31/07/2017

Minutes of External Advisory Committee (Task Force) meeting held on 07.07.2017.

All ZONES

1. Health Care Establishment (13 No.s), Visakhapatnam Zone.

The representatives of the HCFs (10 No.s) attended the legal hearing. 3 No.s of HCFs namely (1) M/s. Government General Hospital, Kakinada, East Godavari District, (2) M/s. Queens NRI Hospital, Seethammadhara, Visakhapatnam District and (3) M/s. District Head Quarter Hospital, Eluru, West Godavari District were absent. The committee noted that the 10 HCFs have obtained CFO, HWA and BMWA from the Board, out of the above 4 HCFs are having valid CFO, HWA & BWMA. The validity of Consent of the remaining 6 HCFs has expired. Further the committee noted that 13 HCFs were inspected by the Board officials on 07.03.2017 and observed the following non-compliance-

1. Segregation of Bio-medical waste at source is being followed by some of HCFs partially and not followed completely in the case of all the HCFs.
2. Needle/syringe destroyers are provided but observed to be not in use.
3. The Needles and syringes are being disposed directly without shredding and mutilation.
4. Some of the HCFs provided separate Bio medical waste storage room but separate chambers as per colour coding was not provided. Poor housekeeping was observed at the common waste storage room. Some of the HCFs are yet to provide separate Bio medical waste storage room.
5. In the case of multi specialty HCFs, adequate number of puncture proof containers with disinfection solution are not provided in the wards and other places for disposal of waste sharps.
6. Some of the HCFs are burning the general waste (black coloured bags) in the premises. It was also observed that some of the BMW was also mixed in the general waste.
7. Housekeeping at the common waste storage area of the HCFs was very poor.
8. Some of the HCFs have provided STP for the treatment of aqueous waste generated, but not operating continuously to treat the effluent generated and some of the HCFs yet to provide STPs for the treatment of aqueous waste generated
9. All the HCFs are not following the BMW handling procedures
prescribed in the rules completely and several violations were observed, thereby causing pollution to the surrounding areas.

10. The staff nurses are having very poor knowledge on biomedical waste management.

11. No records of biomedical waste generation and disposal are made available during inspection in most of the cases.

12. The housekeeping of the HCF was moderate and very poor in some cases.

After discussions the Committee recommended that directions shall be issued to the HCFs for proper management & safe disposal of Bio Medical Waste in accordance with Schedule-I, and operation of ETP continuously to treat the wastewater so as to meet prescribed standards in compliance with the standards for liquid waste prescribed in Schedule-II of the Bio-Medical Waste Management Rules, 2016. The committee noted that the Hon’ble Supreme Court of India in W.P 375 of 2012 directions dt.22.02.2017 regarding the establishment and operation of Effluent Treatment Plants to treat the effluent/sewage so as to meet the prescribed standards by 21.05.2017.

**Recommendations:**

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

The Committee has reviewed individual status of the following 10 No. of HCFs and recommended to delegate the ZO, Visakhapatnam to issue directions to 10 No. of HCFs as per minutes of Zonal Office External Advisory Committee Meeting held on 27.04.2017 at Zonal Office, Visakhapatnam for proper management & safe disposal of Bio Medical Waste in accordance with Schedule-I, and operation of ETP continuously.

1. M/s. Hope International Hospital (A Unit of Palparthi Super Speciality Hospital Private Limited), A.D.B. Road, Panasapadu(v), Kakinada, East Godavari District.
2. M/s. Government District Head Quarters Hospital(APVVP), Vizianagaram.
3. M/s. KIMS Sai Seshadri Hospital(A unit of Arunodaya Hospitals Pvt. Limited), New Bridge Road, Near Datta Temple, P.N. Colony Junction, Srikakulam.
4. M/s. King George Hospital, Maharanipeta, Visakhapatnam.
5. M/s. Anil Neerukonda Institute of Medical Sciences (Formerly NRI General Hospital), Sangivalasa, Bheemunipatnam, Visakhapatnam district.
6. M/s. Gayatri Vidyaparishad Institute of Health care & Medical
Technology, #6-25, Mariid Valley, Marikavala, Madhurawada, Visakhapatnam district.
8. M/s. Icon Krishi Trust Hospitals, Sheelanagar, Visakhapatnam district

10. M/s. Alluri Sita Rama Raju Academy of Medical Sciences, Malkapuram, Eluru, West Godavari District.

Further, the Committee recommended to initiate prosecution against the following 3 HCFs by the ZO, Visakhapatnam duly following the procedure for non-compliance of the Board directions, for not following the BMW handling procedures prescribed in the rules and causing pollution to the surrounding areas thereby endangering public health and protection of environment.

1. M/s. Queens NRI Hospital, Gurudwara lane, Seethammadhara, Visakhapatnam district.

2. M/s. Shivtek Industries Private Ltd (Unit-II), Sy.No.62-A, Gondiparla (V), Kurnool District.

The representatives of the industry attended the legal hearing. The Committee noted that the Board has issued closure order to the industry on 05.11.2017 for not implemented adequate safety measures and not taken any steps to bring down the emission/discharges to the prescribed standards.

The representative of the industry informed that the waste water has been neutralized with active help from Sree Rayalseema Alkalis and Allied Chemicals Ltd., Kurnool upto satisfaction of M/s. Sree Rayalseema High Strength Hypo Limited. The waste water was treated with lime and oil was soaked through activated carbon and no flow was allowed to downstream including River Tungabhadra. The representative of the industry requested to re-store the power supply for re-installation of pollution control equipments & re-commissioning will be done after applying for consent for operation.

Recommendations:
The Committee after detailed discussions, recommended to issue the revocation of closure to use the power supply only for re-installation of pollution control equipments and not use for production activity with following directions:

1. The industry shall use the power supply for re-installation of pollution control equipments only and not use for production activity.
2. The industry shall re-commission the plant only after Consent for Operation is obtained from the Board as per the commitment of the industry vide letter dt.04.07.2017.
3. The industry shall obtain all the permissions from state Government and Central Government as whatever required before re-commission of the plant.
4. The industry shall apply for Consent for Operation of Board after rectification of pollution control equipments and shall ensure compliance of prescribed emission and discharge standards during operational phase.

The Committee also recommended to direct the EE, RO, Kurnool to inspect the industry upon receipt of communication on re-installation of pollution control equipment and to monitor compliance of above directions.

3. M/s VBC Industries Ltd, (Formerly known as M/s Bharat Alloys & Energy Limited), Dinnedevarapadu (V), Kurnool Mandal, Kurnool District.

The representatives of the industry attended the legal hearing. The committee noted that the industry is not complied most of directions issued by Board and non-compliance of CFO conditions. The committee also noted that the industry has not disconnected the bypass arrangement, not provided the storage sheds, not provided the water sprinklers and not laid concrete asphalted roads.

The EE, RO, Kurnool has informed that during the inspection it was observed that the industry is discharging thick white fumes through stack and not disconnected the bypass arrangement. It was further informed that the industry has not provided flow meters for assessing the actual water consumption for various purposes. It was also informed that the industry has not provided inter-locating system between Air Pollution Control Equipment and the sub merged arc furnace i.e. fuel feeding to the furnace.

The representative of the industry informed that they have provided
the interlocking system. They will provide continuous online stack emission monitoring system and connect the same to CPCB/APPCCB website within one month. They provided the flow meters for assessing the water consumption. It was requested that they will comply the all directions issued by the Board within one month.

The Committee recommended to instruct the management of the industry to disconnect the bypass arrangement immediately and shall route all air emissions through air pollution control equipment only. The Committee recommended to obtain Bank Guarantee for Rs. 2 Lakhs towards commitment of the industry to comply with Board directions to control pollution during operational phase of the industry.

**Recommendations:**

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

1. The industry shall immediately disconnect by-pass arrangement for vent emissions from sub merged arc furnace and shall report compliance to RO, Kurnool within 15 days.
2. The industry shall upgrade the existing Air Pollution Control Equipment within one month to comply with prescribed emissions standards. The details of the up-gradation and implementation progress shall be reported to Zonal Office, Kurnool and Ro, Kurnool through e-mail.
3. The industry shall provide roof extraction system connected to Air Pollution Control Equipment to control the emissions generated at process area within one month
4. The industry shall submit the Bank Guarantee for Rs.2.0 Lakhs towards compliance of Board directions vide order dt.02.04.2017.
5. The industry shall comply all the directions issued by the Board vide order dt. 02.04.2017.
6. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order dt.14.03.2017.

4. **M/s.Capricorn Food Products India Limited, (Unit - I & Unit - II) Palagunta (V), Satyavedu (M), Chittoor District.**

The representatives of the industry attended the legal hearing. The committee noted discharge of trade effluents and dumping of solid waste by the industry on open land and into open channel of Pondavakam (V), Gummidipoondi Taluk, Tiruvallur District, Tamilnadu. The Committee also noted that the industry has not complied with most of the directions issued the Board. The Committee observed that the industry is operating without valid
CFO of the Board, the existing ETP is not adequate and not meeting the discharge standards.

The EE, RO, Tirupati has informed that at the time of inspection, the industry bypassing the effluent without treatment into unlined lagoons located adjacent to ETP and also discharging the partially treated effluents into another unlined lagoon located in the mango garden. The industry has not installed flow meters and separate energy meters. It was informed that the industry is operating the 12 TPH Boiler without valid CFO. It was also informed that the industry has dumped huge quantity of plastic waste in open area near the mango garden.

The representative of the industry informed that they have done the ETP preliminary study with the technical experts by collection of samples on the each stage of ETP and found the gap. Based on the evaluation study, they are planning to install UASB along with other modifications to meet effluent discharge standards. It was also informed that they will install electromagnetic flow meter with data logging system at inlet and outlet of ETP by 20.07.2017. It was further informed that they will store the solid waste generated from the process in the closed area and same will be disposed to cement units as well as utilizing in the Boiler.

**Recommendations:**

After detailed review the Committee recommended to forfeit the Bank Guarantee of Rs. One Lakh immediately. Further, the Committee recommended to issue stop production order to processing unit only with the following reasons:-

1. The industry is operating without valid CFO of the Board.
2. The existing ETP is not adequate and not meeting the discharge standards. The final outlet of ETP is having a BOD of 825 mg/l (Standard – 30 mg/l) and COD of 2864 mg/l (Standard – 250 mg/l).
3. The industry has not installed separate energy meters to the ETP.
4. The industry bypassing the effluent without treatment into unlined lagoons located adjacent to ETP and also discharging the partially treated effluents into another unlined lagoon located in the mango garden.
5. The industry operating the 12 TPH boiler without valid CFO.
6. The industry dumped huge quantity of plastic waste in open area near the mango garden.
7. The industry disposing the mango seeds and peels in open areas unscientifically. The leachate from the dump yard is
having a very high TDS, COD & BOD.
8. The industry has not complied with the directions issued by
the Board order dt. 03.10.2016.

It is recommended to direct the EE, RO, Tirupati to forfeit the Bank
Guarantee of Rs. One Lakh immediately.

BANDLA SIVA SANKARA PRASAD