



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-276/TSPCB/UH-V/HO/2020 - 122

Date:10.04.2020

Sub: TSPCB - M/s Tirumala Oil Chem India Pvt. Ltd., (Paper Division) (Formerly M/s Maruti Paper Udyog), Sy. No. 18, Mambapur Village, Gummadidala Mandal, Sangareddy District - Water (Prevention and Control of Pollution) Amendment Act, 1988 - Air (Prevention and Control of Pollution) Amendment Act, 1987 - Complaint received regarding Air pollution - **DIRECTIONS - Orders Issued** - Reg.

- Ref:**
1. CFO & HWA Order No. TSPCB/ZO/RCP/RCPM/89/W&A/2015-1808. Dt: 17.10. 2015.
 2. Amended CFO&HWA Order No. RCPM-89/PCB/ZO/RCP/2017, Dt.17.11. 2017.
 3. Auto renewed CFO & HWA Order No. TSPCB/ZO/RCP/RCPM/89/CFO/2019. Dt: 14.05.2019.
 4. Complaint received from S. Venkatesh & Others of Mambapur village on 21.01.2020 against the industry regarding Air pollution.
 5. Inspection of the industry and its surroundings by Board officials on 25.01.2020.
 6. Show Cause Notice issued to the industry on 10.02.2020.
 7. Hearing held on 04.03.2020.

1. **WHEREAS**, you are operating the industry located at Sy. No. 18, Mambapur Village, Gummadidala Mandal, Sangareddy District and involved in manufacture of Kraft paper.
2. **WHEREAS**, vide reference 1st cited, the Board has granted the CFO&HWA Order to the industry to manufacture of Kraft paper to the tune of 20.0 TPD for a period upto 31.05.2019. The Board vide reference 2nd cited, granted amended CFO & HWA Order to the industry with regard to name change from M/s Maruti Paper Udyog to M/s Tirumala Oil Chem India Pvt Ltd., (Paper Division).
3. **WHEREAS**, vide reference 3rd cited, the Board has granted the Auto renewed CFO & HWA Order dt:14.05.2019 to the industry to manufacture of Kraft paper to the tune of 20.0 TPD for a period up to 31.05.2029.
4. **WHEREAS**, vide reference 4th cited, complaint received from S. Venkatesh & Others of Mambapur village on 21.01.2020 against the industry regarding Air pollution, wherein it was stated that, their Cabbage, Tomato, and Cauliflower crops in their agriculture lands are getting damaged due to falling of Boiler Ash generated from the industry and requested the Board to initiate action against the industry.
5. **WHEREAS**, vide reference 5th cited, the Board Officials inspected the industry and its surroundings on 21.01.2020 and submitted a report on 11.02.2020, the following observations were made:
 - a. During the inspection, Sri Bal Reddy, Ex-MPTC, Sri P.Mohan Reddy, President Village Rythu Sangam, S.Venkatesh, S. Gopal, S.Tirupathi & others were present. The complainants informed that, the industry is releasing heavy air pollution into atmosphere and due to falling and deposition of boiler ash on their agricultural lands, due to which the Cabbage, Tomato, and Cauliflower crops are getting damaged and requested the Board to take action against the industry.
 - b. During inspection, the industry was in operation
 - c. The industry has installed and operating boiler of capacity 5.0 TPH with Cyclone dust collector as APCE to control the dust emissions generated during operation of boiler. The industry is using husk as fuel instead of coal. The industry has not provided separate energy meter to APCE.

- d. The ladder, Port hole, Sampling plat form provided to the chimney were observed to be rusted and damaged in condition.
- e. The ducting line between the ID Fan and chimney was observed to be damaged with openings and lot fugitive emissions were observed from the openings of ducting line causing dust nuisance in the surroundings.
- f. The industry has not provided separate closed sheds for storage of husk and boiler ash and storing the same openly near the boiler causing fugitive emissions.
- g. The industry has provided 3 Nos. of below ground level RCC tanks (ETP) for collection, neutralization and for recirculation of process & washing effluents. Spillages were observed in and around the effluent tanks. Dried marks of effluents on land inside the premises at west side of the industry were observed indicating that the industry is discharging waste water on land thereby causing water pollution.
- h. The industry has not provided flow meters to assess the actual water consumption and waste water generated and recycled. The industry not maintaining any records pertaining to boiler ash generated, disposed, water consumption, waste water generated and recycled.
- i. The industry has not paid water cess due amount of Rs 8664/- for period from 2010 to 2015 till date.
- j. The House keeping in and around the effluent tanks, near boiler area and in the premises is poor.
- k. Sri S.Venkatesh, S. Gopal, S.Tirupathi & others are having agricultural lands at about 300 mtrs away and towards west side from the industry and cultivating Cabbage, Tomato, and Cauliflower crops in their agriculture lands.
- l. Falling of Boiler ash on complainant's agricultural lands and deposition of Boiler ash on leaves of Cabbage, Tomato, and Cauliflower crops were observed.
- m. During inspection on 25.01.2020, the Board Officials have collected stagnated waste water at backside of the industry (West side) and Sample from Effluent Collection tank. The Board officials could not conducted stack monitoring of 5.0 TPH Boiler as the ladder, Port hole, Sampling plat form provided to the chimney were observed to be rusted and damaged in condition.
- n. During inspection on 25.01.2020, the Board Officials have collected waste water samples and the results are as follows:

I.No	Parameter	Units	Results	
			Sample collected form stagnated waste water collected at backside of the industry (west side)	Sample collected from effluent collection tank
1.	pH	-	7.56	5.62
2.	Total Suspended Solids (TSS)	mg/l	195	3,130
3.	Total Dissolved Solids (TDS)	mg/l	2,404	17,500
4.	Chemical Oxygen Demand (COD)	mg/l	144	19,667
5.	Biological Oxygen Demand (BOD)	mg/l	40	6,290
6.	Oil & Grease	mg/l	BDL	8.1

6. **WHEREAS**, vide reference 6th cited, RO, RC Puram office issued show cause notice to the industry on 10.02.2020 for above Non-compliances observed.
7. **WHEREAS**, vide reference 7th cited, your industry was given an opportunity of hearing before the Task Force Committee of the Board on 04.03.2020. The industry representative and the complainants attended the meeting. The Committee noted that, the complaint received from S. Venkatesh & Others of Mambapur village on 21.01.2020 against the industry regarding Air pollution,

wherein it was stated that, their Cabbage, Tomato, and Cauliflower crops in their agriculture lands are getting damaged due to falling of Boiler Ash generated from the industry and requested the Board to initiate action against the industry.

The Complainants informed that, the industry is releasing heavy air pollution into atmosphere and due to falling and deposition of boiler ash on their agricultural lands, due to which the Cabbage, Tomato, and Cauliflower crops are getting damaged and requested the Board to take action against the industry.

The Committee also noted that, the industry not provided separate energy meter to APCE, the ladder, Port hole, sampling plat form provided to the chimney were observed to be rusted and damaged in condition. The ducting line between the ID Fan and chimney was observed to be damaged with openings and lot fugitive emissions were observed from the openings of ducting line causing dust nuisance in the surroundings, not provided separate closed sheds for storage of husk and boiler ash and storing the same openly near the boiler causing fugitive emissions. Spillages were observed in and around the effluent tanks. Dried marks of effluents on land inside the premises at west side of the industry were observed indicating that the industry is discharging waste water on land thereby causing water pollution, not provided flow meters to assess the actual water consumption and waste water generated and recycled, not maintaining any records pertaining to boiler ash generated, disposed, water consumption, waste water generated and recycled, not paid water cess due amount of Rs 8664/- for period from 2010 to 2015 till date and the House keeping in and around the effluent tanks, near boiler area and in the premises is poor.

The industry representative informed that, they have already refurbished stack platform attached to the boiler.

After detailed discussions, the Committee recommended to recommended to issue certain directions to your industry to comply with.

8. **WHEREAS**, the Board after careful consideration of the material facts of the case, hereby **issues following directions to your industry to comply:**

1. The industry shall not operate without CFO&HWA of the Board and shall comply with the CFO&HWA conditions scrupulously.
2. The industry shall provide separate energy meter to the air pollution control system and maintain a log register to record the readings.
3. The industry shall immediately provide adequate capacity bag filters as Air Pollution Control Equipment (APCE) to the 5 TPH coal fired boiler to control the emissions.
4. The industry shall immediately provide proper ladder, Port hole, sampling plat form to the stack attached to 5 TPH coal fired boiler for carrying out stack monitoring.
5. The industry shall provide proper ducting line between the ID Fan and chimney without any openings to control dust nuisance in the surroundings.
6. The industry shall provide separate closed sheds for storage of husk and boiler ash to control fugitive emissions from open storage of the same.
7. The industry shall not discharge effluents/cause spillages within or outside the industry premises.
8. The industry shall install digital flow meters to assess the actual water consumption and waste water generated and recycled and maintain the records.
9. The industry shall pay water cess due amount of Rs 8664/- for period from 2010 to 2015 immediately.
10. The industry shall maintain good housekeeping within the industry premises.
11. The industry shall submit the Bank Guarantee of Rs.4.0 Lakhs towards compliance of the above directions in favour of the Member Secretary, TSPCB, Hyderabad for a period of one year at concerned Regional office within in a week and shall extend from time to time till further orders of the Board.

9. These directions are issued under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec. 31 (A) of Air (Prevention and Control of Pollution) Amendment Act, 1987.
10. The above mentioned directives shall be implemented by the industry, failing which legal action will be initiated against your industry 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 directing closure of the industry in the interest of Public Health and Environment, without further notice.

Sd/-
MEMBER SECRETARY

To
M/s Tirumala Oil Chem India Pvt. Ltd.,
(Paper Division) (Formerly M/s Maruti Paper Udyog),
Sy. No. 18, Mambapur Village,
Gummadidala Mandal,
Sangareddy District.

Copy to:

1. The JCEE, Z.O., R.C.Puram for information and necessary action.
2. The Environmental Engineer, Regional Office, RC Puram for information and necessary action. He is directed to submit the compliance on above directions and submit status report.
3. Concerned file.

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


Senior Environmental Engineer (FAC)
(UH-V)