

BY REGD. POST WITH ACK. DUE

Order No.MDK-36/TSPCB/UH-V/TF/2016

2019

Date:09.01.2020

Sub: TSPCB - M/s. Narbada Polymers, Sy.No.623/A1, Kotyal Village, Mulugu 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 ORDERS** - Issued - Reg.

- Ref:**
1. Order No.MDK-36/TSPCB/TF-BO/2015-1192, dt.16.09.2015.
 2. Consent Order No.TSPCB/ZO/RCP/RCPM/447/W&A/2016-843, dt.31.03.2016.
 3. Order No.MDK-36/TSPCB/TF-BO/2015, dt.05.08.2016.
 4. CFO&HWA order dt.20.06.2017.
 5. Amendment to CFO&HWA vide order dt.20.02.2018.
 6. Telangana Renewal Green Energy Welfare Association vide letter dated 26.04.2018.
 7. Hon'ble NGT order dt.09.05.2018, 18.05.2018 & 29.05.2018.
 8. Order No.GEN-202/TSPCB/ZO/RCP/CFO/2018-798, dt.16.05.2018.
 9. 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.
 10. 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.
 11. Hon'ble NGT, New Delhi order dt.23.10.2018 in OA No.723 of 2018.
 12. CPCB, New Delhi letter dated 28.05.2019 forwarding the Hon'ble NGT Order dt.25.04.2019 in OA No.400 of 2019.
 13. Directions order No. MDK-36/TSPCB/UH-V/2016-, dt.08.07.2019.
 14. CPCB Lr.No.B29016/1(NGT)/19/WM-III Division, dt.04.12.2019 issued directions U/s 5 of E(P) Act, 1986.
 15. Inspection of the industry by the Board Officials on 09.12.2019.

1. **WHEREAS**, you are operating the industry located at Sy.No.623/A1, Kotyal Village, Mulugu Mandal, Medak District.
2. **WHEREAS**, the Board vide reference 1st cited, issued certain directions to your industry to comply with.
3. **WHEREAS**, vide reference 2nd cited, the Board issued Consent For Operation Order to your industry to manufacture Furnace Oil to the tune of 8.00 TPD, Carbon Black Powder (By Product) - 8.00 TPD and Steel Wire (By Product) - 2.41 TPD for a period upto 31.01.2017.
4. **WHEREAS**, vide reference 3rd cited, the Board issued directions to the industry for receiving complaint by the Board from the villagers of Kotyal Village, Mulugu Mandal, Medak District regarding air pollution and smell nuisance caused by the industry and requested to take action against the industry.
5. **WHEREAS**, vide reference 4th cited, the Board issued Consent For Operation Order to your industry to manufacture Furnace Oil to the tune of 8.00 TPD, Carbon Black Powder (By Product) - 8.00 TPD and Steel Wire (By Product) - 2.41 TPD for a period upto 31.01.2022.
6. **WHEREAS**, vide reference 5th cited, the Board issued amendment to CFO&HWA to your industry on 20.02.2018 to implement the SOPs stipulated by MoEF&CC.

ESPATCHED
ON: 13/1/2020

7. **WHEREAS**, vide reference 6th 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.
8. **WHEREAS**, vide reference 7th 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 8th cited, the Zonal Office, RC Puram issued directions vide dt.16.05.2018 to your industry for implementation of SOPs by 25.05.2018.
11. **WHEREAS**, vide reference 9th 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.16.07.2018 listed these matters on 14th August, 2018" for further hearing.
12. **WHEREAS**, vide reference 10th 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 11th 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 12th 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.

15. **WHEREAS**, your industry was reviewed in the Task Force Committee meeting held on 28.06.2019 and as per the recommendations of the Committee, vide reference 13th cited, the Board issued certain directions to the industry on 08.07.2019 to comply within 2 months.

16. **WHEREAS**, vide reference 14th 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.

17. **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.

18. **WHEREAS**, vide reference 15th cited, the 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 using hydraulic cranes. 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.	During inspection, the industry was not in operation. The industry representative informed that, they are using briquettes as initial fuel and later un-condensable gases are used as a fuel. The industry has provided chimney of height 12 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	The industry has provided gauges for measurement of temperature and pressure but not provided PLC.

	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.	
5.	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 they are using nitrogen for purging the reactor. However during the inspection, nitrogen cylinders were not present in the premises.
6.	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/alarms to detect any leakage of flammable vapors from the system.

Remarks:

1. During inspection, the industry was not in operation. The industry has not provided facility to separate steel from the tyres before feeding into the reactor.
2. The industry has provided chimney of height 12 mtrs against the required height of 30 mtrs.
3. The industry has provided on ground flaring facility against the required 30 mtrs height flaring system.
4. The industry has provided gauges for measurement of temperature and pressure but not provided PLC.
5. The industry representative informed that they are using nitrogen for purging the reactor. However during the inspection, nitrogen cylinders were not present in the premises.
6. The industry has not provided sensors/alarms to detect any leakage of flammable vapors from the system.
7. The industry has provided pyro water utilizer 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.

19. **WHEREAS**, the Board observed that you are not complying with the SOP condition of not providing facility to separate steel from the tyres before feeding into the reactor, not provided chimney of height 30 mtrs for the release of flue gas, not provided Automatic control systems such as Programmed Logic Control (PLC), nitrogen cylinders were not present in the premises, not provided sensors/alarms to detect any leakage of flammable vapors from the system, not provided water meters to assess the actual water consumption and waste water generation and not provided separate energy meter to the scrubber.

20. 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.

21. 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.

22.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. Narbada Polymers,
Sy.No.623/A1, Kotyal Village,
Mulugu 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. **The E.E is also directed to record the meter reading of T.S. Trans Co. power supply at the time of power disconnection. He is directed to inspect the industry and report compliance within 48 hrs.**
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,
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Phones : 040-23887500 Fax: 040 - 23887519

BY REGD. POST WITH ACK. DUE

Order No.MDK-36/TSPCB/UH-V/TF/2016 ~2090

Date:09.01.2020

Sub : TSPCB - M/s. Narbada Polymers, Sy.No.623/A1, Kotyal Village, Mulugu 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 - Orders Issued** - Reg.

Ref : Order No: MDK-36/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. Narbada Polymers, Sy.No.623/A1, Kotyal Village, Mulugu 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. Narbada Polymers, Sy.No.623/A1, Kotyal Village, Mulugu 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

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