## VIJAYAYAWADA ZONE

1. **Ratification of orders/directions issued**

   The Committee noted and ratified.

2. **M/s Ever Health Life Sciences Private Ltd, Plot No. 408 & 419, Industrial Growth Centre, Gundlapalli (V), Maddipadu (M), Prakasam District.**

   The representatives of the industry attended the legal hearing. The Committee noted the general compliance of the directions issued by the Board. The representatives have informed that they are operating the MEE along with the stripper and ATFD and shown the photographic evidence. They also informed that VOC monitoring system will be purchased and installed in the 1st week of March, 2016. The installation of online pH meter will also be completed by the end of this month. The action plan for green belt development will be submitted within fortnight.

   **Recommendations:**
   
   The Committee after detailed discussion, recommended to issue the following directions:

   1. The industry shall not manufacture any un-consent products.
   2. The industry shall not discharge waste water outside the industry premises.
   3. The industry shall install VOC monitoring system and connect the same to the Board’s Website within one month.
   4. Scrubbers shall be provided for all reactors to control process emissions within 2 months.
   5. The industry shall store hazardous waste on a raised concrete platform under a shed
   6. The industry shall dispose off accumulated hazardous waste to TSDF & cement plants immediately and submit manifest copies. The industry shall also maintain the separate register for the generation of hazardous solid waste & disposal.
   7. The industry shall install flow meters at inlet of MEE, MEE condensate and inlet of stripper within 1 month.
   8. The industry shall dismantle the 15 KI capacity below ground level tank and provide above GL collection tanks.
   9. The industry shall maintain the registers pertaining to operation of ETP, RO & MEE.
   10. The industry shall take steps to arrest any seepage from the industry into the bore-well located on south side of the industry premises.
   11. The industry shall put RO plant in operation within 1 month.
   12. The industry shall operate the effluent treatment in ZLD procedure.
   13. The industry shall repair lining for all ETP tanks within 1 month.
   14. The industry shall ensure the validity CFO of the Board and ensure continuous compliance of the conditions issued by the Board.
   15. The industry shall develop Green belt in 33% of total area.

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

   The representatives of the industry attended the legal hearing. The Committee noted the non compliance of the CFO conditions / Directions and the extent of air pollution caused by the industry. The representative of the industry has informed that they have provided flow meters at inlet & outlet of ETP to measure quantities of waste water generated and treated. Dyke wall is provided to arrest spillages around the chemical storage tanks, for which photographic evidence is also presented. It was informed that they are operating MEE and ATFD regularly. They have informed that the VOC monitoring system will be delivered in the first week of March and installed by the end of March, 2016. It was informed that the earthen pond located in the North-East side of the plant will be utilized for storage of rain water instead of dismantling.

   **Recommendations:**

   The Committee after detailed discussions, recommended to direct RO, Nellore to verify the compliance status of the industry and same would be reviewed in next TF meeting after receipt of the report from RO, Nellore.
4. M/s. Empee Sugars & Chemicals Ltd., (Distillery Division), Ayyaparedypalem, Nuyudupet, Nellore District.

The representatives of the industry attended the legal hearing. The Committee noted the general compliance of the directions. The representative of the industry informed that they rectified RO system and kept in operation and issued AMC for total operation and maintenance of RO to M/s. RR Enterprises, Tamilnadu and monitoring the same. They also informed that adequate press mud has been acquired for Bio- Composting and RO plant is being operated continuously. Now, the RO permeate is using for Cooling Tower make up. They have also extended Bank Guarantee upto 24.12.2016. They have drawn up an action plan for the development of green belt in the ensuing year in an extent of 20 acres in addition to the existing green belt.

Recommendations:

The Committee after detailed discussions recommended to issue revocation of stop production order as per Bank Guarantee retained by the Board i.e upto 24.12.2016.

5. M/s. Sudalagunta Sugars Limited (Unit-II), Prabhaigiripatnam (V), Podalakur (M), Nellore District.

The representatives of the industry attended the legal hearing. The Committee noted the general compliance of the directions. The industry representative has informed that they are having full-fledged ETP, which is operational throughout crushing season, treating effluents to meet the stipulated norms. He further informed that they provided Multi Cyclones followed by Wet scrubber to their 70.0 TPH Bagasse – fired Boiler and meeting the stipulated norms and he also informed that they provided HDPE/Tarpaulin sheets over the piles of Bagasse to suppress fugitive dust on the surroundings. The industry representative stated that industry has provided flare Stack for collection of excess gas generated from UASBR and same is burnt into atmosphere.

Recommendations:

The Committee after detailed discussions recommended to revoke the Closure Order with a direction “the industry shall comply with the CFO and Hazardous Waste Authorization conditions issued by the Board”. The expired BG will be returned to industry.

6. M/s. Krishnapatnam Port Co. Ltd., Krishnapatnam (V), Muthukur (M), SPS Nellore District.

The representatives of the industry attended the legal hearing. The Committee noted the general compliance of the directions. The representative of the industry informed that they completed installation of mechanical coal conveying belt system from the coal stacking area of the Port to the reception points of M/s. Thermal Power Plant Corporation Ltd., M/s. NCC power and M/s. Sri Damaodaram Sanjeevaiah Thermal Power Plant of A.P. Genco and same would be completely operational for A.P. Genco & NCC by the month end of March, 2016. They have informed that they engaged 8 Nos of Mechanical road sweeping machines. Atomizers were provided with wide water throw output area to control fine fugitive dust at fine dust cargo handling areas and also informed that they would rectify Online AAQM Stations and completely put into operational to display levels of PM2.5 within few days.

Recommendations:

The Committee after detailed discussions recommended to return the valid BG of Rs.20.0 Lakhs and the expired BG of Rs.20 Lakhs to M/s. Krishnapatnam Port Company Limited and issue following directions:

1. The Port shall operate water sprinklers at coal yards & other dusty cargo yards adequately to maintain wet condition in coal yard and iron ore yard.
2. The port shall provide tarpaulin covering to heaps of gypsum to control fugitive emissions within one week.
3. The Port shall pursue the Govt. Authorities to acquire salt pan lands and provide mechanical coal handling system there in view of public complaints receiving on air pollution problems.
4. The Port shall comply the conditions stipulated in CFO order dt.24.09.2015.


The representatives of the industry attended the hearing. The Committee noted that the PM10 & PM2.5 values are exceeding the Board standards and instructed the industry to maintain PM10 & PM2.5 values within limits. The representative of the industry informed that Online CAAQM has been installed and commissioned, Software installation and data transfer to APPCB server is under progress. Data will be connected to Board website by the end of February, 2016. The industry informed that they are allocating Fly Ash to Brick manufacturing industries and Cement Industries.

Recommendations:

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

1. The power plant shall provide wind barriers along the coal yard and also to develop green belt with tall growing trees along periphery of the industry.
2. The power plant shall comply the conditions stipulated in Fly Ash Notification for ash disposal to Brick units, Cement units and for construction projects.
3. The power plant shall provide water sprinklers all along the coal yard area within 3 months and to operate them so that coal would be in wet condition for fugitive dust control.
4. The power plant shall calibrate on line stack monitoring and AAQM monitoring system periodically and submit the reports to the RO, Nellore.
5. The power plant shall connect AAQM stations to the Board’s website immediately.
7. The industry shall comply all the conditions specified in CFO order dated 07.08.2013.


The representatives of the industry attended the legal hearing. The Committee noted that the PM2.5 values in ambient air are exceeding the Board standards and instructed the industry to maintain PM2.5 values within limits. The representative of the industry informed that they are allocating Fly Ash to Brick manufacturing industries and Cement Industries. They also informed that they are planning to develop green belt in an area of 23 acres in ensuing year.

Recommendations:

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

1. The power plant shall provide wind barriers along the coal yard and also develop green belt with tall growing trees along periphery of the industry.
2. The power plant shall comply the conditions stipulated in Fly Ash Notification for ash disposal to Brick units, Cement units and for construction projects.
3. The power plant shall provide water sprinklers all along the coal yard within 3 months and to operate them so that coal would be in wet condition for fugitive dust control.
4. The power plant shall calibrate on line stack monitoring and AAQM monitoring system periodically and submit the reports to the RO, Nellore.
5. The power plant shall connect AAQM stations to the Board’s website immediately.
7. The industry shall comply all the conditions specified in CFO order dated 30.03.2015.

The representatives of the industry attended the legal hearing. The Committee noted that the PM$_{2.5}$ values are exceeding the Board standards and instructed the industry to maintain the PM$_{2.5}$ values within limits. The representative of the industry informed that they are planning to export Fly ash. It was informed that the interlocking system between APC equipment (ESP) and fuel feeding system is not operating at present and will be rectified within one month. They have completed 40% of Green Belt so far.

**Recommendations:**

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

1. The Power plant shall entrust a project to establish a dedicated brick manufacturing unit for 100% utilization of fly ash.
2. The power plant shall provide wind barriers along the coal yard and also develop green belt with tall growing trees along periphery of the industry.
3. The power plant shall provide water sprinklers all along the coal yard within 3 months and to operate them so that coal would be in wet condition for fugitive dust control.
4. The power plant shall provide online AAQM stations and to connect to the Board’s website immediately.
5. The power plant shall provide online AAQM station at Nelatur (V) & connect to the APPCB Board’s website within 3 months.
6. The industry regularly shall comply all the conditions specified in CFO order dated 27.08.2015.

**10. M/s. Thermal Powertech Corporation (India) Ltd., Painampuram & Nelaturu Villages, Muthukur Mandal, Nellore District**

The representatives of the industry attended the legal hearing. The Committee noted that the PM$_{2.5}$ values are exceeding the Board standards and instructed the industry to maintain the PM$_{2.5}$ values within limits. The representative of the industry informed that they have made agreement with 2Nos of Brick manufacturing industries and one Cement Industry. They informed that they are planning to draw up an action plan to develop green belt in an area of 293 acres in the ensuing season.

**Recommendations:**

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

1. The power plant shall provide wind barriers along the coal yard and also develop green belt with tall growing trees along periphery of the industry.
2. The power plant shall provide water sprinklers all along the coal yard within 3 months and to operate them so that coal would be in wet condition for fugitive dust control.
3. M/s, Thermal Powertech Corporation Ltd., shall provide online AAQM station at Nelatur (V) & connect to the APPCB Board’s website within 3 months.
4. The power plant shall comply the conditions stipulated in Fly Ash Notification for ash disposal to Brick units, Cement units and for construction projects.
5. The power plant shall regularly comply all the conditions specified in CFO order dated 27.08.2015.

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

The representatives of the industry attended the legal hearing. The Committee noted the non compliance of the CFO conditions / Directions and opined that the industry shall carry out Health studies for Human and Animals in Influence Zone and Non Influence Zone in coordination with DM&HO and Animal Husbandry Departments.

The Complainant attended the legal hearing and informed that the industry is not complying with conditions/ directions issued by the Board and emitting Air emissions and causing ground water pollution in their area. The complainant requested to install fly ash loading equipment in the factory premises. However, the committee did not consider this as the Chief Engineer, M/s NTTPS reported that the industry is not allowing private parties for loading of Fly ash.

The representative of the industry informed that they have furnished purchase order of one CAAQM and committed that the installation will be completed by end of March, 2016. They have also informed that they are already sending fly ash to Bricks manufacturing industries and
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.
2. The industry shall improve the performance of ESP attached to the unit-III within 2 months and also to take measures to achieve Board’s Emission Standards consistently.
3. The industry shall explore the possibility of reusing the waste water instead of discharging into River Krishna through Budameru diversion channel.
4. The industry shall achieve 100% utilization of fly ash as per fly ash notification.


The representatives of the industry attended the legal hearing. The Committee noted the compliance of the CFO conditions / Directions. The representative of the industry informed that they are wetting the internal roads. Water sprinkling systems were also arranged in the premises to mitigate the fugitive dust. They informed that they are in the process of acquiring abandoned mine site for which, necessary permissions from the District Administration have to be obtained. The representative informed that nearby Ancillary units are registered as SSI units. Those SSI ancillary units were informed to take measures such as water sprinkling systems at their dust generating points.

Recommendations:
The Committee after detailed discussions recommended to direct RO, Nellore to verify the compliance status of the industry and same would be reviewed after 6 months time.

13. M/s. SBQ Steels Limited (Unit-I), (Sponge Iron-DRI Kilns 1 & 2), Varagalli Road, Ankulapaturu (V), Chilakur (M), Nellore District

The representatives of the industry attended the legal hearing. The Committee noted the non compliance of the CFO conditions / Directions. The representative of the industry informed that CAAQM station has been installed and connected to the Board’s website. They have provided online Stack monitoring system also which is yet to be connected to the Board website. Laying of internal CC roads will be completed by the end of December, 2016. There is no accumulation of Dolochar in the premises as the earlier stocked Dolochar has been exhausted. The industry has developed Green belt in more than 120 Acres and additional green belt would be developed in an extent of 4 acres in the ensuing year.

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

1. The industry shall complete the laying of internal CC roads within two months.
2. The industry shall connect Online Stack monitoring system to the Board’s website within fortnight.
3. The industry shall develop additional Green Belt in an area of 4 acres within this year as committed by the management in the Meeting.
4. The industry shall ensure the continuous compliance of CFO & HW Authorization conditions issued by the Board.


The representatives of the 11 Dyeing units attended the legal hearing. The Committee observed that there is no significant progress and enquired about any concrete steps have been taken towards installation of Common ETP. The representatives of the industry informed that they engaged a Environmental Consultancy to prepare DPR on the CETP. The consultant suggested for 4 Nos of CETPs with configuration of 2MLD treatment capacity for 2Nos of CETPs each and other 2Nos of CETPs with 1MLD treatment capacity. All the existing 11 units agreed to contribute for installation of these CETPs and requested the Board for revocation of Closure Order. The representatives of industry informed that they will start the construction of CETPs by the end of the April, 2016 and will apply for CFO in the month of May, 2016.

Recommendations:
The Committee, after detailed discussions, recommended to issue the Extension of Temporary Revocation of Closure Order for 1 Year with following directions and to direct the RO, Nellore to submit the status report on the progress made by the dyeing units after 3 months time.

a. All 11 Dyeing units shall apply for CFO of the Board immediately.
b. All 11 dyeing units shall not discharge any untreated waste water into the Kunderu drain under any circumstances.
c. All 11 dyeing units shall submit the progress report of CETP to RO, Nellore every month.
d. All 11 Dyeing units shall comply with directions issued vide order date 30.03.2015.

15. M/s. Visakha Industries, Jujuuru (V), Veerulapadu (M), Krishna Dist.

The representatives of the industry attended the legal hearing. The Committee noted the general compliance of the directions. The representative of the industry informed that they have complied with directions issued by the Board and request the Board to release Bank Guarantee for 3.0 Lakh.

Recommendations:

The Committee after detailed discussions, recommended to return the Bank Guarantee in view of performance made to comply with Board's Conditions.

[Signature]
MEMBER SECRETARY