M/s. Visakhapatnam Port Trust, Port Area, Visakhapatnam.

The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee discussed issues relating to covering of all stock yards of dusty cargos with tarpaulin, action plan for reorganization of coal stacking yards which are nearer to the city and re-furbishing of all the existing mechanical dust suppression systems.

The Port has informed that out of three CAAQM stations, installation of two stations i.e. one at outer harbor – Kotaveedhi interface near GCB gate and inner harbor – Gnanapuram interface at R&D yard is completed by 31.05.2016 and the other station in Municipal stadium in one town area started on 09.10.2016 and the data will be uploaded to APPCB website by the end of this month. It was informed that the VPT is not storing fresh dusty cargo at S6 stacking yard. The present coal cargo is being removed in phases. In order to divert the traffic going on the B ramp through the truck tyre washing facility, manpower is deployed in shifts on 24X7 basis and on an average about 250 trucks are being washed. It was informed that on average about 220 to 250 trips per day of sprinkling on roads with lorry tankers are operated. As per requirement based on the cargo movement, which is monitored by internal task force team the sprinkling on roads is being ensured to avoid dust emissions due to trucks movement.

Recommendations:

The Committee after detailed discussions, recommended to issue the following directions:
1. VPT shall stop the iron ore screening immediately at Opp. Essar.
2. VPT shall remove the dusty cargo (Gypsum) which is stored newly at S6 area or provide a closed shed for storage of cargo of S6 area within two months.
3. VPT shall Plant minimum 2 to 3 rows all along outside and 10 rows inside the newly constructed compound wall.
4. VPT shall ensure that immediately all the cargo loaded trucks shall be covered with tarpaulins completely without any leakages.
5. VPT shall remove all the accumulated dust on the flyover every day.
6. VPT shall take necessary measure for control the AAQ values recording in their 3 CAAQM stations.
7. VPT shall comply with the directions issued by the Board vide dated 28.12.2015.


The representatives of the industry attended the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative of industry informed that they have applied for EC for power generation of capacity 6.1 MW to Ministry of Environment and Forests. They have installed Scrubber in all the units based on the requirement. They have already installed flow meters at the inlet of CETP for both SEZ and Non SEZ units. It was also informed that they are not manufacturing any un-consented products. If at any urgent market requirement is there, then they will intimate to the Board well in advance. However they are applying for CFE change of product mix for all the units based on the current requirements.

It was informed that they have already installed Scrubbers for all the four tanks of ETP. For remaining two tanks, they have already procured hoods and the installation got delayed due to non-availability of Fabricators/contractors. The hoods will be installed in a month time. They informed that at present VOC is being monitored through portable VOC analyzers. They will install online VOC monitor at CETP in a couple of months. They informed that at present the Effluent generation is only 250-300 KLD and the installed capacity of MEE is 500 KLD which is higher than requirement. However, they are in the process of installing new 1 MLD ETP with 2 MEEs of 500 KLD capacity each. The status of project implementation will be intimated to the Board well in advance after getting financial clearances. It was also informed that the digital flow meters has been procured and will be installed in a week time for LTDS effluent line at the inlet of CETP.

MEMBER SECRETARY
Recommendations:

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

1. The SEZ shall not operate power plant of capacity 6.1 MW till they obtain EC from MoEF & CC and CFE/CFO of the Board.
2. The SEZ shall pursue all the units located in SEZ area and non-SEZ area to produce only consented products with consented capacities.
3. The SEZ shall obtain CFE/CFO amendment for boiler configuration with 45 TPH boiler.
4. The SEZ shall approach to MoEF regarding discrepancy of availability of land for all the units issued Environmental Clearance (EC)
5. The SEZ shall provide digital flow meter for LTDS effluent at the inlet of ETP within 1 month.
6. The SEZ shall construct leachate collection system followed by dyke walls for newly constructed hazardous waste storage shed within 30 days.
7. The SEZ shall obtain the CFO amendment for all the effluents generating from the SEZ and non-SEZ units immediately.
8. The SEZ shall operate Bio Assay test facility continuously.
9. The SEZ shall obtain public liability insurance policy for Hetero Infrastructure SEZ Ltd within one week.
10. The SEZ shall cover remaining 2 equalization tanks with FRP hoods and the vents are to be connected to scrubbers to control odour nuisance within 3 months.
11. The SEZ shall install VOC analyzer immediately at CETP area within 1 month.
12. The SEZ shall connect remaining 2 CAAQM stations to Board website immediately.
13. The SEZ shall ensure continuous compliance of CFO & HW Authorization conditions issued by the Board vide order dt. 16.02.2015.

3. M/s.NCS Industries Pvt., Ltd., (Refinery Division), Near Light House, Vakalapudi, Thammavaram (V), Kakinada (R), East Godavari District.

The representatives of the industry attended the legal hearing and the complainants did not attend the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the board has received a complaint against the industry causing severe dust pollution to the surroundings through boiler chimney. The representative of the industry informed that the plant is having a capacity of 400 MT per day. But since last 10 years they are not running the plant by importing oils as they suffered heavy losses on account of heavy fluctuations of the cost of imported oils and discontinued imports. Only to meet the minimum wages and power bills, they are undertaking job works for others as and when possible and the monthly average production is not exceeding 20% of the rated capacity. On account of this they are not able to invest in the costly force evaporation system.

It was informed that drainage pipe noticed in southern side has been closed and they are not discharging treated/untreated effluents outside the premises. All the effluents are directed to the ETP and the rain water accumulated in the area is collected into the common sump and pumped back to ETP. On the day of inspection, the ETP was stopped for repairs of inlet pipeline. The ETP is immediately put on operating condition. They have replaced all the flow meters by new ones and proper recording of the readings is available. They informed that eight damaged bag filters have been replaced. The ash silo has been put into operation. It was also informed that they are developing the adjacent land for plantation purpose.

Recommendations:

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

1. The industry shall install & commission forced evaporation system, within 6(six) months to achieve zero discharge standards of effluents.
2. The industry shall close the underground drainage system existing in southern side immediately. The industry shall not discharge treated / untreated effluents outside the industry premises under any circumstances.

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MEMBER SECRETARY
3. The industry shall provide separate water meter to assess the water consumption, wastewater generation, treated & its utilization and shall maintain the records and submit monthly records to RO, Kakinada.

4. The industry shall replace the damaged bags in the bag filter provided to 7 TPH boiler within 1(one) month.

5. The industry shall provide closed room for storage of husk, within 6(six) months i.e., by 25.04.2017 and shall not store openly.

6. The industry shall operate the ash silos immediately and shall not store ash openly.

7. The industry shall maintain good housekeeping all over the plant, mainly near cooling tower and effluent collection tank.

8. The industry shall provide sufficient greenbelt covering 33% of total area, during next monsoon season.

4. M/s. Ruchi Soya Industries Limited (Formerly M/s.Palm Tech India Ltd.,), IDA, Peddapuram, East Godavari District.

The representatives of the industry attended and the complainants did not attend the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board has received a telephonic complaint regarding fish death due to release of polluted water in Jogi Raju Cheruvu (Dosi Cheruvu), Vetlapalem Village, Samalkot Mandal, East Godavari District by the industry. The representative of industry informed that they have constructed 600 KLD Effluent Treatment Plant with latest technology consisting of Primary Treatment, Anaerobic Digestion, Aerobic Digestion, Tertiary Treatment, UFRO Filtration and Multi Effective Evaporation plant in unit-2 with investment of more than 12 crs even though the total discharge is 385 KLD only. It was informed that they are running the effluent plant successfully and meeting the Board norms. It was also informed that they would like to clarify that the requirement of STP is not arising as the total domestic effluent generation is less than 10 KLD only & as they don’t have any residential quarters in the factory premises.

It was informed that they have taken several trials for getting TSS below 50 mg/l and they are in the same process for reducing TSS below 50 mg/l to run UFRO and MEE plant. They are having 38 acres of own land for green belt and 16.85 acres taken on lease for green belt development. They are also having 20,000 KL capacity lined lagoon for storing of raw effluent for continuous process of ETP in lean season (to maintain the bacteria in anaerobic digester). Presently they are running Effluent Plant successfully as per Board norms and discharging the treated water for on land for irrigation. They have provided 20,000 KL lined lagoon for the storage of treated waste water during rainy season.

Recommendations:

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

1. The industry shall not produce beyond the consented capacities.
2. The industry shall stabilize the UFRO and MEE and put them in operation, within 6(six) months.
3. The industry shall construct STP to treat the domestic effluents of 24 KLD generated from both the plants, within 3(three) months.
4. The industry shall not discharge treated / untreated effluents outside the industry premises under any circumstances.
5. The industry shall provide Garland drain to ETP within 3 (three) months.
6. The industry shall maintain good housekeeping all over the plant, mainly near Decanter section & Solar evaporation pond.

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MEMBER SECRETARY
5. M/s. Lohiya Edible Oil Ltd., Industrial Park, Vakalapudi (V), Kakinada Rural, East Godavari District.

   The representatives of the industry attended and the complaints did not attend the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board received a complaint regarding discharging effluents and its wastes to outside the premises thereby polluting the environment and also causing severe air pollution to the surroundings. The representative of the industry informed that they have considered bore well water as the water sources for the process and hence the generation of waste water was mentioned in the CFO application as 111 KLD. As over a period of time, the use of bore well water was has been dispensed and started using canal water and thereby reduced water consumption from 111 KLD to 63 KLD, out of this 20 KLD of boiler blow down water is used for ash quenching. The remaining 43 KLD is sent to ETP for treatment. Since, the ETP capacity is 50 KLD, this 43 KLD effluent easily is treated. They informed that the average generation of MEE salts is around 85-100 Kgs for month and the same salts sent for disposal to TSDF. Finally, the management has requested to amend the effluent water generation from 111 KLD to 50 KLD in the CFO. The Member Secretary has instructed to address a letter to Zonal Office, Visakhapatnam for amendment of CFO & HWM authorization for incorporation of waste water generation as 50 KLD.

   Recommendations:

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

   1. The industry shall not generate wastewater more than 50 KLD under any circumstances.
   2. The industry shall submit the documentation evidence of reduction of waste water generation from 111 KLD to 50 KLD with scientific study within one month.
   3. The industry shall obtain amendment of the Board for the quantities of water consumption and wastewater generation.
   4. The industry shall maintain the records for water consumption, effluent generation, effluent treated and submit the details to RO, Kakinada on monthly basis.
   5. The industry operate the RO & MEE continuously and shall maintain records for the same. The industry shall submit the MEE salt generation to RO, Kakinada on monthly basis.


   The representatives of the industry attended and the complainants did not attend the legal hearing. The committee noted that the Board has received a complaint from Hon'ble Member of Parliament, Amalapuram regarding damage to Prawn culture in the surrounding area of Tadikonda Village due to gas leakage from SRAC well of M/s. ONGC, E.G.District.

   The representative of the industry has explained the reasons for gas leakage occurred on 09.09.2016. It was also informed that the ONGC officials have taken necessary measures such as spraying of water to cool down the gases and preventing the fire.

   After detailed discussions, the committee decided to direct EE, RO, Kakinada to ascertain whether any damage occurred to fish culture / prawn culture due to the gas leakage with Fisheries Department and shall furnish the report for further review in the next meeting. If the report says damage has been occurred due to gas leakage, the ONGC has to bear damage cost as per the award of District Collector, E.G.District.


   The representatives of the industry attended and the complaints did not attend the legal hearing. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The committee noted that the Board has received a complaint against industry causing air & water pollution in the surroundings. The committee observed that the unit is not under operation during the inspection.

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   MEMBER SECRETARY
The representative of the industry informed that there was a rice mill existing since 1991 and it was closed in 2005. Later on the coir industry was established in the existing premises in the name of M/s.G.Fibres in the year 2011. M/s.Sri Lakshmi Venkateswara Industry is not established till date. It was also informed that they will provide leak proof lining for storage of the raw material, coconut husk. They will develop the green belt the coming monsoon season. It was informed that they will take all pollution control measures issued by the Board and finally the management has requested the Board for revocation of stop production order in the name of M/s.G.Fibres.

**Recommendations:**

The Committee after detailed discussions, recommended to issue revocation of stop production order to M/s. G.Fibers with the following directions:

1. The Industry shall provide an enclosure for the two coir fiber extraction machines within one month.
2. The Industry shall provide leak proof lining for storage of the raw material, coconut husk and shed also to be provided for the storage of raw material within three months.
3. The Industry shall provide seepage / leachate collection tank with proper leak proof lining.
4. The Industry shall provide seepage / leachate drainage system with proper leak proof lining from the generation point to the collection tank.
5. The Industry shall provide shed like enclosure to store the husk powder. The husk powder shall be removed and transported immediately as and when it is generated so as to prevent the escape of dust into the surrounding atmosphere during windy situation.
6. The Industry shall recycle the seepage / leachate collected in the tank for wetting the coconut husk.
7. The Industry shall develop green belt on its periphery to control dust and noise pollution emanating from the operation of coir fiber extraction processes.

8. **M/s 3F Industries Ltd., (Formerly M/s. Food, Fats & Fertilizers Ltd.), Prathipadu (V), Pentapadu (M), West Godavari District.**

The representatives of the industry and the complainants attended the legal hearing. The committee observed that the SPM value is 190mg/Nm³ in the stack emissions, which is far exceeding the Board standard of 115 mg/Nm³. The Committee also observed that ESP is not operated properly, not provided mechanical ash handling system to avoid air pollution, not provided facilities for monitoring stack emissions for 15 TPH Boiler, not provided 33% green belt, not submitted BG for Rs.5.0 Lakhs and most of CFO conditions are not complied. The Complainants informed that ash and other emissions from the industry was severely polluting the TadepalliGudem town area and causing health problems to the residents of the town. Accidents have also occurred due to poor visibility caused by the smoke emanating from the industry. The representative of the industry committed to take all necessary measures to rectify the above mentioned works. He has also informed that they will upgrade the existing air pollution control equipment.

**Recommendations:**

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

1. The industry shall take necessary measures so as to reduce the stack emissions and meet the Board standards within 2 months.
2. The industry shall remove pipe line laid along the boundary of the industry immediately and shall submit the evidence of removal within one week.
3. The industry shall provide above ground level piping system duly indicating the direction of flow to carry the raw water, treated and untreated effluents within two months.
4. The industry shall provide closed conveyor system along with closed silo facility with sufficient capacity to handle the ash generated from the boiler to arrest fugitive emission within four months.

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**MEMBER SECRETARY**
5. The industry shall construct additional sheds for storage of raw materials within three months.

6. The industry shall ensure no discharge to outside the premises under any circumstances.

7. The industry shall submit the Bank Guarantee of Rs.5 Lakhs within one week with a validity period of one year towards compliance of the Board directions.

8. The industry shall submit the proposal on green belt development to RO, Eluru within one week time.

After detailed discussions, the committee decided to direct the EE, RO, Eluru to continuously monitor the industry and submit the inspection report within two months. The committee will review the industry after receipt of report.

9. Polavaram irrigation Project, River Godavari near Ramalahpeta (V), Polavaram (M), of West Godavari District.

The representatives of Polavaram Irrigation Project attended the legal hearing. The committee has gone through the report of Joint inspection team constituted as per NGT OA No.309 of 2015 and recommendations made by the team. The representative of the project informed that they have one stone crusher installed and proposed to install 3 more stone crushers. All the stone crushers will be provided with necessary control and containment system as per the guidelines of APPCB & MoEF and will apply for CFE/CFO order of the Board. He also informed that they have formed internal monitoring team with 3 officers to closely monitor the implementation of recommendations of Joint inspection team.

Recommendations:

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

1. The frequency of wetting of roads shall be increased sufficiently depending on the weather conditions, so as to avoid fugitive dust emission during vehicular movement.

2. Drilling operations should be carried out using the machines equipped with dust extraction systems only.

3. The stone crushers shall be provided with air pollution control systems as per Central Pollution Control Board (CPCB) guidelines and shall operate only with valid consent of APPCB.

4. Plantation shall be developed around the colony areas and the domestic waste water may be utilized for development of plantation. It shall be ensured that no stagnation of domestic waste water takes place.

5. A facility should be provided for composting of domestic garbage and the same shall be utilized as manure for the plantation within three months.

6. Waste oil from vehicle/DG sets etc is categorized as hazardous waste. It shall be properly collected and stored in a designed place and shall disposed to authorized recyclers, and shall maintain proper records. There should not be any spillages as it will contaminate the surface and ground water.

7. All the vehicles should be checked for pollution under control certificates at specified intervals.

8. Steps shall be taken to periodically monitor the river water quality and ambient air quality at project area and reports shall be sent to APPCB regional offices, Eluru and Kakinada as per EC condition and CFE condition.

9. Internal monitoring team (Environment cell) shall be constituted in Water Resources Department for implementation of the conditions specified by the MoEF and AP Pollution Control Board.

10. Avenue plantation shall be developed in project area and in the vicinity.

11. Compliance report to be submitted on CFE conditions within one month shall be comprehensive and shall cover all components of the condition.
The representatives of the Edible Oil industries have attended the legal hearing. The Committee noted the poor implementation of action plan submitted by the Krishnapatnam Edible Oil Refiners Association and non-compliance of Board directions. The representative of Edible Oil industries have informed that they have met the District Collector for water allocation from Surveepalli Reservoir to all the edible oil units on permanent basis by laying down pipeline. As per the District Administration’s perception, they have to get permission from Ministry of Irrigation in the form of GO for permanent allocation. They are approaching Ministry of Irrigation, Govt. of AP for allocation of water from Surveepalli Reservoir. It was also informed that all the representatives of Edible Oil refiners met the Collector and discussed allocation of land for CETP. As per his advise they met the APIIC ZM & MRO to identify the suitable land immediately and to provide the Survey numbers for taking further steps to allot the land. It was informed that the District Collector assured to allocate abandoned mine for disposal of Non Toxic, Non Hazardous solid waste and fly ash. They have identified one mine and details submitted to MRO for further processing. They informed that stack monitoring systems have been installed in all the Edible Oil industries and yet to connect to the APPCB website. This will be completed by 15.11.2016.

M/s. Bhagiradha Chemicals & Industries Ltd., Cheruvukommupalem, Ongole (M), Prakasam District.

The representatives of the industry attended and the complainants did not attend the legal hearing. The Committee noted the non-compliance of CFO order conditions and the instructions of the Board. The representative informed that they have upgraded the existing stripper height to 20m by providing additional packed column to improve the separations of organics. They will maintain the log Book. At present they are maintaining record of VOC monitored. It was informed that MEE-I is operated for non process LTDS. Since LTDS load was less, MEE-I was not in operation.

They informed that they will provide water flow meters for water consumption immediately. They have provided magnetic flow meters with totalizer in effluents collection line and treated lines. It was informed that they are replacing the existing online stack monitoring system with new system immediately and the existing system after repair and calibration will be kept as standby. They informed the online VOC analyzer repaired and installed. As a standby they have provided portable VOC meter.

It was informed that they are planning to dispose the inorganic solid waste to TSDF by February 2017. But the Committee not accepted. The committee directed the industry that all inorganic waste shall be disposed off to TSDF by the end of January 2017. They informed that the industry will take further precautions by conducting audit of the process by technical team and implementing the system. They will also plan for 3rd party audit to improve the systems.

Recommendations:

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

a. In view of the smell complaints during odd hrs/ night times the Industry shall deploy Senior Officer during night shift also to closely monitor the pollution control systems and measure VOC levels at various locations. The industry shall inform telephone numbers of the industry, in the surrounding villages so that they can immediately complain about the pollution problem/smell nuisance. On receipt of any such complaint, the industry shall verify the status in the complaint area, measure VOC levels and simultaneously attend to the source of emission within the industry if any and maintain record.

b. The industry shall augment the capacity of the Forced Evaporation system within three months.

c. The industry shall keep all the systems under working condition for handling max. permitted quantity of effluents and shall properly operate the same.

d. The industry shall install magnetic digital flow meters with totalizer at raw water inlet, inlet of stripper, inlet of RO, inlet & outlet of batch evaporators separately within two months.

e. The industry shall ensure proper operation of online VOC analyzer and online monitoring system connected to kiln stack

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MEMBER SECRETARY
f. The industry shall develop 10 M width Green belt along the boundary and in at least 33% of total area green belt to minimize the impact on the surroundings within next monsoon season.
g. The industry shall furnish time bound action plan for disposal of hazardous & other waste within 90 days as per authorization
h. The industry shall maintain log-books for flow meters, stripper, MEE, rotary kiln, hazardous waste disposed etc immediately.
i. The industry shall monitor ground water quality at upstream, downstream of the unit, in surrounding villages through NABL accredited laboratory
j. The industry shall take further precautions to manage highly odorous raw materials and products.
k. The industry shall improve systems to prevent contamination of storm water and prevent discharge of contaminated storm water outside the premises.
l. The industry shall ensure proper functioning of Alkaline Scrubber connected to kiln and process reactors to prevent odorous emissions into the atmosphere.
m. The industry shall submit Bank Guarantee of Rs.5.0 Lakhs within 15 days with a validity period of one year towards compliance of the Board directions.

The Committee recommended to direct the EE, RO, Nellore to make surprise inspections in the area periodically and verify the compliance of all the above directions and furnish report within two months for further review.

12. M/s. Dr. Narla Tatarao Thermal Power Station (Dr. NTPPS), formerly M/s.Vijayawada Thermal Power Station, Ibrahimpatnam (V) & (M), Krishna District.

The representatives of the industry attended and the complainants did not attend the legal hearing. The committee observed that earlier the pollution control status of the industry was reviewed in the EAC meeting held on 18.02.2016 and the Board issued directions to the industry on 04.04.2016. Subsequently the pollution control status of the industry was again reviewed in the EAC meeting held on 25.06.2016 and the Board issued directions to the industry on 23.07.2016. The Committee noted that Praja Sankshema Sangham represented by its Secretary Sri Podili Anil Kumar, West Ibrahimpatnam filed PIL no.2016 in the Hon’ble High Court against the industry and others for non-compliance of Board directions by the industry issued by the Board vide order dt. 04.04.2016.

The Committee noted that the industry yet to comply with the directions issued by the Board vide orders dt.04.04.2016 and 23.07.2016 viz. the industry yet to carried out health studies for human and animals influence zone and non-influence zone in coordination with DM & HO and Animal Husbandry Departments. The industry taken certain measures for improvement of performance of ESP so as to meet the Board emission standards. However, the industry has to still improve the performance of ESP attached to the boilers of 6 stacks of old unit and further improvement of Unit-III. The industry has not achieved 100% fly utilization. As or now the industry achieved 71% of fly ash utilization. The industry not using beneficiated coal with ash content less than 34%, the industry using coal with ash content more than 40%. The industry installed one CAAQM M station instead of 3 CAAQM stations.

The representative of the industry informed that they are in the continuous persuasion with DM & HO and Animal Husbandry Department to carry out health studies for human being and cattle in influence and non-influence zones for the industry. It was also informed that the industry has taken certain measures so as to meet the SPM emission standards. However, they have released purchase order on M/s. SHEL (OEM) to carry out gas distribution test and Performance Evaluation Test (PET) in ESPs in Unit-I to VI. It was further informed that they have awarded ancillary works which covered the recirculation and reusing waste water in the plant in scope of the main work of construction of 1 x 800 MW expenses project. They are continuous pursuing with CRDA officials for usage of fly ash in the construction project road laying works. It was informed that they have released purchase order for another 2 CAAQM stations and will be installed within 3 months. Finally, the representative of the industry informed that they will taken up all pollution control measures to comply with the directions issued by the Board.

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MEMBER SECRETARY
Recommendations:

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

1. The industry shall carry out the Health studies for Human beings and Animals in Influence Zone and Non Influence Zone in coordination with DM&HO and Animal Husbandry Departments within three months.

2. The industry shall improve the performance of ESP attached to the unit- I to VI within 2 months and also to take measures to achieve Board’s Emission Standards consistently.

3. The industry shall install 2 CAAQM stations in the nearby effected villages within three months.

4. The industry shall use Beneficiated coal with ash content less than 34% for the boilers as per GoI notification GSR No.02(E), dt.02.01.2014 within two months.

5. The industry shall approach CRDA for utilization of fly ash in the works relating to Amaravathi and other construction projects coming up in and around Vijayawada so as to achieve 100% utilization of fly ash.

6. The industry shall make arrangements for not to exceed the norms of 5° temperature difference for cooling water within one month.

7. The industry shall not discharge any waste water into agriculture channels located towards Eastern side of the plant.

8. The industry shall comply all the directions issued by the Board vide order dt.04.04.2016 & 23.07.2016.

9. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.


The representatives of the industry attended the legal hearing and the complainants did not attend. The committee noted the non-compliance of CFO order conditions and the directions of the Board. The representative informed that they have produced products such as Phenyl Acetyl Carbinol (PAC), Maap sulphate, Pyrrolidine nor ephedrine base in the unit, which are intermediates for the final products such as Pseudoephedrine HCL, Phenyl ephedrine HCL and Effacarinz mentioned in the consent order.

They informed that the quantity of 16.37 tons that was dispatched to TSDF during may 2016 was inorganic salt recovered from Tripple Effect Evaporator System, the liquid in EAT content was purely organic and degradable in nature, hence they given the same to NGFO for Bio Compost. It was informed that they have already emptied 40% of CAT by way of treating the same in evaporators namely MEEs, FCE, the concentrate sent to cement industry for co-processing. By all means, the evacuation work is expected to be completed on or before 31st March 2017. They informed that they have already planted 2000 sapling in the plant. They will take further forestation programme during the forthcoming monsoon and fulfill the requirement of greenbelt development in 33% of total area.

Recommendations:

The Committee after detailed discussions, recommended to issue temporary revocation of closure order for 4 months i.e. upto 31.12.2016 with the following directions:

1. The industry shall not manufacture any un-consented products.

2. The industry shall dispose of hazardous waste stored within the premises, immediately to TSDF.

3. The industry shall dismantle below ground level tanks i.e., conventional aeration tank and extended aeration tank within three months time.

MEMBER SECRETARY
4. The industry shall maintain daily records for quantity of effluent generated, quantity of treated effluent in the MEE, quantity of condensate generation and characteristics and solid waste generation and submit the same to RO, Tirupati every month.

5. The industry shall provide stripper as part of ZLD system and also provide RO system to the synthetic effluent stream within one month.

6. The industry shall maintain ZLD system effectively.

7. The industry shall submit Bank Guarantee of Rs. 5.0 Lakhs within 15 days with a validity period of one year towards compliance of the Board directions.

8. The industry shall comply all the directions issued by the Board vide order dt. 04.04.2016.

9. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

The committee has recommended to direct ZO, Kurnool and RO, Tirupathi to enquire the generation of hazardous waste, storage of hazardous waste and disposal of hazardous waste by the industry. They shall also require into the matter of disposal of hazardous waste to outside agency instead of disposing to TSDF as per the consent order. They shall also suggest the better method of disposal of hazardous waste to the industry. The ZO, Kurnool shall furnish the report within 15 days time.

14. M/s Sree Rayalaseema Green Energy Limited, Aswathapuram (V), Near Pandipadu, Kallur (M), Kurnool District.

The representatives of the industry attended and the complainants did not attend the legal hearing. The committee observed that the SPM value is 343 mg/Nm³ in the stack emissions, which is far exceeding the Board standard of 115 mg/Nm³. The Committee also observed that industry is not operating the Air Pollution Control Equipment system, not provided closed sheds with adequate size for storage of husk, not covered ash conveying belts properly, not provided online stack monitoring system and not submitted Bank Guarantee of Rs. 8.0 Lakhs and noted the non-compliance of CFO order conditions and the directions of the Board.

The representative of the industry has informed that they are operating air pollution control equipment continuously, storing raw material stocks in the yard to the minimum possible, covered all conveyers with covers, issued purchase order for online stack monitoring equipment. He requested to give three months time for changing of collecting and emitting electrodes of ESP.

After detailed discussions, the committee recommended to issue temporary revocation of closure order for four months with following directions:

1. The industry shall obtain valid CFO order of the Board immediately.

2. The industry shall operate air pollution control equipment continuously to meet the Board standards.

3. The industry shall provide closed sheds with adequate size for storage of husk within one month.

4. The industry shall provide online stack monitoring equipment as per CPCB directions within one month.

5. The industry shall cover ash conveying belts properly and collect ash in closed system within one month.

6. The industry shall submit Bank Guarantee of Rs. 8.0 Lakhs within one week with a validity period of one year towards compliance of the Board directions.

7. The industry shall comply all directions issued by the Board vide order dt. 08.08.2016.

The Committee also recommended to direct JCEE, ZO, Kurnool to consider issue of CFO order of the Board up to a period of four months.

[Signature]

MEMBER SECRETARY