MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 24.05.2018

All ZONES

RATIFICATION:


The Board issued stop production order on 18.05.2018 to the industry for non-compliance of Consent Conditions. The committee noted and ratified the orders issued by the Board.

ii. M/s. A.P. Drugs, Plot No.61, APIC, IDA, Gajulamandyam, Renigunta (M), Chittoor District

The Board vide order dated, 23.05.2018 issued Stop Production Order to the industry for not operating effluent treatment plant and non-compliance of consent conditions. The committee noted and ratified the order issued by the Board.

1. M/s. KVR Industries Limited, Sarasanapalli (V), Regidi Amadalavalasa (M), Srikakulam District.

The representatives of the industry attended the legal hearing. The Committee noted that the ETP Sludge was stored openly besides dewatering machine and also the waste water from the sludge drying beds was overflowing forming a cess pool besides ETP. The Committee also noted the status of non-compliance of Consent order conditions. The EE, RO, Vizianagaram has informed that during the inspection, lot of plastic waste and other rejected paper waste was dumped at the back of the Process area in the industry’s own land thereby causing nuisance to the surrounding environment; Lot of rice husk forming heaps & ash was stored openly in the premises causing nuisance to the surroundings by way of dust carried away due to wind currents; non-operation of Effluent Treatment Plant; non-storing the presently generated sludge on the raised concrete platform and also non-disposal of the rejected dried paper waste & ETP sludge.

The representative of the industry informed that the ETP sludge was send to egg tray manufacturing units i.e M/s Sri Srinivasa Trays. The Plastic waste kept for solar drying in over own land & once it is partially dried they are using as boiler fuel along with other fuels. It was informed that husk heaps are being covered with tarpaulin and ash is being given back to husk suppliers. Storage of husk in closed shed may not be feasible instead of that they are covering with tarpaulin. It was also informed that all effluents are routed to ETP and maintaining log records.

Recommendations:

After detailed review the Committee recommended to issue the following directions:

1. The industry shall regularly operate Effluent Treatment Plant to meet Board’s discharge standards and maintain log registers.
2. The industry shall monitor the ground water and submit the reports to Board.
3. The industry shall upgrade the air pollution control equipment within 2 months and ensure the continuous compliance of Emission standards prescribed by the Board.
4. The industry shall provide dust suppression system near the coal/husk/ash handing area within one month.
5. The industry shall provide closed storage facility within 3 months and store the husk / ash in closed rooms only, so as to avoid the dust nuisance to the surrounding area.
6. The industry shall obtain CFO order of Board for 300 KW generator.
7. The industry shall maintain log books to record the energy meter readings pertaining to the operation of the ETP, APCE and water meter & waste water readings at various sections to quantify the same. The consolidate records shall be submitted to ZO, Visakhapatnam and RO, Vizianagaram every month.
8. The industry shall not discharge any type of effluents outside the premises under any circumstances.
9. The industry shall not cause any air pollution to the surrounding environment.
10. The industry shall maintain good housekeeping within the industry premises.
11. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.

[Signature]

MEMBER SECRETARY 1
12. The industry shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

The Committee after detailed discussion, recommended to direct EE, RO, Vizianagaram to inspect the industry to verify the compliance of above directions and conduct stack monitoring & AAQM and furnish the detailed report along with analysis reports to Board Office within 2 months.


The representatives of the industry attended the legal hearing and complainant did not attend the meeting. The Committee noted that the Board received a complaint alleging that the industry is releasing fly ash from the boiler and discharging the molasses and untreated waste water into the sarada river thereby causing inconvenience and health problems to the surrounding residencies and also alleged that the bore wells were contaminated due to the release of untreated waste water. The committee also noted that the CPCB issued directions to install online Emission Monitoring system and on line effluent monitoring system.

The EE, RO, Visakhapatnam has informed that during inspections on 15.12.2017 observed that the ETP is not in operation and the untreated effluent is joining the river sarada along with the spray pond water and borewell water. The analysis values of the waste water joining the sarada river are PH- 6.77, BOD- 150 mg/l, TDS-780 mg/l, COD-376 mg/l. It was informed that during inspection on 19.02.2018 observed that flow meters are not provided to quantify the waste water generation; the APC installed is not in operation there by emitting the thick smoke emissions and is causing nuisance to the surrounding habitants; the industry has not stopped the discharge of waste water into the Sarada river.

The representative of the industry informed that they will upgrade existing Effluent Treatment Plant & Air pollution control systems and will be completed before coming sugar cane season. They stopped letting out the effluents into river sarada and diverting the effluents into the ETP for treatment. They assured that all the Board directions will be complied by end of October, 2018.

Recommendations:

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

1. The industry shall intimate the Board before starting the operation.
2. The industry shall provide additional diffused aerated lagoon followed by secondary clarifier/waste stabilization pond within 4 months.
3. The industry shall upgrade ETP within 4 months as committed by the management during the meeting. The upgraded ETP shall be commissioned and stabilized well in advance of the commencement of crushing season.
4. The industry shall construct 15 days storage capacity pond for storage of treated effluents within 4 months.
5. The industry shall not store molasses in the unlined lagoons under any circumstances.
6. The industry shall not store untreated effluents in the unlined lagoons under any circumstances.
7. The industry shall not discharge any waste water directly or indirectly into River Sarada under any circumstance and all the effluent outlets joining the sarada river shall be permanently closed.
8. The industry shall construct STP for treatment of domestic effluents within 4 months.
9. The industry shall upgrade the air pollution control equipment (ESP) attached to 2 x 50 TPH bagasse fired boilers within 4 months.
10. The industry shall provide closed shed for storage of bagasse or provide suitable dust suppression system to prevent fugitive dust emissions within 4 months.
11. The industry has to maintain the records for the separate energy meters attached to the APCE & ETP.
12. As per CPCB guidelines, industry shall provide online effluent monitoring system for the parameters pH, BOD, COD and TSS and same shall be complied.
13. The industry shall take-up planation in all vacant places in the coming monsoon and shall develop thick greenbelt in the premises so as to cover 33% of the total area.
14. The industry shall ensure continuous compliance of CFO & HW Authorization conditions issued by the Board vide order dt.11.01.2018.

MEMBER SECRETARY
Complaint regarding heavy pollution on the Bank of Visakhapatnam Sea Shore.

The representatives of GVMC attended the legal hearing nobody from Naval Dockyard attended the meeting. The committee noted that the Board received complaint from Mr. M.A. Ansari, Member State Level Vigilance Food Advisory Committee, Govt. of A.P., Bhimavaram, West Godavari District has represented vide letter dt.20.01.2018 regarding pollution on the banks of Visakhapatnam Sea Shore due to the discharge of Domestic effluents and dumping of solid waste. The Committee also noted another complaint from Mr. P.V. Giridhar, Advocate, Visakhapatnam vide letter dt. 09.03.2018 requested the Board to take necessary action against GVMC, Visakhapatnam for violation of Solid Waste Management Rules, 2016.

The EE, RO, Visakhapatnam has informed that the main content of the complaint is pertaining to the pollution on the banks of Visakhapatnam Sea shore due to the disposal of untreated domestic effluent into the Sea. The population of GVMC is about 20.0 Lakhs and supplying water to the public to tune of 243 MLD and generating domestic effluents about 200 MLD. The GVMC has constructed STPs in the municipal limits with capacity of 93 MLD and another 115 MLD of capacity of STPs are under construction stage. However, the GVMC is not operating STPs and not provided underground drainage system to collect sewage from all the places of City. The RO, Visakhapatnam has addressed a letter to the Municipal Commissioner, GVMC to direct the concerned authorities to take necessary action to avoid burning of Municipal Solid Waste and air pollution problems to the public. CPCB issued directions on 05.10.2017 under Section 5 of Environment (Protection) Act 1986 to the Commissioner, GVMC for implementation of the SWM Rules, 2016 and also directed to submit a time bound action plan for compliance of the above directions to CPCB, whereas the Municipal Commissioner, GVMC is yet to submit the compliance for the CPCB directions. The Board Office also issued a notice to the Commissioner, GVMC on 15.03.2018 for non-compliance with the provision of SWM Rules, 2016.

The representative of GVMC has informed that DPRs are prepared for proposed UGD projects in GVMC area with an estimated amount of Rs. 1704 Crores. It was informed that they are not burning the municipal solid waste as was alleged and is being disposed in the designate dump yard.

Recommendations:

The after detailed review the committee recommended to issue the following directions:

1. M/s. GVMC shall not discharge any untreated sewage in to sea from RK Beach to Sagar Nagar area. All the discharge channels letting untreated sewage into sea shall be closed.
2. M/s. GVMC shall provide necessary sewage collection system at all the discharging points and shall divert all the untreated sewage in to nearby STP’s.
3. M/s. GVMC shall Operate all the existing STP’s at its full capacity continuously to meet the new specified standards of CPCB i.e. BOD value 10 mg/l.
4. M/s. GVMC shall take necessary steps for implementation of the following as per Plastic Waste Management Rules 2016:
   a) Prevent selling and usage of plastic carry bags having thickness less than 50 μ
   b) Only the registered shopkeepers or street vendors shall be eligible to provide plastic carry bags for dispensing the commodities.
   c) Ban on usage of Plastic cups and carry bags for hot beverages and packing of hot food items.
5. M/s. GVMC shall take necessary steps for prevention of burning of Solid waste at Kapulappada dumping yard immediately.
7. M/s. GVMC shall pay the CESS arrears of Rs. 4,61,27,372/- up to 30th June 2017 immediately as per the cess assessment orders issued vide dated 08.03.2018.

MEMBER SECRETARY
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 24.05.2018


The representatives of the industry attended the legal hearing. The Committee noted that the industry is not operating the ETP, no adequate MLSS was observed in the aeration tank. The RO plant is also not in operation and the connections were removed; Forced evaporator system was also not in operation. As per the records FE was not in operation since March 2017. The Committee also noted that the Zonal Office, Visakhapatnam has issued show cause notice to industry on 03.01.2018 for not operating the RO & FE systems and for non-compliance of Consent conditions.

The EE, RO, Kakinada has informed that the industry is not operating the RO and Forced evaporator since long time and hence FE salts are not being generated. It was informed that they are not maintaining records for effluent generation and disposal. They have not constructed any garland drain at ETP & tank farm area and thereby the spills & washing effluents of high organic load are finding its way to the surroundings. It was also informed that during the inspections the Board Officials collected effluent samples from 1) the stagnated storm water runoff mixed with effluent near ETP 2) Outlet of ETP and the values are exceeding the Board standards i.e TDS-6343 mg/l, COD – 246 mg/l & BOD – 65 mg/l.

The representative of the industry informed that the industry’s financial position is not good since two years due to running at low production. It was informed that maximum effluent generation will be from sunflower Oil Process only. During November, 2017 sunflower process was in operation for 8 days only. Hence, effluent generation is very less during the month of November, 2017. During the inspection, RO plant is not in operating due to refurbishing work of filters in RO plant. They have sent solid waste of 12.065 MT to Ramky in the month of December, 2017 and they are planning to dispose the solid waste of 9.305 MT to Ramky, Visakhapatnam.

Recommendations:

After detailed review, the Committee has recommended to issue stop production order to the industry for non-compliance of consent conditions by not operating the ZLD system at their unit; not operating the tertiary treatment system (RO&FE); not maintaining records for effluent generation and disposal; not constructed any garland drain at ETP. Further due to the TDS, BOD & COD values of the effluent samples are exceeding the Board’s standards, the storm water mixed with effluents & spills was stagnated at the premises of the ETP and for not rectifying the lapses in spite of ample opportunity was given to rectify the lapses.

5. M/s. Slaughter House, Tanuku Municipality, L.P.No.129/1, 11th Ward, NGOs Colony, Ajaram Road, Tanuku (V&M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted that the Zonal Office, Visakhapatnam has issued closure order to M/s.Municipality Slaughter House, Tanuku Municipality on 04.12.2014 for operating without valid CFO order of the Board and for not providing ETP and discharging untreated wastewater into municipal drain thereby causing surface and ground water pollution in the area. The committee noted the status of non-compliance of Board directions and consent conditions. The representative of Municipality Slaughter House requested for revocation of closure order and also submitted representation on memorandum understanding between M/s.Divi Sea Foods Ltd., & Tanuku Municipality with respect to treatment of effluents generated from Slaughter House, Tanuku Municipality. The Commissioner while submitting the authorized letter of industry (M/s.Divi Sea Foods Ltd.) stated that the effluents from slaughter house will be treated in ETP pertaining to industry from 15.05.2018 onwards which is at a distance of about 2 kms from slaughter house. The effluents of slaughter house will be transported to the industry through municipal vehicles at their own cost. The Commissioner also stated that the municipality is committed to construct ETP within 6 months.

Recommendations:

After detailed review the committee recommended to issue Temporary Revocation Of Closure Order for a period of six months with the following directions:
1. The Municipal Slaughter House shall immediately obtain CFO order of the Board before commencement of the activity.

2. The Municipal Slaughter House shall construct Effluent Treatment Plant within 6 months and till ETP is constructed, effluents shall be transported and treated in the nearby industry viz. M/s. Divi Sea Foods Ltd., Tanuku, West Godavari District so as to meet the discharge standards.


4. The Municipal Slaughter House shall dispose off solid waste to CBMWTF (M/s. Safenviron, West Godavari District) duly following the procedures same.

5. The Municipal Slaughter House shall not discharge any effluents into municipal drains.

6. The Municipal Slaughter House shall dispose off Effluents and solid waste on daily basis.

7. The Municipal Slaughter House shall not cause any odour nuisance to the surroundings due operation of the slaughter house.

8. The operator shall ensure the slaughtering timings of 4:30 AM to 7:30 AM strictly at the slaughter house.

9. The operator of the slaughter house shall maintain good housekeeping at the premises.

10. The Municipality Slaughter House shall report implementation progress on the above directions for every 2 months.

6-1. M/s. Sri Satyanarayana Raw & Boiled Rice Mill Pvt. Ltd., R.Sy. No. 135/1, 137/1, 138 & 142/1, 2, Kovvada (V), Bhimavaram (M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are exceeding the prescribed standards. The committee also noted the non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru has attended the Legal Hearing. It was informed that the industry is discharging un-treated / Partially treated effluents into Rayalam drain through clandestine pipe lines. The industry is not operating Effluent Treatment Plants and not complied with prescribed standards at discharge outlets. It was also informed that the industry is not maintaining proper records for water consumption, effluent generation and production quantity. The Committee recommended to instruct the industry to immediately remove the clandestine pipelines connected between the industry and Rayalam drain and shall adopt treatment of waste water to comply with prescribed discharge standards at the outlet.

The representative of the industry informed that at present the industry is not in operation due to administrative problems. It was informed that they have already removed pipeline from the ETP outlet to the outside which leads to Rayalam drain. It was also informed that they have upgraded the ETP and complying Board’s standards. They also provided pipeline arrangement for disposal of treated effluents for on-land irrigation. They assured that they will construct close shed for storage of husk within 3 months.

**Recommendations:**

After detailed review the committee recommended to issue the following directions:

1. The industry shall regularly operate Effluent Treatment Plant to meet Board’s discharge standards and maintain log registers.

2. The industry shall maintain records on energy meter and flow meter readings pertains to waste water generation, treatment and disposal. The consolidated records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.

3. The industry shall expedite construction of the closed shed for storage of husk and it shall be completed within 3 months.

4. The industry shall provide lined storage tanks within 3 months for storage of at least five days consented capacity of treated effluents during rainy season.

5. The industry shall not discharge any type of effluent into Rayalam drain under any circumstances and all the effluents outlets connecting the same from the unit shall be permanently closed.

6. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.

7. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.
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The representatives of the industry attended the legal hearing. The Committee noted that the industry has not upgraded the effluent treatment plant and not provided lined treated effluent storage tanks for two days storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are continuously exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that the industry is discharging un-treated / Partially treated effluents into satyaywada drain through clandestine pipe lines. The industry is not operating Effluent Treatment Plant properly and not complied with prescribed standards at discharge outlets. It was also informed that the industry is not maintaining proper records for water consumption, effluent generation and production quantity.

The representative of the industry informed that they have upgraded the Effluent treatment Plant and complying the Board's discharge standards. They have made bifurcation of lined tanks of ETP to treat the trade effluents and domestic effluents separately & meeting the standards. It was informed that they have removed the underground pipeline connected to satyaywada drain and no treated water is being discharged into drain. It was also informed that the sludge waste generated in the ETP is being used for the garden within the premises and records are maintained.

Recommendations:

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.


The representatives of the industry attended the legal hearing. The Committee noted the industry has not upgraded the effluent treatment plant and not provided lined storage tanks for two day storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are continuously exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam & AEE, RO, Eluru have attended the Legal Hearing. It was informed that the industry is discharging the un-treated / Partially treated effluents into satyaywada drain through clandestine pipe lines. The industry is not operating Effluent Treatment Plant properly and not complied with prescribed standards at discharge outlets. It was also informed that the industry is not provided lined storage tanks for 2 days capacity for storage of effluent and not maintaining proper records for water consumption, effluent generation and production quantity.

The representative of the industry informed that they have upgraded the Effluent treatment Plant, they have installed Blowers & Diffusers and complying treated water discharge standards. They have provided the lined storage tanks with two days capacity for storing the treated water. It was informed that they have removed the underground pipeline laid to satyaywada drain.

Recommendations:

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

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The representatives of the industry attended the legal hearing. The Committee noted the industry has not upgraded the effluent treatment plant and not provided lined storage tanks for two days storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are continuously exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that industry is permitted to recycle the treated effluent to the maximum extent possible and the remaining shall be discharged into Yenamaduru drain. The industry is not operating Effluent Treatment Plant properly and not complied with prescribed standards at discharge outlets. It was also informed that the industry has not provided lined storage tanks for 2 days capacity for storage of effluent and not maintaining proper records for water consumption, effluent generation and production quantity.

The representative of the industry informed that they started the constructions of new ETP with state of art technology by implementing DAF followed by UASB with aeration tank. The Plant is surrounded by paddy field. So the excavation work was delayed due to wet condition of the soil. Now the paddy harvested and the civil work was in progress. They will complete the erection by July 15th, 2018. It was informed that lined storage tanks for two days storage capacity of treated effluent will be commissioned along with the new ETP that is already in progress. It was also informed that the energy meters and flow meters are installed and maintaining records and submitted to ZO, Visakhapatnam through email every month. They are disposing the solid waste i.e Head & Shell to M/s.Shell Tech/Chitin manufacturing unit.

Recommendations:

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

5. M/s.Ananda Aqua Exports Private Limited (formerly M/s.Ananda Aqua Applications), R.S.No.37/8, Dirusumarru (V), Bhimavaram (M), West Godavari District.


The representatives of the industry attended the legal hearing. The Committee noted that the industry has not upgraded the effluent treatment plant and not provided lined storage tanks of two days storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industries are continuously exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that the industries are discharging the un-treated / Partially treated effluents into Yanamadru drain through clandestine pipe lines. These industries are not operating Effluent Treatment Plant properly and not complied with prescribed standards at discharge outlets. It was also informed that the industries are not provided lined storage tanks for 2 days storage capacity for storage of effluents and not maintaining proper records for water consumption, effluent generation and production quantity. They provided CC cameras for continuous coverage of entire operation of ETP. The Solid Waste generated are stated to be sent to M/s.Ananda Enterprises but, not maintaining records.

The representative of the industries informed that they started the up-gradation of ETP and it will be completed by end July, 2018. They constructed muffle room for transit storage of prawn heads and shells to prevent odour nuisances. They assured that all directions issued by Board will be complied within 2 months.

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Recommendations:

After detailed review the committee recommended to inspect the industry again to verify the upgrade of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

6-6 M/s. Coastal Agro Industries Ltd., R.S.No.437, 438 & 439, Mandapaka (V), Tanuku (M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted the industry has upgraded the effluent treatment plant, but the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that the industry is not discharging the un-treated / Partially treated effluents into satyawada drain. The industry is up-graded Effluent Treatment Plant, but not complied with prescribed standards at discharge outlets, so the industry shall improve the ETP. It was also informed that the industry is maintaining proper records for water consumption, effluent generation and production quantity, but not submitted to the Board. The industry is not maintaining records on solid waste generation and disposal.

The representative of the industry informed that they have upgraded the Effluent Treatment Plant and maintaining the log records. They informed that they provided energy meters & flow meters and maintaining log records and will submit the records to Board shortly. It was also informed that they are not discharging any type of effluents into satyawada drain.

Recommendations:

After detailed review the committee recommended to inspect the industry again to verify the upgrade of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

6-8. M/s. Surya Mitra Exim Pvt Ltd, Unit – I & II, R.S.No.130, Main Road, Yenamaduru (V), Bhimavaram (M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted the industry has upgraded the effluent treatment plant, but the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are exceeding the prescribed standards and not provided lined storage tanks for two days storage capacity. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that as per condition "The industry shall treat the effluent to meet the Board standards and utilize for plantation and the balance shall be discharged into Yenamadurru drain" but the industry is discharging total waste water into Yenamadurru drain without meeting the standards. The industry has up-graded Effluent Treatment Plant, but not complied with prescribed standards at discharge outlets, so the industry shall improve the ETP. It was also informed that the industry is not maintaining proper records for water consumption, effluent generation & production quantity, solid waste generation and disposal. It was also informed that the industry is not provided lined storage tanks for 2 days capacity for storage of effluent due to no place in the industry premises and industry shall take a lease land to provide storage tanks of 2 days capacity for storage of effluents.

The representative of the industry informed that the evaluation of ETP has been carried out by consultant & the ETP has been upgraded as per suggestions to meet the standards prescribed for discharge of outlet treated water. Now they are complying the discharge standards at outlet of ETP water prescribed by the Board. They have explained the reason for non-compliance of effluent
sample collected at the time of inspection stating that there was a technical snag/blockage in the aeration tank which was not observed. After the incident, they have collected samples again and sent to chennai mettex lab private limited, for testing of all parameters on 15th February, 2018. As per analysis reports the values are within the limits.

**Recommendations:**

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

6-9. M/s. Shell Tech, Ramayanapuram, Gollavarittippa (Panchayath), Bhimavaram (M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted that the industry has not upgraded the effluent treatment plant and not provided lined storage tanks for two days storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are continuously exceeding the prescribed standards. The committee also noted the status of non-compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. They informed that the industry is not operating Effluent Treatment Plant properly and not compiled with prescribed standards at discharge outlets. It was also informed that the industry has not provided lined storage tanks for 2 days capacity for storage of effluent and not maintaining proper records for water consumption, effluent generation and production quantity. They provided the CC cameras for continuous coverage of entire operation of ETP with data retrieval facility.

The representative of the industry informed that the civil construction of UASB is completed and it will be commissioned by the end of May, 2018. After commissioning of UASB, all the parameters will be within the limits to the standards stipulated by the Board. He requested to grant time upto 31st May, 2018. Mean while they are continuously operating the existing Effluent Treatment Plant. It was informed that they provided lined storage tanks with capacity of 40 KL for storage of the treated effluent. It was also informed that they are generating very less quantity of solid waste and disposed to nearby Agr farmers to be used as compost.

**Recommendations:**

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

6-10 M/s. Kader Exports Private Limited, Gollalakoderu(V), Palakoderu(M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted the industry has upgraded the effluent treatment plant and complied the prescribed standards. The committee also noted status of compliance of Board directions and CFO conditions.

The SEE, O/o CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. It was informed that the industry is not discharging the un-treated / Partially treated effluents into satyawada drain. The industry has up-graded Effluent Treatment Plant and complied with prescribed standards at discharge outlets. It was also informed that the industry is maintaining proper records for water consumption, effluent generation and production quantity, but not submitted to the Board. The industry is not maintained records on solid waste generation and disposal.

The representative of the industry informed that they have Upgraded the Effluent Treatment Plant
and maintaining the log records. They informed that they provided energy meters & flow meters and maintaining log records and will submit the records to Board shortly. It was also informed that they removed the underground pipeline laid into satyawada drain and not discharging any type of effluents into satywada drain. It was also further informed that the industry constructed lined storage tank for storage of treated effluent and disposing the solid waste i.e., Head and Shell waste to chitin/feed manufacturing units.

**Recommendations:**

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.

6-11. M/s.Delta Papers Ltd, Vendra (V), Palakonderu (M), West Godavari District.

The representatives of the industry attended the legal hearing. The Committee noted that Yenamadur drone is receiving treated effluents mainly from M/s.Delta Papers Ltd., and several Prawn processing units. The Committee also noted that the industry has not upgraded the effluent treatment plant and not provided lined storage tanks for two days storage capacity. The Committee observed that the COD and BOD values of the waste water samples collected at the outlet of ETP of the industry are continuously exceeding the prescribed standards. The committee also noted the non-compliance of Board directions and CFO conditions.

The SEE, Olo CEE, Visakhapatnam, AEE, RO, Eluru have attended the Legal Hearing. They have informed that the industry is not operating Effluent Treatment Plant properly and not compiled with prescribed standards at discharge outlets. It was also informed that the industry has not provided lined storage tanks for 2 days capacity for storage of effluent and not maintaining proper records for water consumption, effluent generation and production quantity. They provided the CC cameras for continuous coverage of entire operation of ETP with data retrieval facility.

The representative of the industry informed that the re-designing works of the aeration tank has been completed i.e., a wall was constructed and the aeration tank volume is increased by 25%. Turbo Jet aeration were installed and commissioned in the aeration tank and the same are in operation. The mixing and aeration in the aeration tank is improved, Fabrication and Erection of extension of inlet line to the other side of the aeration tank is completed and commissioned, one more sludge De-watering machine (Saltic Press) for Primary Sludge is installed and commissioned to remove maximum extent of primary sludge. They requested to allow them to treat the domestic effluents along with trade effluents in the main ETP, since it will help to increase metabolic rate in the aeration tank as it contains some phosphate content. With regard to oxygen bleaching, they are planning to switch over to Oxygen bleaching from chlorine bleaching. They have consulted a competent agency for technical and economical feasibility to go for oxygen bleaching with required changes. The agency has visited & reviewed the process to make the necessary changes required for switching over to Oxygen Bleaching. The technical and economical feasibility report from the competent agency is yet to be received.

**Recommendations:**

After detailed review the committee recommended to inspect the industry again to verify the upgradation of ETP, outlet pipelines, storage tanks, records on solid waste generation and disposal, energy meter & flow meter readings and collect the samples for analysis, compliance of earlier Task Force directions and furnish the detailed report along with analysis report to the Board Office, within one month.
The representatives of the industry attended the legal hearing and complainants did not attend the legal hearing. The Committee noted that the Board received compliant from Sri D.Sattireddy and others against the industry alleging that the operation of the industry is causing dust pollution to the surrounding agriculture lands and crops in their fields are damaged due to dust emissions. Complainant was also stated that the industry is discharging waste water into their agricultural lands and causing pollution. The Committee also noted that the industry is not operating the ETP and discharging the entire effluents generated from the process to outside the industry premises.

The AEE, RO, Eluru has informed that the industry has not operating the ETP properly and discharging effluents outside the premises and finally joining into surrounding agricultural lands through western outlet of industry. No separate energy meters & flow meters are provided at ETP inlet and outlet so as to access the actual quantities of waste water generated and treated. No records are being maintained. Analysis report of samples collected on 20.12.2017 indicates that the values of parameters TSS & BOD are exceeding Board's standards. It was also informed that the industry has not laid internal cc roads, not installed flow meters & energy meters and ash generated from the boiler is stored openly. The industry has not upgraded the air pollution control equipment attached to 4TPH Boiler. Stack monitoring was conducted during inspection and observed that the value of SPM is far exceeding the Board standards. The industry has not submitted the Bank Guarantee of Rs.2 Lakhs as was directed by the Board earlier.

The representative of the industry informed that they upgraded the Effluent Treatment Plant and meeting discharge standards. They also informed that they provided the separate energy meters and magnetic flow meters. It was informed that they will rectify air pollution control equipment system and same will be completed by end of this month. They will provide internal cc roads for their vehicle movement in the industry premises in mean while they are operating the water sprinklers at ash handling & storage area. It was also further informed that they will submit the Bank Guarantee of Rs.2 Lakhs within one week.

Recommendations:

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

1. The industry shall regularly operate Effluent Treatment Plant to meet Board’s discharge standards and maintain log registers. The consolidate records shall be reported to ZO, Visakhapatnam and RO, Eluru for every fortnight through e-mail.
2. The industry shall upgrade air pollution control equipment system to the Boiler i.e. Scrubber cum multi cyclone dust collector within one month to ensure compliance of prescribed emission standards.
3. The industry shall maintain records pertain to waste water generation, treatment and disposal. The consolidated records shall be furnished to ZO, Visakhapatnam and RO, Eluru every month.
4. The industry shall not discharge treated/untreated effluents outside the premises under any circumstances.
5. The industry shall provide additional water sprinklers at ash handling & storage area within one month.
6. The industry shall provide the internal cc roads for their vehicle movement within the industry premises within 3 months.
7. The industry shall operate the ETP effectively duly deploying technical and qualified personnel.
8. The industry shall not store the solid waste openly and shall store in the closed sheds only.
9. The industry shall develop thick green belt in the industry premises as mentioned in the CFE & CFO order within six months.
10. The industry shall submit the Bank Guarantee of Rs.2 Lakhs within one week with a validity period of one year towards compliance of the Board directions.
11. The industry shall ensure continuous compliance of the conditions stipulated in the CFO & HWA order obtained from the Board.
8. M/s. JSW Cement Ltd., Bilakalagudur (V), Gadivemula (M), Kurnool District.

The representatives of the industry attended the legal hearing and complainant did not attend the meeting. The Committee noted that the Board received no. of representations through the Central Pollution Control Board, New Delhi filed by Sri Sai Nagi Reddy, Nandyal regarding pollution problems during transportation of slag through trucks by M/s JSW Cement Ltd., from the Railway station, Nandyal to their plant at Bilakalagudur (V), Gadivemula (M), Kurnool District. The complainant in his petition stated that during transportation of slag powder it is spilling from the trucks along the road and is accumulated up to 3 inches on the road which is causing air pollution in the area. The committee also noted the status of non-compliance of Board directions and Consent conditions.

The EE, RO, Kurnool has informed that during the manufacture of PSC/GGBS, the industry utilizes Slag generated from steel units as a raw material and is procuring the Slag of about 1,00,000 Tons/month from the sister concern unit i.e., M/s JSW Steels Ltd., Thornakallu, Bellary District, Karnataka through Railway Wagons. The Slag from the Railway wagons is being unloaded in the Slag storage yard at Nandyal Railway station and is being transported by road using trucks through Nandyal town to their cement plant at Bilakalagudur (V), Gadivemula (M), Kurnool District which is about 33 Kms from the Station. About 1500 trucks are being plying from the Nandyal Railway station to their plant for transportation of slag. During the inspection, it was observed that the industry has covered the trucks with the tarpaulin sheet to avoid flying of slag with wind during transportation. However, the complainants and the nearby residents have informed that the industry is covering only few of the trucks and majority of the trucks are not being covered with the tarpaulin sheets thereby causing air pollution. The industry is also not sprinkling water on the Slag in the storage yard before loading into the trucks and thereby causing pollution problems to the surrounding residents and also while transporting the slag to their cement plant.

The representative of the industry informed that total quantity of slag received by through rail during April 2017 to January 2018 was 7,24,599 MT with 8-10% of moisture content. They have instructed the Slag Yard in-chARGE to inspect all trucks/lorries before loading and ensure that there are no leakages in the lorries/trucks and if there is any leakage in the truck, then the Yard in-charge is directed to issue DO slip for transportation of the slag by that Truck/lorry. It was informed that the slag shall be loaded into the trucks only after sprinkling water on the slag. All trucks covered with tarpaulins to prevent flying of slag with wind during transportation. They informed that the unit is transporting material (Cement & Slag) from both Panyam Railway station as well as Nandyal Railway station depending upon the destination of the material and also as per the convenience of Railways. Transportation of material from both the railway stations is being practiced since 2011-12 till today.

Recommendations:

After detailed review, the Committee recommended to issue the following directions:

1. The industry shall always maintain the air pollution control equipment intact in good condition and continuously operate the same to control the emissions, so as to meet Board’s standards.
2. The industry shall provide the required pollution control systems and maintain the same intact to control the fugitive dust emissions from feeding & suction lines of clinker silo and from material transfer points.
3. The industry shall expedite plan of action for continuous compliance with revised emission standards prescribed by the MoEF & CC, Gol through notification dt.10.05.2016 for cement plants.
4. The industry shall closely monitor the stack emission and CAAQM data and shall take immediate corrective action to ensure compliance of the prescribed standards.
5. The industry shall expedite construction of closed sheds of adequate capacity to store coal & other dusty raw materials under roof and shall provide MDSS to contain fugitive dust emissions from transit storage of these raw materials within 2 months.
6. The industry shall improve dust containment measures during unloading of dumpers near coal yard, lime stone stock pile & other raw materials.
7. The industry shall cover with tarpaulins for storage of excess coal in full shape. Meanwhile the industry shall provide water sprinkling system on both sides near coal yard and lime stone stock pile to avoid fugitive emissions.
8. The industry shall immediately plug in the leakages at clinker bin, packing section and internal roads to prevent cement dust emissions, potential to get air borne and result in fugitive emissions.

9. The industry shall provide leak proof tarpaulin cover to all the trucks transporting the clinker from the clinker yard. The plant management shall ensure strict compliance of the same to avoid dust nuisance during the transportation of material.

10. The industry shall provide suitable dust suppression systems and water sprinklers at clinker yard to contain fugitive dust emission.

11. The industry shall not store clinker, coal & other dusty raw materials openly, under any circumstances.

12. The industry shall provide concrete pavement for all the internal roads in the plant to avoid fugitive dust emissions within 3 months.

13. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.

14. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

9. **M/s. R.S. Mineral Works, Bugganipalle (V), Betamcherla (M), Kurnool District.**

The representative of the industries and compliant did not attend the legal hearing. The committee recommended to defer the case for review the status in the next legal hearing.

10. **M/s. Lodhi Calcium Products Pvt. Ltd., Sy.No.316, 318, 319 & 320/2, Ungaraniundla (V), Dhone (M), Kurnool District.**

The representatives of the industry attended the legal hearing and complainant did not attend the legal hearing. The Committee noted that the Board received complaint forwarded by Collector & District Magistrate, Kurnool made by Sri G.Ramulu, Sarpanch and others, Ungaraniundla (V), Dhone (M), Kurnool district regarding air pollution problems on 08.01.2018. The committee also noted that the industry has not provided any Air Pollution Control Equipment to the Vertical Shaft Kiln and is letting out the emissions through the chimney of height 30 mtrs which is falling on the village causing health problems in the area. The committee also further noted the status of non-compliance of the consent order.

The EE, RO, Kurnool has informed that the industry is having raw mill of capacity – 25 TPD to grind the fuel (Coke Breeze/pet coke) and other raw materials. The industry has provided APCE i.e., Cyclone dust collector followed by bag filter to raw mill to control dust emissions. Also, the industry is having cement mill of capacity – 25 TPD for which the industry has provided APCE i.e., Bag filter to control dust emissions. The Industry has not provided separate energy meter for recording energy consumption for the operation of Air Pollution Control Equipment provided at the Raw mill & Cement mill. The industry has not provided Air Pollution Control Equipment (APCE) at all the transfer point to control the dust emissions and also not covered the raw material transfer point conveyor belts with GI sheets. The industry has not provided APCE to the Coke & Clay crushers till now causing dust emissions. The industry has not constructed closed shed for the storage of raw materials such as pet coke, clay, gypsum, lime stone, etc., and is storing these raw materials in the open area causing fugitive dust emissions during wind blows. Also, the industry has not provided water spraying system at the coal/coke, Iron ore/laterate and lime stone stock piles for dust suppression. The industry has not laid concrete internal roads in the plant premises to avoid fugitive emissions during vehicular movement.

The representative of the industry informed that 30 TPD old kiln is not in operation for the past 3 months and they are going to run the new kiln within short time which are equipped with cyclone wet scrubber in which the dust particles of any size will be trapped in the water mist and will be re used as product. It was informed that they will provide energy meters for all air pollution control equipments. They have constructed a 60mtrs long x 20mtrs wide closed shed for raw material storage. The concrete road which was laid earlier is damaged. They will lay new concrete roads. They are carrying water sprinkling on all the internal roads to suppress the fugitive dust.
MINUTES OF THE TASK FORCE COMMITTEE MEETING HELD ON 24.05.2018

Recommendations:

After detailed review, the Committee recommended to issue the following directions:

1. The industry shall always maintain the air pollution control equipment intact in good condition and continuously operate the same to control the emissions, so as to meet Board’s standards.
2. The industry shall provide the required pollution control systems and maintain the same intact to control the fugitive dust emissions from feeding & suction lines of clinker silo and from material transfer points.
3. The industry shall expedite plan of action for continuous compliance with revised emission standards prescribed by the MoEF & CC, GoI through notification dt.10.05.2016 for cement plants.
4. The industry shall provide suitable Air Pollution Control Equipment to the Coke & Clay crushers for containment and suppression of dust emission.
5. The industry shall closely monitor the stack emission and CAAQM data and shall take immediate corrective action to ensure compliance of the prescribed standards.
6. The industry shall expedite construction of closed sheds of adequate capacity to store coal & other dusty raw materials under roof and shall provide MDSS to contain fugitive dust emissions from transit storage of these raw materials within 2 months.
7. The industry shall cover with tarpaulins for storage of excess coal in full shape. Meanwhile the industry shall provide water sprinkling system on both sides near coal yard and lime stone stock pile to avoid fugitive emissions.
8. The industry shall not store clinker, coal & other dusty raw materials openly, under any circumstances.
9. The industry shall provide concrete pavement for all the internal roads in the plant to avoid fugitive dust emissions within 3 months.
10. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.
11. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

11. M/s. SRK Constructions, Sy.No.1724, Kesapuram Village, Chinnamandyam Mandal, Kadapa District.

The representatives of the industry attended the legal hearing and complainant did not attend the legal hearing. The Committee noted that the Board received complaint from Smt. M. Anasuyamma, Smt.M.Kamalamma & Villages of Kesapuram (V), Chinnamandern (M), Kadapa District regarding air pollution problems due to heavy blasting, crushing and mining operations. The committee also noted the case was filed before Hon’ble High Court Order dt.21.11.2017 on WP No.38747 of 2017. The committee observed the mining activity is being carried out without obtaining EC, CFE & CFO. The EE, RO, Tirupati has informed that the dust from mine and stone crusher are affecting the mango gardens of the complainants. Further a show cause notice was also issued to the mine for commencing it’s operations without obtaining EC, CFE and CFO. The Zonal office, Kurnool reported that they will call the industry and complainants for hearing before the EAC meeting and take necessary action within 15 days as the stone crusher falls under orange category. The ZO, Kurnool requested the Board to initiate necessary action against the mine (which comes under Red category) for commencing it’s operations without obtaining EC, CFE and CFO.

Recommendations:

After detailed review, the Committee has recommended to direct JCEE, ZO, Kurnool to issue stop production order to the mine for commencement of its operation without EC, CFE & CFO and causing dust pollution in the surrounding area together with their stone crushing unit operations and for not rectifying the lapses inspite of ample opportunity was given to rectify the lapses.

[Signature]
MEMBER SECRETARY
12. M/s. Chandra Modern Rice Mill, Guttivaripalli (V), Renigunta (M), Chittoor District.

The representatives of the industry attended the legal hearing and complainant did not attend the legal hearing. The Committee noted that the Zonal Office, Kurnool has issued closure order to the industry on 09.04.2018 for operating the unit without valid CFO order of Board and for discharging effluents without treatment and causing water pollution and dust nuisance in the surrounding area.

The EE, RO, Tirupati has informed that during inspection, it was observed that the industry is not discharging any waste water outside the industry premises as the industry is not in operation due to power disconnection. Small quantity of boiler blow down will be generated during operation of the boiler and same will be used for ash quenching in the rice mill. The industry has provided New ash storage room, Husk room, wet Bottom tank and also provided 25ft height of G.I Sheet on the existing compound wall of 12 feet on the south side and East side of the Rice mill to control fugitive dust emissions generated from the Rice mill. The industry has installed 1x2 Ton Husk fired boiler and provided dust collector followed by wet scrubbing tank as Air Pollution Control Equipment and provided chimney of height 75 feet for proper dispersion of emissions. The industry is not carrying out any para-boiled activity at the premises and mainly carrying steam rice and raw rice.

The representative of the industry has informed they have established the rice mill during the year 1985 far away from Guttivaripalli village at that time. After that over a period of time some small house built up near to the industry. Earlier no complaints were made against the industry regarding pollution problems. In the month of February, 2018 the said complainant Sri P. Muniswaminaidu made a complaint after that we have taken certain measures such as providing closed husk room, closed shed for storage of Boiler ash, wet scrubbing tank to 1TPH Boiler, increasing of stack height to 75ft, increasing of compound wall height to 25ft. By observing above measures the complainant also given a written letter regarding withdrawal of his complainant. This is not a Boiled rice mill, we are not establishing any para Boiled rice mill. We have established a baby Boiler of 1 TPH capacity which is occasionally used for drying of the paddy and will be operated at 0.6 TPH capacity only. He assured that all pollution control measures will be continuously operated. Hence requested for issue of revocation of closure order.

Recommendations:

After detailed review, the Committee recommended to issue revocation of closure order with the following directions:

1. The Rice Mill shall obtain CFO of the Board immediately.
2. The Rice Mill shall operate the Air Pollution Control Equipment continuously so as to meet the Board’s emission standards.
3. The Rice Mill shall not discharge any type of effluents outside of the plant premises.
4. The Rice Mill shall store the Boiler ash in closed facility and shall dispose off to brick manufacture units and maintain log records.
5. The Rice Mill shall store the husk in closed storage facility and shall implement all required measures to avoid dust emissions during conveying and transporting of the material.
6. The Rice Mill shall not establish and operate Boiled Rice unit in the premises.
7. The industry shall develop thick green belt all along the periphery of the unit and in vacant places of the premises.

13. M/s. GMS Pharmaceuticals Private Limited, Plot Nos. 612 & 613, Industrial Growth Centre, Gundlapalli (V), Maddipadu (M), Ongole Prakasam District.

The representatives of the industry attended the legal hearing. The Committee noted that the industry has not provided RO system followed by MEE & ATFD to meet ZLD system and manufacturing bulk drugs. The committee also further noted the status of non-compliance of Consent order conditions. The EE, RO, Nellore has informed that the industry is storing the mixed solvents in M.S. Barrels in about 60 drums on the open ground, which may cause ground Water & surface water pollution. The industry is not segregating effluents into HTDS & LTDS streams at industry and not provided above ground level collection tanks for storage of HTDS & LTDS effluents.
generated from the process. The industry is indulging in illegal discharge of waste water generated from the industry all around the premises, along the drains adjacent to the factory, thereby posing contamination of ground Water & surface water resources. It was informed that the air pollution control equipment i.e. Dust collectors provided to the boiler of capacity 2.0TPH is in dilapidated condition and observed that the excess fumes emanated are routing through bypass connected to the stack. It was also further informed that the industry has not installed online monitoring systems as per the directions issued by the APPCB/ CPCB.

The Representative of the industry informed that ZLD system civil work completed, Equipment installation completed. Operation to be carried out once completion of final qualification of ZLD as they are waiting for Technical Engineer from Vendor. It was informed that two HDPE above ground level tanks provided for HTDS effluents storage, the capacity of one is 20.0 KL and second one is 5.0 KL. Another one HDPE above ground level tanks provided for LTDS Effluent storage, the capacity of 10.0 KL. It was also informed that they will install Multi Cyclone Dust Collector to the Boiler. They install online monitoring system. They planned to discharge in-organic and Organic salts to TDSF within one week.

**Recommendations:**
After detailed review, the Committee recommended to issue Stop Production Order for not provided RO system followed by MEE & ATFD to meet ZLD system; storing the mixed solids in M.S. Barrels in about 60 drums on the open ground; not segregating effluents into HTDS & LTDS streams at industry and not provided above ground level collection tanks for storage of HTDS & LTDS effluents generated from the process; illegal discharge of waste water generated from the industry all around the premises, along the drains adjacent to the factory; not installed online monitoring systems as per the directions issued by the APPCB/ CPCB; the excess fumes emanated are routing through bypass connected to the stack.

<table>
<thead>
<tr>
<th>14. M/s. Hindustan National Glass &amp; Industries Ltd., 12-299, APIIC Industrial Park, Menakuru, Nayudupeta, SPS Nellore district</th>
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<tr>
<td>The representatives of the industry attended the legal hearing. The Committee noted that a fire accident took place on 29.12.2017 at about 4.00 PM at industry’s premises due to LPG gas leak at production block. The committee also noted the status of non-compliance of Board directions and consent conditions. The EE, RO, Nellore has informed that during the accident, small quantity of waste water was generated and there was no solid waste / hazardous waste was observed during the inspection. The fire accident occurred due to LPG flash at production block at 4 PM on 29.12.2017 in which 7 persons were injured while attending maintenance works on LPG line at production Block and there were no casualties, the industry had not informed the Board about the accident as required in Form-14. It was also informed that the using pet coke without providing adequate Air Pollution Control Equipment to control air pollution. The industry has not submitted the up-gradation proposals of the APCE, the industry has not provided HDPE lined pond for collection and storage of treated waste water till date and the industry has not taken up performance evaluation of APCE, ETP &amp; STP till date.</td>
</tr>
<tr>
<td>The representative of the industry informed that presently usage of pet coke as fuel has been discontinued and they use LPG gas. It was informed that ETP &amp; STP are in operation and treated water is recycled for gardening purpose. Pond has been constructed for collection and storage of treated waste water and further lining work is in progress and will be completed by June, 2018. They submitted the Bank Guarantee of Rs.5 Lakh valid for a period of one year.</td>
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**Recommendations:**
After detailed review, the Committee recommended to issue the following directions:

1. The industry shall operate the Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP) continuously to comply with prescribed discharge standards and only treated waste water shall be used for green belt development.
2. The industry shall upgrade the air pollution control equipment to comply with prescribed standards within three months and shall furnish the details of upgradation proposals to the
3. The industry shall provide HDPE lined pond for collection and storage of treated waste water within 2 months.
4. The industry shall not discharge the untreated waste water on land under any circumstances.
5. The industry shall undertake performance evaluation of air pollution control equipment and ETP by reputed agency on adequacy of pollution control measures so far implemented to comply with prescribed standards. The details shall be submitted to the Board within 3 months.
6. The industry shall not cause ground water pollution in and around the industry premises.
7. The industry shall ensure continuous compliance of conditions issued in the CFO &HWM order.


The representatives of the industry & complainant attended the legal hearing. The Committee noted that the Board received public complaints from Sri B. Hussain, Jayanthipuram (V), Jaggaiahpet (M), Krishna District against industry causing pollution problems. The Complainant alleged that the industries were causing water pollution, ground water depletion, air pollution, vibrations due to mining activities etc. The AEE, RO, Vijayawada has informed that the industry is having 3 nos of Kilns of capacities, 100TPD, 50 TPD & 50 TPD. The Kiln of 100 TPD capacity is provided with ESP for control of dust emissions followed by a stack of height 52 mts for dispersion of emissions. The industry provided dust collectors followed by bag filters separately for the remaining 2 kilns of 50 TPD capacities and provided a common stack of height 50 mts. Further, bag filters are provided to cooler discharge system to all the 3 kilns, product transfer points and product separation systems. It was informed that the Raw materials i.e., iron ore and coal are stored in closed sheds. Dolochar is stored in the premises as well as outside the industry premises. About 300 Tonnes of Dolochar is observed to be stored outside the industry premises. Some of the fine material is also observed to be dumped openly in the premises. It was also informed that the industry has not provided online CAAQ Monitoring stations and not provided bitumen/concrete roads within the industry premises.

The representative of the industry informed that they installed ESP & 6 Bag filters to arrest the dust emitting from exhaust chimneys. They installed the belt conveyor systems with closed chambers at all necessary transit points of materials. They provide water sprinklers within the plant premises and it will be completed by end of June, 2018. They requested to give 6 months to install and commission OSEMS station in the plant premises. Mean while they are continuously operating all air pollution control systems to maintain the SPM levels within the prescribed limits.

Recommendations:

After detailed review, the Committee recommended to issue the following directions:

1. The industry shall operate air pollution control equipment continuously to control the emissions, so as to meet Board's standards.
2. The Industry shall install online monitoring equipment for the Kiln stacks and connect to APPCB website within 3 months.
3. The industry shall upgrade bag filters attached to kilns, cooler discharged system, product discharge system and for kilns within one month to control the emissions to meet Board's standards on continuous basis.
4. The Industry shall provide permanent water sprinklers at all dust generating locations in the plant within one month and operate continuously.
5. The Industry shall provide concrete pavement for all the internal roads in the Plant within 3 months.
6. The industry shall conduct awareness program to surrounding villagers on the measures they have implemented to contain the pollution generated from the industry.
7. The Industry shall develop and maintain thick green belt all along the boundary of the industry premises to achieve minimum 33% area of the total project site.
8. The industry shall ensure continuous compliance of conditions issued in the CFO and HWA order.

[Signature]

MEMBER SECRETARY
The representatives of the industry attended the legal hearing. The Committee noted that the Board received letter from the Member Secretary, Telangana State Pollution Control Board, Hyderabad requesting to initiate necessary action against M/s. KMTK Laboratories, Ibrahimpatnam, Vijayawada for illegal dumping of the hazardous waste through unauthorized agencies and to issue necessary directions to the industry for payment of cost incurred for transport, treatment and disposal of the hazardous waste dumped to the TSDF of M/s. Hyderabad Waste Management Project (M/s. HWMP), Dindigal. The Committee also noted that the Telengana Pollution Control Board has filed a case through Yadagiri Police Station for illegal dumping of hazardous waste whereas the industry claiming that they have not dumped any waste but lamiing industry without proper evidences and mass balance and material balance of chemical reactions.

The AEE, RO, Vijayawada has informed that the industry was fallen sick for the past few years and restarted operations in July 2017. As per the production details submitted by the industry they are manufacturing only one product i.e. Trityl chloride at an average production of 2600 Kgs/month whereas the consented capacity of TTBB is 1500 kgs/month (50 kgs/day). The above product is manufactured from MLs of recovery Trityl chloride supplied by M/s. Vaishnavi life sciences, Hyderabad. The Trityl product is one of the inputs of Stage – II of TTBB (2-n-triphenyl methyl tetrazoiy)-4-bromo methyl biphenyl). The TTBB is the consented product. The industry is producing more than consented capacity. It was also informed that the industry is having Forced Evaporation system for treatment and disposal of effluents (HTDS & LTDS) generated from the industry, but the FE system is not in working condition. The industry has made an agreement with M/s. Kondpalli Envirotech Pvt. Ltd., (CETP) for treatment and disposal of HTDS and LTDS effluent. But, now the CETP was stopped and not receiving the HTDS effluent from the member industries for evaporation since July 2017. The industry is having two no. s of tanks of each 20 KL capacity for storage of HTDS and LTDS effluent. At present, 6600 lts of LTDS and 9900 lts of HTDS effluent present in the tanks. The industry has not made any alternative arrangements for disposal of effluent. The industry has provided electronic flow meter at FE feed, provided with web camera and connected to CPCB /APPCB website. There is no separate energy meter provided to FE system. The industry is having two stage scrubber but not yet connected to production blocks and therefore no system for control of process emissions. Before restarting the operations, the industry disposed 17310 kgs of organic waste to Zuvari Cement Ltd., on 22.05.2017. Since then no hazardous waste was disposed. As per the records, it is observed that about 650 lts of organic residue, 650 kgs of spent carbon and 7150 kgs of inorganic waste is stored onsite which was generated from July’ 2017. The said hazardous waste is kept storage in closed room. As per the investigation report of the Circle Inspector of Police, Yadagirigutta vide dt. 16.12.2017, as communicated by TSPCB, with regard to M/s.KMTK Laboratories, it was stated that “in the 3rd week of August 2017, A-13 N. Venkateswarra Rao, Store in charge of KMTK Laboratories Pvt. Ltds., Ibrahimpatnam, Vijayawada allowed the A-1 Annem Narsi Reddy, A-4 Nakka Ram Babu and A-5 Kunti @ Gongalreddy Venkata reddy to transport the (55) wastage chemical drums vide Cr.No.45/2017 U/S 336, 278 IPC of Gundala PS.“

Recommendations:
After detailed review, the Committee recommended to direct the RO, Vijayawada to inspect the industry once again to verify the issue of illegal handling & disposal of Hazardous Waste and furnish a detailed inspection report within one month.

The representatives of the stone crusher attended the legal hearing. The Committee noted that the Zonal Office, Vijayawada has issued stop production order to the stone crusher on 10.05.2018 for operating without adequate air pollution control measures and causing air pollution problems in the surrounding area. The committee also noted the status of compliance of the Board directions. The EE, RO, Guntur has informed that the stone crusher has obtained CFO order of the Board and provided cladding to the crusher. The stone crusher provided 8 Nos of water guns around the stone crusher, automatic water sprinklers provided at dumper unloading area and sprinklers at jaw crushers. Green belt developed along the approach road with about 200 Nos. of trees. About 200 Nos. of sapling planted around the stone crusher. It was also further informed that they have provided 30 no.s of small water sprinklers on the saplings and provided drip irrigation pipelines for this saplings.
The representative of the stone crusher informed that they provided water sprinkling systems to control fugitive dust emissions. He informed that Fabric cloth cladding provided to the conveyor belts. They provided bitumen top roads within premises and approach road. Hence requested to consider and issue revocation of closure order, as they have compiled many of the directions issued by the Board.

Recommendations:
After detailed review, the Committee recommended to issue revocation of stop production order with the following directions to stone crusher:

1. The Stone Crusher shall continuously operate the air pollution control equipment so as to achieve the standard of 600 μg/m³ for SPM measured at a distance of 3 to 10 mtrs.
2. The stone crusher shall continuous operate water sprinkling systems and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
3. The stone crusher shall carryout regular cleaning and wetting of the ground to prevent the dust spreading to the surrounding areas.
4. The Stone Crusher shall spray water during loading and unloading of finished material and dust.
5. The Stone Crusher shall ensure continuous compliance of the conditions stipulated in CFO order issued by the Board.

18. Tenali Municipal Slaughter House (Kabela), Islampet, Tenali, Guntur District.

The representatives of the industry attended the legal hearing. The Committee noted that the Zonal Office, Vijayawada has issued closure order to Tenali Municipal Slaughter House (Kabela) for operating without valid CFO order of the Board and not providing ETP and discharging untreated wastewater into municipal drain thereby causing surface and ground water pollution in the area. The committee noted the status of non-compliance of Board directions and consent conditions. The representative of Municipality Slaughter House requested for 6 months time to construct ETP and to apply for CFO of the Board. He stated that agreement was made with CBMWTF i.e., M/s. Safenviron., Guntur District for disposal of solid waste generated from the slaughter house.

Further, reported that the Tenali Municipality has recently constructed Fecal Sludge Treatment Plant (FSTP) of 20 KL capacity of MS unit at MSWM Park, Tenali, where the demand of the ULB is 12 -14 KLD only & the remaining gap will be used for treatment of waste water of the slaughter house. It is proposed to transport the waste water of the slaughter through tanker to FSTP, till ETP with all the infrastructure is constructed at slaughter house.

Recommendations:
After detailed review the committee recommended to issue Temporary Revocation Of Closure Order for period of six months with the following directions:

1. The Municipal Slaughter House shall immediately obtain CFO order of the Board before commencement of the activity.
2. The Municipal Slaughter House shall construct Effluent Treatment Plant within 6 months and till ETP is constructed, effluents shall be transported and treated to Fecal Sludge Treatment Plant (FSTP) and shall maintain manifest copies.
3. The Municipal Slaughter House shall dispose solid waste to M/s. Safenviron., Guntur District.
5. The Municipal Slaughter House shall not discharge any effluent into municipal drains.
6. The Municipal Slaughter House shall dispose off Effluents and solid waste on daily basis.
7. The Municipality Slaughter House shall not cause any odour nuisance to the surroundings due to slaughter house operation.
8. The operator shall ensure that the slaughtering timing i.e., 4:30 AM to 7:30 AM is maintained strictly.
9. The operator of the slaughter house shall maintain good housekeeping at the premises.
10. The Municipal Slaughter House shall report implementation progress on the above for every 2 months.

MEMBER SECRETARY