

# TELANGANA STATE POLLUTION CONTROL BOARD

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

Phones : 040-23887500 Fax: 040 - 23887519

**BY REGD. POST WITH ACK. DUE**

**Order No. MDK-237/TSPCB/UH-V/TF/2015 - 2077**

**Dt:09.01.2020**

**Sub :** TSPCB - M/s Aadithya Pyro Oils Tech Pvt. Ltd., Shankarampet-R (Village & Mandal), Medak 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. CFO&HWA order dt.27.06.2016.
2. Amendment to CFO&HWA vide order dt.20.02.2018.
3. Order No.GEN-202/TSPCB/ZO/RCP/CFO/2018-798, dt.16.05.2018.
4. CPCB, New Delhi letter dated 28.05.2019 forwarding the Hon'ble NGT Order dt.25.04.2019 in OA No.400 of 2019.
5. Directions Order No.MDK-237/TSPCB/U-II/2015-, dt.08.07.2019.
6. 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.
7. Inspection of the industry by the Board Officials on 09.12.2019.

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1. **WHEREAS**, you are operating the industry located at Shankarampet - R (Village & Mandal), Medak District and engaged in manufacturing of tyre pyrolysis.
2. **WHEREAS**, vide reference 1<sup>st</sup> cited, the industry has obtained CFO vide order dt 27.06.2016 which was expired on 31.03.2018. The industry has applied for renewal of the CFO on 14.05.2018 which was subsequently rejected on 24.05.2018 for non-compliance of SOPs.
3. **WHEREAS**, vide reference 2<sup>nd</sup> cited, the Board issued amendment to CFO&HWA to your industry on 20.02.2018 to implement the SOPs stipulated by MoEF&CC.
4. **WHEREAS**, vide reference 3<sup>rd</sup> cited, the Zonal Office, RC Puram issued directions vide dt.16.05.2018 to your industry for implementation of SOPs by 25.05.2018.
5. **WHEREAS**, vide reference 4<sup>th</sup> 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 statting 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.*

6. **WHEREAS**, the industry was reviewed in the Task Force Committee, during the meeting held on 28.06.2019 and as per the recommendations of the Committee, the Board vide reference 5<sup>th</sup> cited issued directions to the industry on 08.07.2019 to comply within 2 Months.
7. **WHEREAS**, vide reference 6<sup>th</sup> 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.
8. **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.
9. **WHEREAS**, vide reference 7<sup>th</sup> cited, the RO, Board Officials inspected the industry on 09.12.2019 and 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.	The industry is feeding the tyres manually. The industry has not provided facility to separate steel from the tyres before feeding into the reactor.
2.	The initial heating of the reactor should be done by liquid fuel or gas. The flue gas should be released to the environment through a chimney of at least 30 meters height.	The industry is using firewood for initial heating. The industry has provided chimney of height 15 mtrs.
3.	Excess pyro gas if any should be flared through properly designed flaring system of adequate capacity considering the emergency situation in which the entire gas may have to be flared. The flaring should be done at a minimum height of 30 metre.	The industry has provided on ground flaring facility.
4.	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.	The industry has provided gauges for measurement of temperature and pressure but not provided PLC system.
5.	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.	The industry has not provided sensors.

**Remarks:**

1. The industry has obtained CFO vide order dt 27.06.2016 which was expired on 31.03.2018. The industry has applied for renewal of the CFO on 14.05.2018 which was subsequently rejected on 24.05.2018 for non compliance of SOPs.
2. The industry is feeding the tyres manually and not provided facility to separate steel from the tyres before feeding into the reactor.
3. The industry has provided chimney of height 15 mtrs against the required height of 30 mtrs.
4. The industry has provided on ground flaring facility against the required 30 mtrs height flaring system.
5. The industry has provided gauges for measurement of temperature and pressure but not provided PLC system.
6. The industry has not provided sensors to detect any leakage of flammable vapors from the system.
7. The industry has provided pyro water utiliser to use waste water generated in the process. Hence not provided ETP and not sent any sludge to TSDF.
8. The industry has not provided water meters to assess the actual water consumption and waste water generation.
9. The industry has not provided separate energy meter to the scrubber.
10. The industry has provided 1x 20 KL above ground level MS Collection tank without dyke walls for storage of oils and provided closed pipelines for transfer of oil.

10. **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. The industry is using firewood for initial heating against liquid fuel or gas, the industry has provided on ground flaring facility against 30 meters height. The industry has provided gauges for measurement of temperature and pressure but not provided PLC system and not provided sensors to detect any leakage of flammable vapors from the system, not provided separate energy meter to the scrubber and dyke walls for storage of oils, not provided water meters.
11. 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.
12. 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.
13. 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

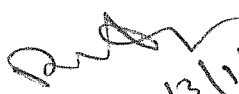
To  
M/s Aadithya Pyro – Oils Tech Pvt Ltd.,  
Shankarampet – R (Village & Mandal),  
Medak District.

**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, Medak for kind information.
3. The Superintending Engineer (Operations), Telangana State Southern Power Distribution Company Ltd., Medak 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, RC Puram 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  
  
13/12/2020





# TELANGANA STATE POLLUTION CONTROL BOARD

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

Phones : 040-23887500 Fax: 040 - 23887519

BY REGD. POST WITH ACK. DUE

Order No. MDK-237/TSPCB/UH-V/TF/2015 - 2078

Dt:09.01.2020

**Sub :** TSPCB - M/s Aadithya Pyro Oils Tech Pvt. Ltd., Shankarampet-R (Village & Mandal), Medak 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-237/TSPCB/TF/HO/2016, dt:09.01.2020.

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The Telangana State Pollution Control Board reference cited above issued Closure Orders to **M/s Aadithya Pyro Oils Tech Pvt. Ltd., Shankarampet-R (Village & Mandal), Medak 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 Aadithya Pyro Oils Tech Pvt. Ltd., Shankarampet-R (Village & Mandal), Medak 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.,  
Medak 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, RC Puram 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

