrolysis units and not those on Batch Process.
2. Renewal of Consent to Operate and Authorization of Tyre Pyrolysis units on Batch process would be allowed on the condition that unit would be converted to continuous process by 31.12.2025
3. Setting up new Tyre Pyrolysis units on continuous process /conversion of existing units on batch process would further be allowed keeping in view the following:
 - a. Such units would be allowed only within the designated industrial zones/areas.
 - b. Such units would not be allowed in Critically and Severely Polluted Areas, Non Attainment Cities (Alwar, Kota, Jaipur, Jodhpur and Udaipur) and NCR sub-region of the State.
 - c. For new continuous Tyre Pyrolysis unit, the minimum plot area should be 7000 square meter irrespective of number reactors
 - d. Minimum aerial distance of 500 meter shall be ensured between two Tyre Pyrolysis units.
 - e. Operation of Tyre Pyrolysis Units would be restricted during the period between November to February for the units located in NCR sub-region of Rajasthan owing to poor dispersion and inversion conditions.
 - f. A green belt with minimum two rows of trees with sufficient foliage would need to be established. Open paved road/space of 5.0-meter-wide to be left after the green belt to facilitate movement of the fire-tenders all around the plant. No material would be allowed to be stored in this paved road/open space.
 - g. The State Board, from time to time, may carry out studies and restrict concentration of such units in any particular area

Concerned Group In-charges and Regional Officers of the State Board must ensure compliance of the above conditions while processing of consent/ authorization applications related to Tyre Pyrolysis units in the State.

(Vijai N.)

Member Secretary

F-12(IEC-83) RSPCB/Project /1560-1565

Date:

Dated -17/8/23

Copy forwarded to the following for information and necessary action.

1. P.S. to Chairperson, RSPCB, Jaipur.
2. Sr.PA to Member Secretary, RSPCB, Jaipur.
3. Member Secretary, CPCB, Delhi.
4. CEE/CSO/CAO, RSPCB, Jaipur.
5. Group In-Charge, CD, PDF/ CPP / Hazardous Waste Cell / Liquid Waste/ E-waste Cell/ Textile/Mines & SCMG-DS / OGM & Estt /HBC/ Training, Project & IEC/ Planning & Legal / BMW/ Plastic Waste/ MUID/ Solid Waste/ PCV, Complaints, Grievances, VIP & EC Compliance, RTI RSPCB, Jaipur
6. The Regional Officer, Regional Office, RSPCB, 2 Alwar/ Balotra/ Bharatpur/ Bhiwani/ Ahilwara/ Bikaner/ Chittorgarh/ Jaipur (South)/ Jaipur (North)/ Jodhpur/ Kisanganj/ Kota/ Merta/ Jaipur/ Udaipur/Bundi/ Hanumangarh/Jaisalmer/ Sirohi /Jhalawar/Sawai Madhopur/ Jhunjhunnur

Signature valid

Digitally signed by N. Vijai

Designation: Member Secretary

Date: 2023.08.17 20:50:50 +05'30'

Reason: Approved

