Regd. Post With Ack Due

Order No. 605/APPCB/UH-II/TF/KKD/2016- Date: 30.01.2017

DIRECTIONS


3. Complaint received from residents of Bank Colony, Peddapuram against the industry on 07.12.2015.
6. Complaint of villagers of 28, 29 & 30th ward, Samalkota forwarded by the Municipal Commissioner, Samalkot against the industry.
9. External Advisory Committee (Task Force) Meeting held on 20.01.217.

WHEREAS you are operating a Solvent Extraction, Physical Refinery Unit & Bio-mass Power Plant in the name & style of M/s. Sudha Agro Oils & Chemicals Industries Limited, Samalkot (V & M), East Godavari District.

WHEREAS vide reference 1st cited, the Board has issued certain directions to the industry on 30.05.2013 for non-compliance of Board directions and consent conditions.

WHEREAS vide reference 2nd cited, the Board issued Show Cause Notice to the industry for non-compliance of the Board Directions and CFO conditions.

WHEREAS vide reference 3rd cited, the Board received many complaints from residents of Peddapuram Municipality, East Godavari Dist. against industry causing dust pollution problems.

WHEREAS vide reference 4th cited, the Board reviewed the industry before External Advisory Committee (Task Force) meeting held on 19.02.2016 and issued certain directions to the industry on 04.04.2016 for non-compliance of Board directions and consent conditions.

WHEREAS vide reference 5th cited, the Board issued combined CFO & HWA Order to the industry on 04.05.2016 duly stipulating necessary standards and conditions with a validity period upto 31.01.2017.

WHEREAS vide reference 6th cited, the Board also received a Complaint of villagers of 28, 29 & 30th ward, Samalkota forwarded by the Municipal Commissioner, Samalkot alleging that the industry is emitting black ash to the surroundings and creating eye irritations, health problems to the villagers.

WHEREAS vide reference 7th cited, the Board officials inspected the industry and its surroundings on 28.12.2016 & 29.12.2016 and observed the following violations:

1. During the inspection on 28.12.2016, the complainants from Employees colony, 29th ward, Samalkot requested to once inspect the terrace of their houses and assess the air pollution problems being faced by them. The Board officials inspected the houses of 29th ward colony existing at a distance of about 600 mtrs., to 1 KM from the industry. Lot of black ash particles accumulated on the house/building terrace was observed. Even the drinking water sources were dusted with ash particles.
2. Residents of Samalkot alleged that lot of dust pollution has been creating by the industry thereby causing health problems particularly ophthalmologic problems and also causing
inconvenience to them. They also apprehended that because of falling of fine dust from the nearby industry, there is possibility of Asthma problems to nearby residents particularly to children and senior citizens. They alleged that the industry is emitting black smoke through the chimney during its operation in early hours and at night time. A dharna was organized by the residents of Employees Colony before the industry gate on 27.12.2016 and protested to control air pollution.

3. The RDO, Peddapuram also complained personally about the dust nuisance, falling even in the premises of RDO office, Peddapuram and causing inconvenience.

4. Continuous Ambient Air Quality Monitoring was conducted at the terrace of house of Sri. K. Satyanarayana, Sri Vasantha Laxmi Nilayam, D.No.18-1-46/9/4, Employees Colony, Samalkot(V&S), East Godavari District during night time and day time. The values of PM_{10} and SPM recorded on 28.12.2016 & 29.12.2016 are exceeding the standards.

5. The industry has not upgraded the air pollution control equipment attached to 30 TPH boiler by adding additional fields / add Bag filter in addition to the existing ESP.

6. The industry has not upgraded the air pollution control equipment attached to 15 Lakh K.Cal/hr and 6 Lakh K.Cal/hr Thermic Fluid heaters.

7. The industry provided online stack monitoring facility to 15 Lakh K.Cal/hr Thermic Fluid Heater only and not provided online stack monitoring to 6 Lakh K.Cal/hr Thermic Fluid Heater.

8. The industry has not provided 33% of total area greenbelt as required within the premises.

**WHEREAS** vide reference 8th cited, the RO, Kakinada has issued show cause notice to the industry on 06.01.2017 for complaint received against the industry regarding severe dust pollution and non-compliance of the Board directions.

**WHEREAS** vide reference 9th cited, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 20.01.2017. The representatives of the industry and complainant attended the legal hearing. The committee noted that the Board has received Telephonic complaint on 28.12.2016 stating that the public are facing air pollution problems caused due to the operation of industry. It was also noted that the Board has received complaint from the public of 28th, 29th & 30th ward, Samalkota through the Municipal Commissioner, Samalkot alleging that the industry is emitting black smoke to the surroundings and creating eye irritations, health problems to the villagers. The committee also observed that the industry has not upgraded the air pollution control equipment attached to 30 TPH boiler by adding additional fields / add Bag filter in addition to the existing ESP and not provided online stack monitoring equipment to 6 Lakh K.Cal/hr Thermic Fluid Heater. The complainant has informed that they are experiencing inconvenience due to the dust pollution created by nearby industries (M/s. Sree Papers ltd., M/s. Blue Ocean Biotech., M/s. Lalitha Enterprise Industries Pvt. Ltd., and M/s. Sudha Agro Oils & Chemical Industries ltd.,) and thereby causing health problems to them. They also informed that the industry is emitting black smoke and dust nuisance to the surrounding area. He is requested the committee to take necessary action against the industry.

The representative of the industry informed that ESP is designed with 3 fields and its capacity is more than sufficient for the 30 TPH Boiler, they are maintaining all the 3 fields of ESP in good working condition. They have analyzed SPM of power Plant Boiler with 3rd party S.V. Enviro Consultants and as per their report, the SPM values are within the standards. It was informed that they installed online monitoring facility for VTA-15 (Thermic Fluid Heater) and it is not necessary for VTA-6 (Thermic Fluid Heater) as the fuel consumption for the same is extremely low at 200 kg/hr. It was also informed that water sprinkler’s arrangement is shifted from the existing location to new location so as to enable us to use treated water only as input water to the Sprinklers. They informed replacement of water meters with new meters will be done by end of March 2017. It was informed that no more husk is being stored at VTA-15 (Thermic Fluid Heater) and it is not necessary for VTA-6 (Thermic Fluid Heater) as the fuel consumption for the same is extremely low at 200 kg/hr. It was also informed that water sprinkler’s arrangement is shifted from the existing location to new location so as to enable us to use treated water only as input water to the Sprinklers. They informed replacement of water meters with new meters will be done by end of March 2017. It was informed that no more husk is being stored at VTA-6. The present husk lying there is covered under tarpaulin. The Committee recommended to upgrade the air pollution control equipment attached to 30 TPH boiler by adding additional fields / add Bag filter in addition to the existing ESP.

The Committee after detailed discussions, recommended to issue the following directions:

1. **The industry shall restrict the production capacity to 75% of consented quantity permitted in the Consent Order dt.04.05.2016.**

2. **The industry shall upgrade its Air Pollution Control systems i.e. Electro Static Precipitator (ESP) installed to the 30 TPH Boiler by adding additional fields or add bag filter in addition to existing ESP within 2 months.**
3. The industry shall also upgrade Mechanical Dust Collector and Cyclone Dust Collector attached to 15 Lakh K.Cal/hr & 6 Lakh K.Cal/hr Thermic Fluid Heaters within 2 months.
4. The industry shall provide closed shed for storage of husk within 1 month.
5. The industry shall not cause any water / Air pollution and odour nuisance to the surrounding environment.
6. The industry shall operate water sprinklers continuously at husk storage area.
7. The industry shall not dispose the solid waste outside the factory premises.
8. The industry shall maintain good housekeeping within the premises.
9. The industry shall develop thick green belt with tall growing trees all along the periphery during coming monsoon season.
10. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

This order is issued under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987.

You are hereby directed to note that, should you violate any one of the directions mentioned above, your unit will be closed under Sec.33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 30.01.2017.

Sd/-
MEMBER SECRETARY

To
M/s. Sudha Agro Oils & Chemicals Industries Limited,
Samalkot (V & M),
East Godavari District.
Pincode - 533 437.

Copy to:
1. The Joint Chief Environmental Engineer, Zonal Office, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, Regional Office, Kakinada with a direction to inspect the 4 no. of industries (M/s.Sree Papers ltd., M/s. Blue Ocean Biotech., M/s.Lalitha Enterprise Industries Pvt. Ltd., and M/s.Sudha Agro Oils & Chemical Industries ltd.) and furnish the detailed inspection reports industry wise incorporating analysis reports of stack monitoring, ambient air quality monitoring and effluent monitoring within 15 days.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II