



TELANGANA STATE POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate, Sanathnagar, Hyderabad-500 018

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BY REGD. POST WITH ACK. DUE

Order No. MDK-13/TSPCB/UH-V/TF/2016- 2121

Dt: 09.01.2020

Sub : TSPCB - M/s. Deepam industries, Plot Nos. 13/1 & 13/2, Phase-I, IDA Pashamailaram (V), Patancheru (M), Sangareddy District - Water (Prevention and Control of Pollution) Amendment Act, 1988 - Air (Prevention and control of Pollution) Amendment Act, 1987 - Non-compliance of SOP conditions issued by MoEF&CC, GoI and consent conditions - **CLOSURE ORDER - ORDERS ISSUED** - Reg.

- Ref :**
1. Closure Order No.MDK-13/TSPCB/U-II/TF/2015-914, dt:05.08.2015.
 2. Temporary Revocation of Closure Order No.MDK-13/TSPCB/U-II/TF/2015-1477, dt:19.10.2015.
 3. Extension of Temporary Revocation of Closure Order No.MDK-13/TSPCB/U-II/TF/2015-2040, dt: 08.12.2015.
 4. Extension of Temporary Revocation of Closure Order No.MDK-13/TSPCB/U-V/2016-328, dt: 04.05.2016.
 5. Extension of Temporary Revocation of Closure Order No.MDK-13/TSPCB/UH-V/2016-437, dt:29.04.2017.
 6. CFO & HWA Order dated 05.02.2018 valid up to 31.12.2022.
 7. Amendment to CFO&HWA vide order dt.20.02.2018.
 8. Telangana Renewal Green Energy Welfare Association vide letter dated:26.04.2018.
 9. Order No:GEN-202/TSPCB/ZO/RCP/CFO/2018-798, Dt:16.05.2018.
 10. Hon'ble NGT order dt.09.05.2018, 18.05.2018 & 29.05.2018.
 11. Order No.MDK-13/TSPCB/UH-II/2016-951, dt:29.05.2018.
 12. Hon'ble NGT, New Delhi order dt.16.07.2018 w.r.t. application No.224 to 228 of 2018 (5Nos), 256 to 275 of 2018 (17 Nos) and 285 to 298 (14 Nos) of tyre pyrolysis units.
 13. Hon'ble NGT, New Delhi order dt.14.08.2018 w.r.t Original Application Nos. 224 to 228 of 2018 (5 Nos.); 259 to 275 of 2018 (17 Nos.); 285 to 298 of 2018 (14 Nos.) and 383 of 2018 of tyre pyrolysis units.
 14. Hon'ble NGT, New Delhi order dt.23.10.2018 in OA No.723 of 2018.
 15. Industry's representation dated:19.12.2018.
 16. CPCB, New Delhi letter dated:28.05.2019 forwarding the Hon'ble NGT Order dt:25.04.2019 in OA No.400 of 2019.
 17. Extension of the Temporary Revocation of Closure Order No.MDK-13/TSPCB/UH-II/2016-881, Dt:08.07.2019.
 18. Inspection of the industry by the Board Officials on 22.11.2019.
 19. CPCB Lr.No.B29016/1(NGT)/19/WM-III Division, dt.04.12.2019 issued by directions U/s 5 of E(P) Act, 1986.

1. **WHEREAS**, you are operating the industry located at Plot Nos. 13/1 & 13/2, Phase-I, IDA Pashamailaram (V), Patancheru (M), Sangareddy District.
2. **WHEREAS**, vide reference 1st cited, the Board has issued closure orders to your industry on 05.08.2015 for non-compliance of Board directions.
3. **WHEREAS**, vide reference 2nd cited, the Board issued temporary revocation of closure order to your industry for a period of one month i.e. upto 18.11.2015 and further extended from time to time vide reference 3rd, 4th & 5th cited, lastly on 29.04.2017 for a period upto 31.12.2017, with certain directions to comply with.
4. **WHEREAS**, vide reference 6th cited, the Board issued CFO&HWA renewal to the industry vide order dated:05.02.2018 for a period upto 31.12.2022.
5. **WHEREAS**, vide reference 7th cited, the Board issued amendment to CFO&HWA to your industry on 20.02.2018 to implement the SOPs stipulated by MoEF&CC.
6. **WHEREAS**, vide reference 8th cited, the Telangana Renewal Green Energy Welfare Association, Venkateshwara Nagar, Chintal Circle, Rangareddy District vide their letter

dated:26.04.2018 submitted a representation for deferment of the compliance of the Amendment of CFO Orders in respect of implementation of SOPs for Tyre Pyrolysis Units as the matter is Sub Judge before the Honorable National Green Tribunal, Principal Bench, New Delhi in O.A No.723 of 2017.

7. **WHEREAS**, vide reference 9th cited, the Zonal Office, RC Puram issued directions vide dt.16.05.2018 to your industry to implement the SOPs stipulated by MoEF&CC by 25.05.2018.
8. **WHEREAS**, vide reference 10th cited, 36 Pyrolysis industries including this industry have filed OAs before the Hon'ble NGT, New Delhi in three batches against the CFO&HWA Amendment Orders issued by the Board for implementation of the SOPs.
9. **WHEREAS**, The Hon'ble NGT passed interim orders on 09.05.2018, stating the following and posted the batch of cases for hearing on 29.05.2018:

"... there shall be interim order of stay to the direction issued by the Telangana Pollution Control Board subject to further orders that may be passed at the same time we direct the Industry to take all required steps as may be necessary for compliance subject to further order that may be passed in Original Application No. 723 of 2018..."

10. **WHEREAS**, vide reference 11th cited, the Board issued Extension of temporary revocation of closure order to your industry for a period upto 31.12.2018.
11. **WHEREAS**, vide reference 12th cited, the batch applications filed by the Tyre Pyrolysis Oil (TPOs) before the Hon'ble NGT, New Delhi have come up for hearing on 16.07.2018 and the Hon'ble NGT vide orders dt.16.07.20018 listed these matters on 14th August, 2018" for further hearing.
12. **WHEREAS**, vide reference 13th cited, the Hon'ble NGT, New Delhi has disposed all the batch cases vide Order dated 14.08.2018 with following order:

*"In view of the above, as the impugned order dated 20th February, 2018 is consequential to the order passed by MoEF & CC is nor the subject matter of this Application and a separate proceeding are being contemplated by the Applicant against the basic order passed by MoEF. **We do not find any just reason to interfere in the order under challenge.***

Consequently, all the above Original Applications stand disposed of, without any order as to cost".

13. **WHEREAS**, vide reference 14th cited, the Hon'ble NGT, New Delhi vide order dated 23.10.2018 has disposed O.A. No. 723 of 2017 with the following order:

"This original application has been filed by the applicant with the following prayers:-

1. *Direct the Respondent Authorities to take appropriate legal action against all illegal Tyre Pyrolysis Oil Plants (TPOs) being operating without prior environment clearance, consents to operate under Water & Air Pollution Acts, industrial Registration Certificates, Factory Act License, Explosive License & GST Registration Certificates and also continuing operation in total violation of Guidelines/Standards Operating Procedures (SOPs) issued by Ministry of Environment & Forest & Climate Change, Govt. of India vide Office Memorandum F. No. 23- 61/2015-HSMD dated 24th November, 2015.*
2. *Direct the Respondent Authorities to immediately take necessary action for immediate closure of such Tyre Pyrolysis Oil Units those who are running without proper registration certificate, consents to operate under Air & Water Act and are also not holding other statutory license/permission/Registration Certificate.*

At the outset, it is to be noted that the applicant wishes that appropriate legal action be taken against all the persons/units indulging in illegal Tyre Pyrolysis Oil Units being operated without seeking prior EC/Consent from the respective authorities. Further it has been prayed that respondent authorities be directed to take immediate necessary action for closure of such units.

It would suffice to say that this is a case which is not maintainable in face of the fact that parties against which the aforesaid reliefs have been sought have not been arrayed as party respondent in this application. In absence of impleadment of necessary parties the application itself is not maintainable. Even otherwise, it will

not be appropriate for the Tribunal to proceed in this matter where the parties against whom reliefs have been sought have not been made respondents.

Besides it may be noted that it is revealed from the records that States have already taken action against such units.

Consequently, the original application no. 723 of 2017 is dismissed on account of non-joinder of the parties. There shall be no order as to cost".

14. **WHEREAS**, vide reference 15th cited, the industry submitted a representation to the Board requesting for revocation of closure order.

15. **WHEREAS**, vide reference 16th cited, the CPCB, New Delhi submitted letter dated:28.05.2019 along with the orders of Hon'ble NGT, New Delhi w.r.t OA No.400/2019 Filed by Social Action for Forest & Environment (SAFE) Vs Union of India & Others stating that the Applicant approached the Hon'ble NGT, praying to Ban the Pyrolysis Industries using Scraped Tyres and producing inferior Quality of Pyrolysis Oil, Gas, Char & Solid Residue which are causing environmental damage and also emit highly carcinogenic / cancer causing pollutants.

The Hon'ble NGT, New Delhi while admitting the Application, vide order dated 25.04.2019 directed the CPCB to submit comprehensive status report of compliance of Rules on the subject and remedial measures required, within Three Months.

Accordingly, the CPCB vide letter dated:28.05.2019 requested the TSPCB to submit comprehensive reports duly including following information of all the Pyrolysis industries operating the state on or before 30.06.2019.

1. *Details of Pyrolysis industries using waste tyres / end of life tyres (ELTs) in the State including their consented capacity and validity of consent.*
2. *Status of compliance of Tyre Pyrolysis Industries using waste tyres /ELTs in your state with respect to the consent conditions and also with respect to the Standard operating Procedure (SOP) issued by the MoEF&CC along with remedial measures to be taken for compliance.*
3. *Details of Comprehensive performance assessment study of pyrolysis Industries if carried out by TSPCB.*

16. **WHEREAS**, the industry was reviewed in the Task Force Committee meeting held on 28.06.2019 and as per the recommendations of the Committee, the Board vide reference 17th cited, issued Extension of Temporary Revocation of Closure Order for period of Three Months to your industry on 08.07.2019 with certain directions to comply with.

17. **WHEREAS**, vide reference 18th cited, the RO, Sangareddy Officials inspected the industry on 22.11.2019 observed following non-compliances:

SL No	Standard Operating Procedures (SOPs)	Industry's Compliance
1.	The feed to the pyrolysis reactor should be devoid of steel. This means that crumb rubber only should be fed to the reactor. Further the feeding arrangement of the rubber crumb to the reactor should be mechanized.	Not complied.
2.	Adequate instrumentation for measurement and control of temperature and pressure along with safety interlocks in case of increase of temperature or pressure to cut off heating of the reactor should be provided. Automatic control systems such as Programmed Logic Control (PLC) shall be adopted. It should be ensured that the reactor is under positive pressure all the time.	Not provided.
3.	At the end of the pyrolysis process the reactor has to be cooled before the removal of carbon. During this process, the reactor should be purged with nitrogen.	The industry representative informed that cooling of the reactor is done naturally without purging nitrogen.
4.	Adequate number of sensors along with alarm system should be provided at suitable locations throughout the plant to detect any leakage of flammable vapors from the system.	Not provided.
5.	Adequate fire-fighting system like sprinklers and fire hydrant, with necessary pumping system and water storage should be provided	Not provided.

Sl. No.	Conditions Stipulated in Schedule-B of CFO order dated:05.02.2018	Industry's Compliance
1.	The industry shall not cause any spillages / discharges of chemicals/ effluents on ground. The drums containing chemicals & wastes shall be stored on elevated platform provided with leachate/spillages collection pit. In no case the drums shall be stored on naked ground.	During inspection, spillages were observed near pyro-water tank.
2.	There shall not be any smell emitting from the unit. The vents of Oil (product) storage tank may be sealed by means of pipes etc., in alkali medium, container to prevent any escape of odourous compounds.	Characteristic smell was observed near oil storage tanks.
3.	The industry shall provide closed shed for storage of ash generated from the reactor within a month. The ash generated shall be collected properly and stored in closed shed to prevent fugitive dust emissions and disposed in an environment friendly practice.	Not provided.
4.	The product i.e., furnace oil shall be stored in the closed shed with dyke walls and leakage collection pit.	The industry provided dyke walls with collection pit. But not provided closed shed.
5.	The carbon black generated shall be collected properly directly into bags without causing any spillages and fugitive emissions. The industry shall not store the carbon black openly and shall take all preventive measures to avoid its spillages in the industry premises.	The industry collecting carbon black in jumbo bags by using Y chute. The industry has not provided shed for storage of carbon black.

18. **WHEREAS**, vide reference 19th cited, the Central Pollution Control Board issued directions Under Section 5 of E(P) Act, 1986 to the Chairman, TSPCB to close all such pyrolysis units which are not complying as on date with Consent conditions and SOPs of MoEF&CC, GoI.
19. **WHEREAS**, subsequently CPCB held a Video Conference with all the State PCBs in the Country on 19.12.2019 and during the Video Conference all the State PCBs were instructed to take action against non complying Pyrolysis units as directed by CPCB in their earlier letter dated: 04.12.2019 with reference to the Hon'ble NGT Orders in OA No.400 of 2019.
20. **WHEREAS**, the Board observed that you are not complying with the SOP condition of providing feeding arrangement without removing the steel wires and further, the feeding arrangement of the crumb rubber to the reactor is of manual type, providing adequate instrumentation for measurement and control of temperature and pressure, reactor should be purged nitrogen for cooling, providing adequate number of sensors to detect any leakage of flammable vapors from the system and providing adequate fire-fighting system like sprinklers and fire hydrant, with necessary pumping system and water storage. The Board also observed spillages near pyro water tank, characteristics smell near oil storage tanks, not provided closed shed for oil tanks, not provided shed for storage of carbon black and ash generated from the reactor.
21. In view of the above and after careful consideration of the material facts of the case, the Board is of the firm opinion that the industry is not complying with the SOP conditions issued by MoEF&CC and consent conditions inspite of several opportunities. In view of likelihood of further grave injury to the environment, public health if the industry continues to operate, the Board decided to dispense with opportunity of hearing and issue closure orders to the industry. Under the Powers vested with the T.S. Pollution Control Board under section 33 (A) of the Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31(A) of the Air (Prevention and Control of Pollution) Amendment Act, 1987 for the reasons stated above, the **Board hereby issues closure orders to your industry** in the interest of protecting public health and environment. You are also hereby directed to stop all industrial activities with immediate effect from the date of this order.
22. You are directed to take note that if you continue to operate your industry even after receipt of these orders, you will be liable for prosecution in the court of Metropolitan Magistrate or Judicial Magistrate of the first class under section 41(2) of Water (Prevention and Control of Pollution) and Amendment Act, 1988 and under section 37 (1) of Air (Prevention and Control of Pollution) Amendment Act, 1987 the punishment for which includes imprisonment for a term which shall not be less than one year six months which may be extended to six years and with fine.

23. You are further directed to take note that the TSSPDCL, has been ordered to disconnect Power Supply to your industry with immediate effect. Should you resort to run your industry by means of diesel generator or any mechanical device, you will be attracting prosecution under section 41(2) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 37 (1) of Air (Prevention and Control of Pollution) Amendment Act, 1987.


Sd/-
MEMBER SECRETARY

To
M/s. Deepam industries,
Plot Nos. 13/1 & 13/2, Phase-I,
IDA Pashamailaram (V), Patancheru (M),
Sangareddy District.

Copy to:

1. The Managing Director, Telangana State Southern Power Distribution Company Ltd., Mint compound, Near Secretariat, Hyderabad for information and necessary action.
2. The District Magistrate & Collector, Sangareddy for kind information.
3. The Superintending Engineer (Operations), Telangana State Southern Power Distribution Company Ltd., Sangareddy District for information and necessary action.
4. The JCEE., Z.O., R.C.Puram for information and necessary action.
5. The Environmental Engineer, Regional Office, Sangareddy for information and necessary action. **He is directed to inspect the industry and report compliance within 24 hrs. The E.E is also directed to record the meter reading of T.S. Trans Co. power supply at the time of power disconnection.**
6. Concerned file.

//T.C.F.B.O//


Senior Environmental Engineer (FAC)
(UH-V)

Received


13/1/2020



TELANGANA STATE POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate, Sanathnagar,
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Phones : 040-23887500 Fax: 040 – 23887519

BY REGD. POST WITH ACK. DUE

Order No. MDK-13/TSPCB/UH-V/TF/2016- 2122

Dt: 09.01.2020

Sub : TSPCB – M/s. Deepam industries, Plot Nos. 13/1 & 13/2, Phase-I, IDA Pashamailaram (V), Patancheru (M), Sangareddy District – Water (Prevention and Control of Pollution) Amendment Act, 1988 and Air (Prevention and Control of Pollution) Amendment Act, 1987 – **Disconnection of Power Supply – Orders Issued** – Reg.

Ref : Order No: MDK-13/TSPCB/UH-V/TF/2016, dt: 09.01.2020.

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The Telangana State Pollution Control Board reference cited above issued Closure Orders to **M/s. Deepam industries, Plot Nos. 13/1 & 13/2, Phase-I, IDA Pashamailaram (V), Patancheru (M), Sangareddy District** for Non-compliance of SOP conditions issued by MoEF&CC, GoI and consent conditions, under section 33(A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under section 31 (A) of Air (Prevention and control of Pollution) Amendment Act, 1987 and under Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016. A copy of the closure order is herewith enclosed.

In view of the above, under the powers vested under Section 33 (A) of the Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Section 31 (A) of the Air (Prevention and Control of Pollution) Amendment Act, 1987, the Telangana State Southern Power Distribution Company Ltd., is hereby directed **to disconnect the power supply** to **M/s. Deepam industries, Plot Nos. 13/1 & 13/2, Phase-I, IDA Pashamailaram (V), Patancheru (M), Sangareddy District.**

You are requested to carry out the orders of the Board and report compliance within 48 hours.

Sd/-
MEMBER SECRETARY

To

**The Superintending Engineer (Operations),
Telangana State Southern Power Distribution Company Ltd.,
Sangareddy District.**

Copy to :

1. The Managing Chairman & Director, Telangana State Southern Power Distribution Company, Near Secretariat, Hyderabad for information and necessary action.
2. The JCEE, Z.O, R.C.Puram for information and necessary action.
3. The E.E., TSPCB, Regional Office, Sangareddy with a direction to follow up for implementation of the orders.
4. Concerned file.

//T.C.F.B.O//

**Senior Environmental Engineer (FAC)
(UH-V)**

Received

13/1/2020

