ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavari street, Kustulbalipoel, Vijayawada – 520 010

Regd. Post with Ack Due

Order No. 149/APPCB/UE-II/TF/NLR/2018-1514
Date: 27.12.2018

DIRECTIONS

Sub: APPCB – UE-II - TF - M/s. Emami Agrotech Limited (Formerly M/s. Emami Bitotech Limited), Sy. Nos. 501, 502/1, 502/2, 503/1, 503/4, 504, 505/2, 507/2, 509/1, 509/2, 510/1 & 510/2, Pantapalem (V), Muthukur (M), SPSR Nellore District – Not operating ETP, MEE & not meeting the Board discharge standards - Non-compliance of the Board directions - Legal hearing held on 05.12.2018 - Directions - Issued - Reg.

3. Representation received from the Sri Kakani Govardhan Reddy, Hon’ble MLA, Sarvepalli Constituency, SPSR Nellore District on behalf of the villagers of Epuru and Doruvapalem villages of Muthukur Mandal, SPSR Nellore District on 07.07.2017.
4. External Advisory Committee (Task Force) meeting held on 09.11.2017.
8. Minutes of External Advisory Committee (Task Force) meeting held on 05.12.2018.

WHEREAS you are operating industry in the name & style of M/s. Emami Agrotech Limited (Formerly M/s. Emami Bitotech Limited), Sy. Nos. 501, 502/1, 502/2, 503/1, 503/2, 504, 505/2, 507/2, 509/1, 509/2, 510/1 & 510/2, Pantapalem (V), Muthukur (M), SPSR Nellore District to carrying out Physical refining & Chemical refining for the production of Refined oil (physical refining) - 950 Tons/day, Refined oil (chemical refining) - 186 Tons/day (Soya Bean, Sunflower, Ground Nut, Rice Bran, Cotton Seed, Mustard, Rape Seed) with a capital investment of Rs.344.86 Crores. The industry has a total area of 20.14 Acres with a built up area of 10.8 Acres.

WEREAS the Board vide reference 1st cited, the industry obtained CFO through auto renewal dt.24.02.2016 which is valid up to 31.12.2020 for the production of Refined oil (physical refining) - 950 Tons/day, Refined oil (chemical refining) - 186 Tons/day (soya bean, sunflower, ground nut, rice bran, cotton seed, mustard, rape seed) by using crude palm oil, vegetable oils, bleaching earth, nickel catalyst, citric acid, phosphoric acid, Sodium Methoxide, caustic soda, sulfuric acid as basic raw materials.

WEREAS the Chairman, APPCB reviewed the status of implementation of action plan dt. 06.07.2015 at Board Office on 03.02.2016. The Krishnapatnam Edible Refineries Association submitted revised time lines for implementation of action plan.

WEREAS the status of implementation of action plan of the edible oil units was reviewed before External Advisory Committee in its meetings held on 25.08.2016, 15.07.2016, 05.08.2016, 27.08.2016, 16.09.2016, 30.09.2016, 11.11.2016, 03.12.2016, 30.12.2016, 20.01.2017, 04.02.2017 for which all the representatives of the 8 No.s of Edible Oil industries were attended.
WHEREAS

This final narrative was considered before the final NOD was issued, and the completed NOD is attached to this document. The Narrative, as revised, reflects the results of the Technical Advisory Committee's (TAC) review of the TAC's final report, which was submitted to the Board on October 1, 2018.

WHEREAS

The industry has not provided adequate measures to prevent water pollution.

1. The industry has failed to provide adequate measures to preserve the existing EIP. The industry has not submitted the required EIP. The industry has not submitted the required EIP.

2. The industry has not provided adequate measures to prevent water pollution.

3. The industry has not provided adequate measures to prevent water pollution.

4. The industry has not provided adequate measures to prevent water pollution.

5. The industry has not provided adequate measures to prevent water pollution.

6. The industry has not provided adequate measures to prevent water pollution.

7. The industry has not provided adequate measures to prevent water pollution.

8. The industry has not provided adequate measures to prevent water pollution.

9. The industry has not provided adequate measures to prevent water pollution.

10. The industry has not provided adequate measures to prevent water pollution.

WHEREAS

The final report of the Technical Advisory Committee (TAC) is attached to this document. The TAC's final report is considered before the final NOD was issued. The Narrative, as revised, reflects the results of the TAC's review of the final report, which was submitted to the Board on October 1, 2018.

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of implementation of action plans submitted by Edible Oil industries. The Committee also noted that the industry is not operating Effluent Treatment Plants properly and not meeting the Board standards, not operating the MEE and ATF D, the sludge drying beds are not properly maintained as sludge deposits are not removed, not sending the Hazardous wastes to TSDF Visakhapatnam properly. The AEE, RO, Nellore has informed that some of the industries upgraded Effluent Treatment Plant, but analysis reports shows that the parameters are exceeding the Board's standards and some of the industries not yet upgraded their ETPs. He informed that Housekeeping near the ETPs, MEE's & ATF D's area is poor due to the spillage of effluents and thereby forming cess pools. He also further informed that the industry is discharging untreated effluents on open land / into drain thereby causing ground water pollution in the area. It was informed that all industry has submitted the Bank Guarantees. The representative of the industry informed that they have upgraded ETP and operating the ETPs continuously. They have taken up concreting of roads near cooling tower and ETP area. They will dispose off balance ETP sludge and MEE salts to TSDF within one month. They provided ash silos for storage of ash and provided mechanical water sprinklers at coal storage yard & ash handling system. They also informed that they are operating MEE and ATF D continuously. It was also further assured that they will not discharge any effluents outside premises and comply with all the directions of the Board.

The Committee recommended to instruct all the industries to remove the pipelines connecting the ETPs and outside drains immediately. Further, the Committee recommended that the Effluent Treatment Plants at individual industries shall be upgraded immediately to comply with discharge standards prescribed by the Board and shall ensure implementation of requisite measures to prevent re-occurrence of non-compliance.

After detailed review the committee recommended to issue the directions. The Board is hereby issue the following directions under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1983 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall immediately upgrade the existing ETP to comply with prescribed discharge standards.
2. The industry shall continuously operate the RO, MEE & Drum drier so as to Zero liquid discharge and maintain proper records with respect to the operation of RO, MEE and drum drier.
3. The industry shall furnish estimated quantity of water required on realistic basis and source of fresh water to RO, Nellore. The industry shall furnish actual quantities of water consumed every month.
4. The industry shall not discharge any type of effluents outside the premises under any circumstances.
5. The industry shall furnish details of actual solid waste generation within 15 days.
6. The industry shall provide filter press to handle the ETP sludge effectively in place of sludge drying beds within one month.
7. The industry shall dispose off hazardous waste and MEE salts to TSDF immediately and maintain records for solid waste generation and disposal and shall furnish monthly records to ZO, Vijayawada and RO, Nellore.
8. The industry shall provide Ash silos with 30 days storage capacity with a facility to load the ash directly to the trucks instead of loading manually to control dust emissions.
9. The industry shall provide closed storage facility to store coal/fuel and mechanical water sprinklers at coal storage yard & ash handling system within one month.
10. The industry shall properly maintain good housekeeping within the plant particularly at ETP, MEE & ATF D areas.
11. The industry shall not go for any expansion proposal till comply with the directions issued by the Board.
12. The industry shall provide single storage of fresh water before using for process, cooling & domestic purposes etc and also to provide adequate Primary Storage Tank for collection of Raw effluents generating from process & wash, cooling tower blow downs, fresh water RO rejects & domestic sections etc. so as to assess the exact quantity of water consumption & waste water generation by the edible oil units.
13. The industry shall develop and maintain thick green belt in 33% of the total area in the premises.
14. The industry shall strictly comply with the above directions as per the specified time targets, falling which stop production orders will be issued without any further notices.
15. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions stipulated by the Board.
Joint Chief Environmental Engineer

T.C.F.Bo. 0

And to report to the Board for further review.

1. The Joint Chief Environmental Engineer, Zonal Office, Vijayawada for information and necessary action.
2. The Senior Environmental Engineer, Legal Cell, Board Office for information and necessary action.
3. The Environmental Engineer, Regional Office, Vijayawada for information and necessary action.

Copy to:

SPFR, Nilore District
Panaparthi (M), Kurnool (M),
50712, 50712, 50712, 50712, 50712, 50712,
50311, 50311, 50311, 50311, 50311, 50311.

To

Member Secretary

SD

This Order comes into effect from today i.e., 27.12.2018

Health and Environment:

Regd. under Sec. 33(4) of Water (Prevention & Control of Pollution) Act, 1974 and Sec. 31(4) of Air (Prevention & Control of Pollution) Act, 1981. Without any further notice, in the interest of Public Health and Environment, you are hereby directed to note that, should you violate any of the directions periodically, you may be proceeded against under Sec. 33(4) of Water (Prevention & Control of Pollution) Act, 1974 and Sec. 31(4) of Air (Prevention & Control of Pollution) Act, 1981. Necessary action will be initiated under Sec. 33(4) of Water (Prevention & Control of Pollution) Act, 1974 and Sec. 31(4) of Air (Prevention & Control of Pollution) Act, 1981. You are hereby directed to note that, should you violate any of the directions periodically, you may be proceeded against under Sec. 33(4) of Water (Prevention & Control of Pollution) Act, 1974 and Sec. 31(4) of Air (Prevention & Control of Pollution) Act, 1981.