MINUTES OF THE CFO COMMITTEE MEETING HELD ON 17.02.2017

At APPCB, Pushpa Hotel Centre, Behind Sunrise Hospitals,
Kasturibaipet, VIJAYAWADA

The following were present:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Member</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Sri. B.S.S. Prasad, IFS, Member Secretary, A.P. Pollution Control Board, Hyderabad.</td>
<td>[Signature] Chairman</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. A.V.V.S. Swamy, Head, Department of Environmental Sciences, Acharya Nagarjuna University, Guntur.</td>
<td>[Signature] Member</td>
</tr>
</tbody>
</table>
1. M/s. Essar Steel India Ltd., Near Flyover, Scindia Road, Visakhapatnam

M/s. Essar Steel India Ltd., is an Iron Ore Pelletisation unit and obtained CFO of the Board vide order dated 07.03.2014 to manufacture Iron Oxide Pellets (Pelletisation Plant - I) - 10,000 TPD; Iron Oxide Pellets (Pelletisation Plant - II) - 12,333 TPD along with captive power of capacity 25 MW. The CFO was expired on 31.12.2016. The industry representatives attended the meeting and informed that Low Sulphur fuel oil is becoming difficult due to varying input crude oil being processed at Vizag HPCL oil refinery, wherein HPCL is able to supply LSHS with Sulphur upto 0.8% Max. Further as an alternative, the industry is taking all necessary steps within our purview of securing the natural gas allocation for our plant operations. We are constantly in touch with GAIL and other players for the supply of natural gas / LNG in future. We have been making requests of Ministry of Petroleum and Natural gas & Ministry of Steel for the supply of Natural Gas / CNG, recently, signed an MOU with M/s. GAIL (India) Limited for the supply of RLNG (Regassified Liquefied Natural Gas) on 07.10.2016 which is expected to commission during the end of 2018. The industry further informed that sourcing of LSHS from HPCL will become difficult due to their processing constraints to supply LSHS with 0.4% sulphur and requested to consider, the furnace Oil with LSHS with a Sulphur content of 1.5 % Max duly enclosing the copy of letter issued by M/s. HPCL in this regard and further requested that the condition no.8 of Schedule ‘B’ of CFO order dated 07.03.2014 may be exempted as the industry has already installed and commissioned 2 CAAQMs.

Recommendations:
After detailed discussions on the report of the EE, RO: Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO & HWA Order for a period upto 31.12.2019 with the following conditions:

1. The industry shall restrict the coal stack piles height up to 6 m only.
2. The industry shall submit action plan for providing wind breaking wall on two sides at the raw material storage areas at Bentonite and Lime storage area to a height of 2 meters more than the stacking heights.
3. The industry shall submit action plan for the fugitive emissions that are generating at conveyor transfer points and junctions.
4. The industry shall submit action plan for lowering the existing conveyor (pellets) to the ground level for the minimizations of the fugitive emissions.
5. The industry shall submit the efficiency of the ESP’s provided or the PP-1 and PP-2 once in 6 months to the Board.
6. The industry shall improve the house keeping at the pellets conveyor junction points and shall not store openly any dry iron ore fines in that area.

2. M/s. Laxme Saai Steel Pvt Ltd., (Formerly A.S.V. Ferro Alloys Private Limited), Penubarthi (Village), Gurla (Mandal), Vizianagaram District.

M/s. Laxme Saai Steel Pvt Ltd., (Formerly A.S.V. Ferro Alloys Private Limited) is a Ferro Alloy manufacturing unit and obtained CFO of the Board vide order dated 16.05.2015 to manufacture Silico Manganese - 9,075 TPA (Or) Ferro Silica - 6,262 TPA. The CFO was expired on 31.01.2016. The industry has 50 tonnes of slag is stored at the site.

Recommendations:
After detailed discussions on the report of the EE, RO: Vizianagaram and the agenda, the Committee recommended to issue renewal of CFO & HWA Order for a period upto 31.01.2018 after the industry submit the commitment letter duly mentioning the time period to comply with the conditions mentioned below within one week:

a) The industry shall ensure proper solid waste management plan to dispose the solid waste generated approximately 1:1 ratio.
b) The industry shall provide continuous ambient air quality monitoring station as per the Environmental Clearance order condition.
c) The industry shall provide data logger enabled damper to the natural draft chimneys connected to the furnaces to record the bypassing timings and duration or permanently close the damper.

MEMBER SECRETARY
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M/s. Angels Pharma India Private Limited (formerly M/s. Anu’s Laboratories Ltd.) is a Bulk drug manufacturing industry and obtained CFO of the Board vide order dated 24.09.2011 to manufacture 12 products with a maximum production quantity of 5300 kgs/day in the name of M/s. Anu’s Laboratories Ltd. The CFO was expired on 30.04.2012. The representatives of the industry attended the meeting and informed that the industry became Sick and is not in operation since January, 2012 due to lack of raw material & power holidays and further stated that the Industry was taken over by new management i.e. M/s. Angels Pharma India Private Limited and applied for CFO renewal through Single Window Portal. The Central Pollution Control Board vide letter dated 18.03.2016 issued closure order to the industry as the Industry has not installed online effluent monitoring system. The industry stated that they have installed web camera and IP address communicated to CPCB, they further requested the Chairman, CPCB vide letter dated 24.12.2016 for revocation of closure order as the Industry already installed web camera. About 20 Tons of Hazardous waste is stored in the storage sheds underneath of effluent storage tanks.

Recommendations:

After detailed discussions on the report of the EE, RO : Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO & HWA Order for a period upto 31.01.2022 after submission of commitment letter duly mentioning the time period to comply with the below mentioned item wise non-compliances:

1. The industry shall obtain revocation of closure order from the CPCB.
2. The industry shall apply CFE amendment for 5 TPH Boiler.
3. The industry shall not manufacture new products without CFE/CFO of the Board.
4. The industry shall install double stage scrubber with pH meter within one month.
5. The industry shall install VOC analyser with recording facility at all the strategic locations within one month.
6. The industry shall install scrubbers to the production block within one month.
7. The industry shall provide online pH meter to the scrubber within one month.
8. The industry shall obtain public liability insurance including environment relief fund.
9. The industry shall develop 33% of green belt.
10. The industry shall dispose spent solvent / mixed spent solvents to the AP PCB authorized agencies.
11. The industry shall dispose the Hazardous waste existing in the premises within one month.
12. The industry shall obtain the Certificate of Incorporation from the Registrar of Companies, Ministry of Corporate Affairs, Government of India for change of name from M/s. Anu’s Laboratories Ltd to M/s. Angels Pharma India Private Limited.


M/s. Sri Vyjayanthi Labs Private Limited is a Bulk drug manufacturing industry and obtained CFO of the Board vide order dated 04.03.2016 to manufacture 40 products on campaign basis i.e., any one product from Group -A and any four products from Group-B at a time with a maximum production capacity of 1476.67 Kg/day. The CFO was expired on 31.01.2017. The representatives of the industry attended the meeting and informed that the industry applied CFO (Renewal) for a period upto 31.01.2022 also informed that they have applied for CFE (Change of Product Mix).

Recommendations:

After detailed discussions on the report of the EE, RO : Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO & HWA Order duly incorporating the CFE (Change of Product Mix) for a period upto 31.01.2022 subject to submission of action plan for providing ground collection tanks for collection of effluents from production blocks and with the following conditions:

1. The industry shall not manufacture any new products.
2. The industry shall segregate effluents into HTDS & LTDS.
3. The industry shall provide permanent transfer lines from collection tanks to effluent storage tanks to avoid the leakages.
4. The industry shall provide continues pumping arrangement at storm water sump.
5. The industry shall construct shed for storage of Coal.

MEMBER SECRETARY

M/s. Kanoria Chemicals & Industries Ltd., is a chemical unit and obtained CFO of the Board vide order dated 24.06.2015 to manufacture Formaldehyde (37%) - 300.00 TPD & Hexamine - 16 TPD. The CFO is valid up to 28.02.2017. Further, the industry has obtained CFE amendment vide order dated 11.08.2016 for inclusion of packing of products. The representatives of the industry attended the meeting and informed that the industry applied CFO (Renewal) for a period upto 28.02.2022 including packing of products. The industry further requested to consider the following quantities of hazardous waste:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Solid / Hazardous Waste</th>
<th>Consented quantity</th>
<th>Requested quantity</th>
<th>Disposal options</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>ETP Sludge</td>
<td>15 Kg/day</td>
<td>20 Kg/day</td>
<td>To TSDF, Parawada, Visakhapatnam for secured land fill.</td>
</tr>
<tr>
<td>2.</td>
<td>Herbal solid waste</td>
<td>12 Kg/day</td>
<td>120 Kg/day</td>
<td>To TSDF, Parawada, Visakhapatnam for secured land fill.</td>
</tr>
</tbody>
</table>

Recommendations :
After detailed discussions on the report of the EE, RO : Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO & HWA Order for a period upto 31.12.2021 after submission of commitment letter duly mentioning the time period to comply with the below mentioned item wise non-compliances:

1. The industry shall immediately install on line real time monitoring (web camera) facilities as per CPCB guidelines.
2. The industry shall provide online pH measuring facility of the scrubber.
3. The industry shall not manufacture new products without CFE /CFO of the Board.
4. The industry shall regularly dispose hazardous waste to TSDF/ Cement industries for co-incineration.
5. The industry shall develop 33% of green belt of total area.

6. M/s. NCS Sugars Limited, Latchayyapeta (Village), Seethanagaram (Mandal), Vizianagaram District.

M/s. NCS Sugars Limited is a Sugar & Co-Generation Power industry and obtained CFO of the Board vide order dated 23.04.2016 to produce Sugar: 540 TDP; By Products- Molasses: 245 TPD; Press Mud: 147 TPD and Bagasse: 1630 TPD and Co-Generation Power plant of 20 MW Capacity. The CFO was expired on 30.11.2016. The industry has not established Ambient Air Quality station in the plant and in the village to measure SPm, RSPm and noise levels. The representatives of the industry attended the meeting and informed that the industry applied CFO (Renewal) for a period upto 30.11.2019, further informed that are pursuing with the suppliers for purchase of Online effluent Monitoring System, for the

Recommendations :
After detailed discussions on the report of the EE, RO : Vizianagaram and the agenda, the Committee recommended to issue renewal of CFO & HWA Order for a period upto 30.11.2019 after submission of commitment letter duly mentioning the time period to comply with the below mentioned item wise non-compliances:

1. The industry shall establish Ambient Air Quality station in the plant and in the village to measure SPm, RSPm and noise levels and shall submit reports to the Zonal Office, Vizag and Regional Office, Vizianagaram.
2. The industry shall regularly monitor ground water & noise levels in the near by villages such as Kintalavanipeta and Latchayyapeta and shall submit reports to the Zonal Office, Vizag and Regional Office, Vizianagaram.
3. The industry shall provide dry ash collection system. All provisions stipulated by the MoEF&CC, GOI for disposal of fly ash shall be followed.
4. Ash shall not be stored openly so that it becomes air borne and causes nuisance.
5. The industry shall provide Online Monitoring System for the effluent.


M/s. Hindustan Petroleum Corporation Ltd., (Visakha, Vijayawada & Secunderabad pipeline) is an Oil and Gas transport pipeline with 573 Kms from Visakhapatnam to Secunderabad. The Board issued CFO order to the industry on 29.04.2014 for pumping of Petroleum Products through underground pipeline of 573 Kms from Visakhapatnam to Secunderabad which is valid upto 31.01.2017. Now the facility applied for CFO (renewal) for pumping of Petroleum products @ 5.30 MMTPA through a pipeline of 389 Km in the state of Andhra Pradesh only.

MEMBER SECRETARY
8. M/s. Steel Exchange India Limited, Malliveedu & Seerampuram Villages, L. Kota Mandal, Vizianagaram District.

M/s. Steel Exchange India Limited is an integrated steel plant with its units of Sponge iron unit located in 60 acres, SMS, Rolling mill & Coal gasifier and Power Plant in the name of M/s. Simhadri Power Limited. The industry obtained CFE vide order dated 27.08.2016 for installation of 2x25 Tons of Induction furnaces in place of 1x40 Ton Electric Arc Furnace with addition of LD convertor and ladle refining furnace in the downstream of Induction furnace for refining of 2,50,000 TPA of liquid metal for casting quality steel billets, addition of block mill in the downstream of rolling mill to produce rolling products below 8 mm without increasing the overall rolling capacity of 2,50,000 TPA without enhancement of overall production and pollution load. The issue was placed in the CFO Committee meeting held on 07.01.2017, the Committee recommended to obtain detailed report on the request of the industry i.e. exemption from constructing Sewage Treatment Plant for treatment of the waste water and after receipt of the detailed report. The RO, Vizianagaram inspected the unit and submitted a detailed report. The total employees working in the industry are about 860 and the effluent generation is around 43.15 KLD including the power project. The industry has provided 15 Nos. of septic tanks to take care of the effluents generated at different sections. These septic tanks are located minimum of 100 mts distances between the tanks and the maximum is 800 mts. The waste water is staggered and the waste water generation from each section is less than 10 KL. The concrete roads and the electrical lines located in between the septic tanks and all the outlets of the septic tanks practically cannot be stay wad as there is no outflow observed from these tanks. Owing these units location in an extent of 190 acres. The RO, Vizianagaram stated that, in view of the practical constraints, the industry’s representation of exemption of providing common STP to the domestic waste waters may be considered.

Recommendations:

After detailed discussions on the report submitted by the EE, RO : Vizianagaram the Committee the total employees working in the industry are about 860 and the effluent generation is around 43.15 KLD including the power project. The industry has provided 15 Nos. of septic tanks to take care of the effluents generated at different sections. These septic tanks are located minimum of 100 mts distances between the tanks and the maximum is 800 mts and there is no outflow observed from these tanks. Owing these units location in an extent of 190 acres. The Member Secretary requested the CFO committee members Prof. J. R. Karthikeyan and Prof. G.V.R. Srinivasa Rao shall visit the industry and submit a detailed report with regard to the Sewage Treatment Plant (STP).

9. M/s. Great Eastern Medical School & Hospital, Ragolu (Village), Srikakulam (Mandal) & District.

M/s. Great Eastern Medical School & Hospital is a Health Care Facility (HCF) with a bed strength of 500 Nos. The HCF submitted the CFO applications on 19/10/2012 & 10/01/2013 and same were returned on 30/03/2013 for not having Environmental Clearance. Further, the HCF obtained EC from SEIAA vide order No. SEIAA/AP/5KM-270/2015, dated 08/02/2016 from SEIAA, AP, Hyderabad. The HCF obtained BMW authorization vide order dated 18.06.2015 which was valid upto 31.03.2016 for a bed strength of 500 Nos and now the HCF applied for CFO & BMW authorization for a period upto 31.01.2019. The HCF has constructed the STP of capacity 300 KLD for treating the waste water generated. The HCF is planning to construct one more STP of 300 KLD capacity.

Recommendations:

After detailed discussions on the report of the EE, RO : Vizianagaram and the agenda, the Committee recommended to issue renewal of CFO, HW & BMW Authorization Order for a period upto 31.01.2019.
10. M/s. Glochem Industries Ltd., Plot No: 77, JN Pharmacity, Thanam (Village), Parawada (Mandal), Visakhapatnam District.

M/s. Glochem Industries Ltd. is a bulk drug manufacturing unit and obtained CFO of the Board vide Order 01.10.2016 in the name and style of M/s. Glochem Industries Ltd., with a validity period upto 31.12.2017. The industry vide letter dt. 21.01.2017 requested the Board for name change i.e. from M/s. Glochem Industries Ltd., to M/s. Torrent Pharmaceuticals Ltd., and submitted Sale Deed, Certificate obtained from Boilers Department, Government of A.P., License obtained from Inspector of Factories towards name change.

The industry has not submitted the Register of Company Certificate (ROC) for change of name. The industry informed that ROC may not be issued for change of name as the M/s. Glochem has one more unit in Telangana State and they have sold the unit located in the state of Andhra Pradesh. Also informed that the name change was issued by Boilers Department, Government of A.P., License obtained from Inspector of Factories.

Recommendations:

After detailed discussions on the request of the industry, the Committee recommended that the industry shall obtain the Certificate of Incorporation from the Registrar of Companies, Ministry of Corporate Affairs, Government of India and the same shall be issued as an amendment.

11 M/s. Rashtriya Ispat Nigam Ltd., (Visakhapatnam Steel Plant), Kurmanapalem, Visakhapatnam District

M/s. Rashtriya Ispat Nigam Ltd., (Captive Power Plant) is Power generation using WHRB in the existing Integrated Steel Plant. The Board issued CFO order to the industry on 18.03.2016 for production of electricity through waste gases and is valid upto 31.12.2016. Not yet installed online-stack analyzer for measuring SPM, NOx & SOx emissions in the flue gases. Not provided specific water meters for quantitative of water consumption. The industry submitted time bound action plan vide letter dated 18.01.2017 for upgradation of air pollution control equipments at TPP and SMS -1 plant. The representatives of the industry attended the meeting and informed that the industry applied CFO (Renewal) for a period upto 30.04.2019 as M/s. RINL is already having valid CFO & HWA of the Board for 315 MW coal based power plant & 69 MW waste gases based power plant including steel products.

Recommendations:

After detailed discussions on the request of the EE, RO: Visakhapatnam and the agenda, the Committee recommended to issue CFO & HWA Order for a period upto 30.04.2019 for 120 MW Power plant CPP by using Blast Furnace Gas (Waste By-Product Gas generated from operations of Blast furnaces of Steel Plant) with the following conditions:

a) The industry shall immediately commence the WWT plant for recycling of treated effluents in cooling tower make-up.
b) The industry shall provide water meters for specific consumption needs of the power plant.
c) The industry shall provide online-stack analyzer for measuring SPM, NOx & SOx emissions in the flue gases.
d) The industry shall start development of green belt in the vacant spaces of the power plant.

12 M/s. West Quay Multiport Private Limited, for development of WQ-6 berth in the inner harbor of M/s. Visakhapatnam Port Trust, Visakhapatnam District.

M/s. West Quay Multiport Private Limited is involved in Port activity (Cargo handling) operating a WQ-6 berth in the inner harbor of M/s. Visakhapatnam Port Trust. The facility obtained CFO of the Board 18.03.2016 for the following with a valid period upto 31.01.2017:

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<thead>
<tr>
<th>S. No.</th>
<th>Commodity</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>C.P. Coke</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>LAM Coke</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Granite Blocks</td>
<td></td>
</tr>
</tbody>
</table>

6 MMTPA

Further, the facility obtained CFO amendment vide order dated 17.11.2016 for the additional cargos with no increase in quantity:

<table>
<thead>
<tr>
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<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>C.P. Coke</td>
<td></td>
</tr>
</tbody>
</table>
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2) LAM Coke
3) Steel
4) Granite Blocks
5) Pet Coke
6) Granulated Blast Furnace Slag
7) Bagged Fly ash
8) Aggregates in bulk
9) Boulders

The representatives of the industry attended the meeting and informed that the industry applied CFO (Renewal) for a period up to 31.01.2018.

Recommendations:

After detailed discussions on the report of the EE, RO : Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO & HW Authorization Order for a period upto 31.01.2018 with the following conditions:

a. The facility shall immediately dispose cargo loaded from the ships in the berth area either to stacking yard or to the final destination points through trucks with complete covering with Tarpaulin.

b. The facility shall not store coke related cargos more than 6 m height.

c. The facility shall sweep the roads frequently with mobile vacuum sweeping trucks.

d. The facility shall operate MDSS Systems as and when loading and unloading of cargos.

e. The facility shall cover entire stacking with Tarpaulin during its storage in stacking yard.


M/s. Brandix India Apparel City (Pvt) Ltd., is a Common Effluent Treatment Plant with a capacity of 20 MLD & operation of incinerator of capacity of 0.3 TPH based on 16 hours operation, and obtained CFO of the Board vide order dated 05.12.2014. The CFO is valid up to 30.04.2017.

Recommendations:

The Committee deferred the case, as the industry representative has not attended the meeting.


M/s. Pradhama Multispeciality Hospitals & Research Institute Pvt. Ltd., is a Health Care Facility (HCF) with a bed strength of 585 No's. The HCF obtained EC vide order dated 18.10.2012 and further obtained CFE vide order dated 27.09.2013 for a bed strength of 585 Nos. Now, the HCF applied CFO & BMWA first time for a bed strength of 50 Nos only against the total beds strength of 585 nos for a period upto 31.01.2018. The HCF has constructed the STP of capacity 250 KLD and 5 KLD ETP for primary treatment of laundry, waste water and 5 KLD ETP for primary treatment for blood contaminated waste water.

Recommendations:

After detailed discussions on the report of the EE, RO : Visakhapatnam and the agenda, the Committee recommended to issue renewal of CFO, HW & BMW Authorization Order for a period up to 31.01.2018.


M/s. Ramky Pharmacity, J.N. Pharmacity, Parawada, Visakhapatnam District submitted representation for increasing the standard of COD. The EE:RO -Visakhapatnam vide email dt. 17.02.2017 submitted a report on the representation. M/s. Ramky Pharmacity, is established and operating a Common Effluent Treatment Plant at J.N. Pharmacity, Parawada, Visakhapatnam District for treatment of effluent generated by the member industries located in JN Pharmacity, Parawada. The facility has obtained CFO & HW Authorization of the Board vide reference 8th for the following capacities, which is valid up to 31.05.2021. At present 62 bulk drug manufacturing units, 10 non-bulk drug manufacturing units are in operation in Pharmacity, and 16 no. of industries have obtained Consent For Establishment CFE & CFO of the Board. The Board has issued CFES for total 88 no of industries maximum waste water generation is 3248.9 KLD of HTDS and 7759.3 KLD of LTDS. M/s. Ramky Pharmacity (I) Ltd., is catering to the treatment of wastewater generated by these industries. The CETP is receiving 1101 KLD of HTDS & 2801 KLD of LTDS effluent from the member industries which also includes industries located in APJIC - SEZ, Atcutapuram Village against the treatment capacity of 1500 KLD & 3500 KLD respectively. The
High TDS effluent is collected through an underground pipeline from the member industries into a sump. It is treated in API separator, equalization tank, stripper, multiple effective evaporators and spray drier. Three MEEs of 500 KL/day are provided in the CETP for disposal of the HTDS effluent. The concentrate from the MEE is sent to the spray drier. In the spray drier, a scrubber is provided to minimize the salt emissions from the stack.

The MoEF&CC, vide S.O. No.4(e) dated 01 January, 2016 made the following Amendment:

a. Discharge of treated effluent into Sea shall e through proper marine outfall. The existing shore discharges shall be converted to marine outfalls. In cases where the marine outfall provides a minimum initial dilution of 150 times at the point of discharge and a minimum dilution of 1500 times at a point 100 mts away from discharge point, then the State Board may relax the COD limit. “Provided that the maximum permissible value for COD in treated effluent shall be 500 mg/lit.

b. Maximum permissible Fixed Dissolved Solids (FDS) contribution by constituent units of a CETP shall be 1000 mg/lit. In cases where Fixed Dissolved Solids (FDS) the concentration in raw water used by the constituent units is already high (i.e. it is more than 1100 mg/lit), then the maximum permissible value for FDS in treated effluent shall be accordingly modified by the State Board.

c. In case of discharge of treated effluent on land for irrigation. The impact on 011 and groundwater quality shall be monitored twice a year (pre- and post monsoon) by Common Effluent Treatment Plants (CETP) management t. For combined discharge of treated effluent and sewage on land for irrigation the mixing ratio with sewage shall be prescribed by State Board.

The representatives of the M/s. Ramky Pharamacy attended the meeting and informed that the study was conducted with the national Institute of Oceanography (NIO) and submitted a report. The NIO concluded as follows:

“The physico-chemical conditions of the study area around the marine outfall point are normal and the discharge of the treated effluents is causing no impact in the coastal environment”.

The Regional Office, Visakhapatnam is receiving complaints from fisherman community regarding death of fish along the sea coast and also received a letter from the District Administration, Visakhapatnam regarding mass mortality of fish of certain varieties has been occurred in beach and the same confirmed by the fisheries department officials.

Recommendations:

After detailed discussions on the agenda the committee recommended to obtain data pertaining to the CETPs operating in the states of Gujarat, Maharashtra and other states and after receipt of the information the issue shall be further reviewed.


M/s. Virchow Laboratories Ltd., is a bulk drug manufacturing unit. The industry obtained CFO of the Board vide Order 19.04.2015 in the name and of M/s. Virchow Laboratories Limited for manufacturing of Oxalic Acid @ 20 MTPD with 3.5 TPH Oil fired boiler (one Standby) which is valid upto 30.04.2018.

The industry made a representation that they had purchased M/s. Niraj Petrochemicals Ltd., a Sick unit which had 2 nos. of 3.5 TPH oil fired boilers. Since the operation of oil fired boilers is not viable in the present market condition, the industry had dismantled the existing 3.5 TPH oil fired boilers and installed 8.0 TPH coal fired boiler. The industry has obtained CFE (amendment) vide order dated 14.08.2015 towards replacement of 8.0 TPH coal fired boiler in place of earlier 2x3.5 TPH oil fired boilers.

Recommendations:

1. After detailed discussions on the request of the industry, the Committee recommended to issue CFO amendment for order 19.04.2015, duly incorporating the boilers from 3.5 TPH oil fired boilers to 8.0 TPH coal fired boiler; coal ash – 1000 kg/day and wastewater generation as per the CFE order dated 14.08.2015
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**VIJAYAWADA ZONE**

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M/s. Coastal Waste Management Project, Visakhapatnam is involved in TSDF- Storage of hazardous solid waste. The industry earlier obtained CFE of the Board dated 06.07.2016 for Alternative Fuel Raw Material Facility (AFRF). Now the industry applied for Fresh Water and Air Consents and HW Authorization of the Board for a period of five years through single desk portal. The permissible approval date is 27.02.2017.

From the RO report, it is noted that water requirement will be for floor washing and domestic water only and waste water generation will be 5 KLD from floor washings and 5 KLD from detoxification of drums.

The industry representatives attended the meeting and submitted to the Committee that they have tie up with cement plants; GPS installed to all vehicles; online manifest systems will be arranged; they will process all the CPCB permitted wastes.

**Recommendations:**

After detailed discussions on the agenda, RO report and industry submissions, the Committee recommended to issue CFR@HWA of the Board with validity upto 31.12.2021 duly stipulating the following additional conditions along with other conditions.

1. The facility shall provide vehicle tracking system during disposal of hazardous waste alternate fuels to cement units.
2. The facility shall take all necessary steps for prevention of any spillages/Leaching of Hazardous waste from the premises.
3. The facility shall ensure uniform composition of fuels to be sent to cement units for co-processing of permitted wastes. The remaining hazardous wastes / residues which are not suitable for co-processing shall be disposed in incinerator / land till.
4. The facility shall explore the possibility of atomization system for the uniform mixing in the blender from the silos and residue feeder.
5. The facility shall provide storage facilities as per CPCB guidelines for storage of incinerable hazardous wastes. Bottom and drains of storage areas shall be lined with HDPE lining so as to prevent ground water contamination.
6. There shall not be any additional air pollution source in the proposed Alternate Fuel Raw Material facility (AFRF) project.
7. Proponent shall not process odour causing wastes or Mercaptans and shall not cause odour nuisance in the surroundings.
8. The facility shall take all measures to control odour nuisance during blending by installing suitable scrubbers / condensers. The control measure / equipments provided by the industry shall be reported to RO: Visakhapatnam.
9. Use of halogenated hazardous Wastes for making AFRF shall be avoided.
10. The facility shall not accept any Municipal or Bio-medical waste.
11. Waste residue generated from process shall be reused.
12. Proponent shall not carry out any chemical reactions with hazardous wastes.
13. The proponent shall submit the list of member units at regular interval along with details of chemical composition, characterization and quantification of waste received from respective members to the RO: Visakhapatnam.
14. The facility shall check the compatibility of the wastes before blending and shall maintain the records pertaining to compatibility tests. Incompatible wastes shall not be blended together under any circumstances.
15. The proponent shall regularly monitor ground water, ambient air quality and shall submit reports to the RO: Visakhapatnam.
16. The facility shall maintain records of hazardous waste collection, process and transport to cement units.

*Signature*

**MEMBER SECRETARY**
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<td>4.</td>
<td>+ Softener / DM Plant / RO Plant back wash - 3 KLD</td>
<td>3</td>
</tr>
<tr>
<td>5.</td>
<td>Domestic effluents</td>
<td>10</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>58</strong></td>
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M/s. Jain Agro Foods is a Cashew Processing unit to produce cashew kernels - 760 Kg/day in its unit located at R.Sy.No.102/5, Parupaka Gram Panchayat, Koduru Village, Rowthulapudi Mandal, East Godavari District. The industry applied CFO to produce cashew kernels - 760 Kg/day at RO, Kakinada on 26.12.2016 through single desk policy. Further, the RO, Kakinada has forwarded the CFO application to ZO, Visakhapatnam for further processing. The CFO application of the industry has been examined thoroughly at Zonal Office level, the CFO application was rejected for the following reasons:

1. As per the condition No. 02 of CFO order dt.29.04.2015, the industry shall submit an undertaking on Rs.100/- non-judicial stamp paper stating that they would maintain 25mtrs, setback distance from the edge of the Parupaka to Tetagunta Village road to the boundary of the industry towards southern direction by 14.05.2015. Whereas, the industry has not submitted any undertaking, violating the CFO order condition.

2. As per the condition No. 03 of CFO order dt.29.04.2015, the industry shall maintain 25 meters setback distance from the edge of the Parupaka to Tetagunta Village road to the boundary of the industry towards southern direction. Whereas, the industry has not maintained 25mtrs, setback distance from the edge of Parupaka to Tetagunta Village road to the boundary of the industry. The industry made constructions adjacent to Parupaka to Tetagunta Village road leaving only 5mtrs, violating the CFO order condition.

3. As per the condition No. 27 of CFO order dt.29.04.2015, the industry shall not take up trail production without obtaining Consent for Operation (CFO) of the Board. Whereas, the industry started production from 01.05.2015 without obtaining CFO of the Board, violating the CFO order condition and in violation of Section 25/26 of Water (Prevention & Control of Pollution) Act,1974 and Section 21/22 of Air (Prevention & Control of Pollution) Act,1981.

The industry made representation to the Board on 14.02.2017 and stating that they have established Cashew Nut processing unit in boiling system and all erection of machinery was completed in September 2016. They have committed typographical error on commissioning date of the industry i.e., year 2015 instead of 2016 while filing CFO applications. Also stated they are ready shifting their industry if complaints are lodged against their unit. Further, it is submitted that the industry commissioned its operations for processing Cashew Nuts in Boiling system and meeting the Board siting guidelines with respect to habitation.


The representative of the industry attended the meeting and informed that the industry’s land was given for village road development and as such the set back distance could not be met also informed that the water consumption is only 8 litres/day and there is no waste water generation.

**Recommendations**:

The Committee after detailed discussions on the representation of the industry, directed the EE, RO, Kakinada to submit a detailed report on the activity involved in the Cashew Processing duly mentioning the complete technical details pertaining to the water consumption, waste water generation, air pollution and with a note on the impact of the siting guidelines as the erection of the machinery is completed. After receipt of the report from the RO: Kakinada the issue shall be placed in the next meeting for further review.

MEMBER SECRETARY
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<tr>
<th>Case Number</th>
<th>Description</th>
<th>Details</th>
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<tr>
<td>21.</td>
<td>M/s. ONGC (GCS - Odalarevu), Odalarevu (V), Allavaram (M), East Godavari District.</td>
<td>M/s. ONGC (GCS - Odalarevu), is an Onshore Terminal and applied CFO through the scheme of Green Channel (Auto Renewal System). The Board issued CFO to the industry on 29.01.2017 for a period of one year i.e., upto 31.01.2018 and the decision is placed before the CFO committee for ratification. <strong>Recommendations:</strong> The Committee noted and ratified the issue of CFO &amp; HWA.</td>
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<td>22.</td>
<td>M/s. Sarchandra Environ Solutions Private Limited, Sy.No. 23, 26 &amp; 27, Jaggamgaripeta(V), Samalkot(M), East Godavari District.</td>
<td>M/s. Sarchandra Environ Solutions Private Limited is a disposal of treated drill cuttings and applied CFO through the scheme of Green Channel (Auto Renewal System). The Board issued CFO to the industry on 29.01.2017 for a period of five years i.e., upto 31.03.2022 and the decision is placed before the CFO committee for ratification. <strong>Recommendations:</strong> The Committee noted and ratified the issue of CFO &amp; HWA.</td>
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<td>23.</td>
<td>M/s. Sarchandra Environ Solutions Private Limited, Plot No.4B/1, APIIC Industrial Park, Vakalapudi (V), Kakinada (R), East Godavari District.</td>
<td>M/s. Sarchandra Environ Solutions Private Limited, is a Disposal of treated drill cuttings and applied CFO &amp; BMWA through the scheme of Green Channel (Auto Renewal System). The Board issued CFO &amp; BMWA to the facility on 29.01.2017 for a period of five years i.e., upto 31.03.2022 and the decision is placed before the CFO committee for ratification. <strong>Recommendations:</strong> The Committee noted and ratified the issue of CFO &amp; HWA.</td>
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<td>24.</td>
<td>M/s. The KCP Limited (Cement Plant), Sy. No 1040, 1107, 1108/A, B, C, Macherla (V&amp;M), Guntur District - Auto Renewal</td>
<td>M/s. The KCP Limited (Cement Plant) is a Cement Unit and the previous consent is valid upto 31.03.2017. The industry applied for Auto Renewal of CFO &amp; HWA order by paying CFO fee upto 31.03.2022 through Single Desk Portal. The Board issued CFO &amp; HWA order to the industry on 09.02.2017 for a period of Five years i.e., upto 31.03.2022 through the Scheme of Green Channel (Auto Renewal System). <strong>Recommendations:</strong> The Committee noted and ratified the Renewal of CFO &amp; HWA to the industry duly stipulating the conditions.</td>
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<td>25.</td>
<td>M/s. The KCP Limited (Mining Division), Sy. No 673, 675, 676, 689/2-16, Mandadi (V), Veldurthy (M), Guntur District - Auto Renewal</td>
<td>M/s. The KCP Limited (Mining Division) is a Mining Unit and the previous consent is valid upto 31.03.2017. The industry applied for Auto Renewal of CFO &amp; HWA order by paying CFO fee upto 31.03.2022 through Single Desk Portal. The Board issued CFO &amp; HWA order to the industry on 09.02.2017 for a period of Five years i.e., upto 31.03.2022 through the Scheme of Green Channel (Auto Renewal System). <strong>Recommendations:</strong> The Committee noted and ratified the Renewal of CFO &amp; HWA to the industry duly stipulating the conditions.</td>
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17. Proponent shall provide and maintain online manifest system and vehicle tracking system to track collection, transportation of hazardous waste and disposal of hazardous waste alternate fuels to cement units and shall connect the same to website of the Board.

18. The individual industries who have obtained necessary permissions from APPCB can pre-treat the solids waste and sent to cement plants for co-processing directly.

19. Proponent shall ensure that member industries have necessary CFO&HW Authorization for disposal of hazardous waste to the facility of the proponent.

20. The proponent shall ensure that cement plants shall have valid CFO&HWA and valid permissions for co-processing of corresponding wastes.

21. The industry shall ensure that there shall not be any change in the process technology, source of raw material and scope of working without prior approval from the Board.

22. Good House Keeping shall be maintained within the facility premises.

KURNOOL ZONE

19. M/s. VBC Industries Ltd., (Formerly Known as Bharat Alloys & Energy Limited), Dinnedivarapadu (V), Kurnool Mandal, Kurnool district

The industry is a Ferro Alloy producing unit and applied for renewal of CFO&HWA for a period of Two years i.e., upto 30.11.2018. The representative of the industry attended the meeting and informed the committee that they have provided water meters, interlocking system and water sprinklers at the raw material storage areas. The representative also informed that they will provide continuous online stack emission monitoring system for the stack attached to Submerged Arc furnace within one month; closed sheds for storage of raw materials within six months; concrete / asphalt roads within the premises in six months; paid balance Consent fee of Rs.1,85,600/-.

Recommendations:
After detailed discussions, the Committee recommended to issue CFO &HWA order to the industry for a period of two years i.e., upto 30.11.2018 with the following additional conditions:

1. The industry shall provide continuous online stack emission monitoring system for the stack attached to Submerged Arc Furnace within one month as committed by the industry in the CFO committee meeting.

2. The industry shall provide closed sheds for storage of all the raw materials (Charcol, Quartz etc.) within six months as committed by the industry in the CFO committee meeting. There shall not be any open storage of raw materials in the premises.

3. The industry shall maintain adequate dust containment/suppression measures to control fugitive emissions.

4. The industry shall provide roof extraction system connected to air pollution control system to control the emissions generated from furnace within one month.

5. The industry shall regularly operate the water sprinkling system at the raw material storage areas to suppress the silica dust near storage shed.

6. The industry shall concrete or asphalt the internal roads and work area within six months as committed by the industry in the CFO committee meeting to control fugitive emissions.

HWM CASES

20. M/s. Sri Eshwar Rubber Crumbs, plot No.27, IDA, Pydibheemavaram (V), Ranastalam (M), Srikakulam District - Application for Authorization

M/s. Sri Eshwar Rubber Crumbs is involved in the production of Rubber Crumbs. The industry obtained CFE (Expansion) from RO: Vizianagaram on 21.05.2014 to produce Rubber Crumbs - 12000 TPA. The industry earlier obtained CFO from RO: Vizianagaram on 13.08.2015 to produce Rubber Crumbs - 12000 TPA with validity upto 30.04.2018. Now the industry applied for Authorization in FORM - I.

Recommendations:
After detailed discussions on the agenda and the RO report, the Committee recommended that the RO: Vizianagaram may issue the HWA to the industry as per HWM Rules 2016 in FORM-II duly mentioning the conditions with validity upto 30.04.2018.

MEMBER SECRETARY