MINUTES OF THE CFO COMMITTEE MEETING HELD ON 04.10.2019
At APPCB, Head Office, 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, Chairman, A.P. Pollution Control Board, Vijayawada.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Chairman</td>
</tr>
<tr>
<td>2.</td>
<td>Sri. Vivek Yadav, IAS, Member Secretary, A.P. Pollution Control Board, Vijayawada.</td>
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<td></td>
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<td>Member Secretary</td>
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<tr>
<td>3.</td>
<td>Dr. A.V.V.S. Swamy, Department of Environmental Science, Acharya Nagarjuna University, Guntur.</td>
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<td></td>
<td>Member</td>
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<tr>
<td>4.</td>
<td>Prof. J. R. Karthikeyan, College of Engineering, S V University, Tirupathi.</td>
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<td>Member</td>
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<tr>
<td>5.</td>
<td>Prof. G.V.R. Srinivasa Rao, Department of Civil Engineering, AU College of Engineering (A), Andhra University, Visakhapatnam.</td>
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<td></td>
<td>Member</td>
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<tr>
<td>6.</td>
<td>Dr. S. Vidhyadhara, Professor &amp; Principal, Chebrolu Hanumáiah Institute of Pharmaceutical Sciences, Chodavaram, Guntur</td>
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<td></td>
<td>Member</td>
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</table>

The Chairman welcomed the members of the CFO Committee and after introductory remarks on the items placed before the CFO Committee, the Committee took up items agenda-wise. The decisions of the CFO Committee on each case are recorded below.

The Board vide order dated 20.11.2015 issued CFO & HWA Order for Chloro alkali plant for a period upto 30.11.2019 and CFO renewal through auto renewal vide order dt.14.08.2019 which is valid up to 30.11.2024. Further, the Board vide order dated 24.07.2019 issued CFE for expansion of Chloro alkali plant to manufacture Caustic soda lye of 660 TPD & Caustic soda flakes of 280 TPD and inclusion of synthetic organic chemicals with an additional investment of Rs. 800 crores.

The industry obtained EC from MoEF&CC vide order dt.13-08-2019 for expansion of Chloro alkali plant (caustic soda from 400 TPD to 800 TPD using Membrane Cell Technology) and setting up synthetic organic chemicals manufacturing @ 167 TPD in the existing area of 320 acres with an estimated expansion project cost of Rs.800 crores.

The industry vide lr.dt.26-08-2019 requested to issue amendment for CFE (expansion) order issued vide order dt.24-07-2019 in respect of Caustic soda and liquid chlorine production. The amendment is sought to mention caustic soda production @ 800 TPD in place of “Caustic soda lye of 660 TPD and Caustic soda flakes of 280 TPD”, as they propose to manufacture caustic soda @ 800 TPD in which part of the product would be converted into caustic soda flakes. In the EC Order issued vide order dt.13-08-2019, the production of caustic soda was mentioned as 800 TPD and caustic soda flakes as 280 TPD. Further they requested for amendment order in the CFE(exp) order issued in the production of Liquid chlorine as 244 TPD instead of 164 TPD, as issued in the EC order issued as 244 TPD.

Now the industry applied for CFO (Expansion) for enhancement of production of Caustic soda (caustic lye & caustic flakes) from 400 TPD to 500 TPD (Caustic soda lye & caustic soda flakes and proposal is for partial expansion to increase the production capacity of caustic soda by 100 TPD against permitted expansion of 400 TPD.

The Committee noted the following non compliances:

a. The industry has not provided conveying system for sulfur from stock yard to melting area.

b. Housekeeping around salt storage area and sulphur storage area to be improved by avoiding spillages around yard.

c. The industry not constructed STP to treat the domestic waste water

d. The industry is not provided Piezo wells around storage of Sulphur & NaCl and secured land fill and shall carry out monitoring of wells to know the extent of ground water pollution.

e. The Industry not provided rainwater harvesting structures from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.

f. The industry has to calibrate online analyzers periodically.

The representative of the industry attended the meeting and informed that the conveyance system was not provided due to its corrosive nature; housekeeping in the salt handling area will be improved by extensive cleaning; STP will be provided within 6 months; piezo wells will be provided within 3 months; rain water is being utilized & extensive rain water recharge will be practiced; online monitors are being calibrated as per the schedule given by the supplier and now onwards the calibration dates will be communicated to the RO & ZO for presence of APPCB officials.

**Recommendations:**

After detailed discussions on verification report of the EE, RO: Eluru, agenda and
submissions of the representatives of the industry the committee recommended to issue CFO & HWA expansion order to the industry for a period upto 31-08-2024 by stipulating the following conditions:

1. The industry shall submit action plan for providing the conveyance system for the Sulphur stock yard to the melting area within 15 days.

2. The industry shall improve the housekeeping in the plant premises and shall arrest the spillages of the Sulphur and Sodium Chloride.

3. The industry shall provide STP to treat the domestic waste water within 6 months.

4. The industry shall provide Piezo wells around storage of Sulphur, NaCl and secured land fill within 2 months and shall carry out monitoring of these piezo wells on bi-monthly basis.

5. The Industry shall provide rainwater harvesting structures to recharge the rain water from the roof tops of the buildings to recharge ground water.

6. The industry shall calibrate online analyzers periodically and the calibration dates shall be communicated to the RO, Eluru & ZO, Visakhapatnam so as to calibrate the analysers in presence of the APCCB officials.

7. The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.

2. M/s. NACL Industries Limited, Arinama Akkivalasa (V), Etechera (M), Srikakulam District - CFO & HWA for Change of Product Mix (CPM) - Reg.

The Board vide order dated 23.08.2018 issued CFO to the industry for manufacturing 46 products and 13 Nos. of By-Products in five groups which is valid upto 28.02.2021 with a condition that the industry shall manufacture only one of products at any given point time. Further, the Board vide order dated 01.04.2019 issued CFE (Change of Product Mix) for production of 48 Nos. existing 11 Nos. products in 8 groups without increase in Pollution load on campaign basis i.e., the industry shall manufacture only one group of products at any given time. Now, the industry applied CFE (Change of Product Mix) for production as per CFE (CPM).

The Committee noted the following non-compliances:

a. As per the EC order dated 30.07.2007 the industry was permitted draw the total water requirement from Nagavalli River, of 1380 m3/Day. But the industry drawing water from ground water.

b. The industry is required to improve the housekeeping.

c. Slight odour similar to mercaptans was observed near the ETP area and also near the hazardous waste storage area.

d. The industry has to augment their online monitoring facility in line with guidelines issued for online monitoring by MoEF with respect to the positioning of sensors and their connectivity to the CPCB / APCCB website.

The representative of the industry attended the meeting and informed that the Environmental Clearance was obtained from the MoEF&CC with a proposal to draw water from Nagavalli river and to discharge waste water into sea, but now the waste water is being recycled and top-up water is being drawn from the ground; the same was informed to the MoEF&CC, while submitting the 6 monthly compliance reports; housekeeping will be improved by providing the closed conveyance systems for the
major chemicals; slight odour is being generated in the ETP area due to drying of the salt at ATFD; online monitors are being calibrated as per the schedule given by the supplier and now onwards the calibration dates will be communicated to the RO & ZO for presence of APPCB officials.

Recommendations:
After detailed discussions on verification report of the EE, RO: Srikakulam, agenda and submissions of the representatives of the industry, the committee recommended to issue CFO & HWA for Change of Product Mix (CPM) order to the industry for a period upto 28.02.2021, by stipulating the following conditions:

1. The industry shall obtain amendment of the E.C for change drawl water from Nagavli River to Ground Water.

2. The industry shall calibrate the online monitoring systems in the presence of APPCB officials.

3. The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.


The Board vide order dated 27.10.2014 issued CFE in the name of M/s. Posh Chemicals Pvt. Ltd., for 13 products (12 Bulk drugs & 1 Bulk drug intermediate) and proposed to manufacture any 7 products at any point of time with a production quantity of 4623.98 Kg/day. The industry was established in APIIC, Atchuthapuram and not require Environmental Clearance as APIIC has obtained EC. Further, the Board vide order dated 08.05.2018 issued CFO & HWA for 4 No. of products with production capacity of 3583.99 kg/day valid up to 28.02.2020 against the CFE capacity of 4623.98 Kg/day. Now, the industry applied for CFO for total capacity to manufacture 13 no. of products on campaign basis i.e., any 7 products at any point of time with a production quantity of 4623.98 Kg/day through A.P. Industries portal on 04.09.2019.

The Committee noted the following non compliances:

a. The industry is disposing the effluent generated to CETP, JN Pharmacay after neutralization for further treatment as M/s. Atchutapuram Effluent Treatment Ltd (M/s. AETL) is not yet commissioned.

b. The industry has not constructed closed shed for storage of coal.

c. The industry has provided double stage scrubber but not provided with online pH measuring facility with auto recording facility.

d. The industry has not installed hood on the top of the effluent storage tanks.

e. The industry is not maintaining records for water consumption, generation and disposal of LTDS & HTDS effluents, solid wastes, spent solvents, fly ash etc.

f. The industry requested to the Board for extension time to dispose effluents to CETP, Ramky Pharmacay, as APIIC Atchutapuram CETP pipeline is yet to be connected.

The representative of the industry attended the meeting and informed that M/s. AETL completed the construction of ETP but the pipeline laying for a small length is pending, which is expected to be completed shortly; present coal consumption is very low as
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 04.10.2019

commissioned only 1 boiler and shed will be provided before commissioning the
remaining 2 boilers; coal shed will be provided in 3 months; online pH meter with auto
recording facility will be provided within 3 months; hood on the top of the effluent
storage tanks with scrubber facility will be provided in 3 months; stored organic residue
will be sent to the cement units within 1 month; started maintaining the records;
requested the Board to extend the time limit for disposal of effluent to the CETP,

Recommendations:

After detailed discussions on verification report of the EE, RO: Visakhapatnam, agenda
and submissions of the representatives of the industry, the committee recommended to
issue CFO & HWA expansion order to the industry for a period upto 28.02.2020, by
stipulating the following additional conditions:

1. The industry shall send the pretreated effluent to MEE of CETP, JN Pharmacity, till
end of December 2019 or till commissioning of the AETL whichever is earlier.

2. If the capacity of CETP, JNPC is not sufficient in future, then the permission to send
effluents to CETP of JNPC, will be withdrawn.

3. The industry shall provide multi-stage scrubbers to the process vents to control the
process emissions. The industry shall provide online pH measuring facility with auto
recording system to the scrubbers provided to treat the process emissions.

4. The industry shall submit Half yearly compliance reports to all the stipulated
conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and
Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of
January and 1st July of every year. The first half yearly compliance reports shall be
audited through NABL accredited third party.

4. M/s. ESSAR Steel India Ltd., Near Flyover, Scindia Road, Visakhapatnam– Renewal
of CFO & HWA– Reg.

The Board vide order dated 14.03.2017 issued CFO & HWA to the industry for
manufacturing Iron Oxide Pellets to the tune of 10,000 TPD in Pelletisation Plant-1,
12,333 TPD in Pelletisation Plant-2 and operating 25 MW captive power plant by using
Iron Ore fines, Limestone, Dolomite, Bentonite, Coke Breeze and coal as main raw
materials which is valid up to 31.12.2019 and now, applied for renewal for a period of 5
years i.e., upto 31.12.2024.

The Committee noted the following non compliances:

a. The industry is stocking coal exceeding height of 6 m.

b. Ambient Air Quality monitoring was conducted by mobile laboratory from
24.06.2019 to 27.05.2019. As per the results, the PM10 value is recorded as 122 µg/m³
& 115 µg/m³ as against the standard of 100 µg/m³; PM2.5 value is recorded as 62
µg/m³ as against the standard of 60 µg/m³.

c. The industry shall carryout the study on performance evaluation of efficiency of the
ESP’s provided for the PP-1 and PP-2 through NABL/MoEF&CC accredited agency.

The representative of the industry attended the meeting and informed that they have
provided the wind breaking wall of 10 m height to control fugitive emissions from the
coil stock yards; AAQ monitoring was conducted by the Board in the premises, AAQ
values in most of the shifts is within the standards; the unit is located in port area some
external factors such as vehicle movement in the flyover also contributes rise in AAQ
levels; developed dense greenery in the plant premises; performance evaluation of
efficiency of the ESP’s provided for the PP-1 and PP-2 was carried out internally and it
will be done through NABL/MoEF&CC accredited agency as suggested.

MEMBER SECRETARY

CHAIRMAN
Iron Oxide Pellets (Pelletisation Plant-I) - 10,000 TPD to 11,000 TPD for which they have obtained CFE earlier vide order dated 13.03.2001; increase of water consumption from 8598 KLD to 10,200 KLD; and to issue net power generation in the CPP as 25 MW.

Recommendations:

After detailed discussions on verification report of the EE, RO: Visakhapatnam, agenda and submissions of the representatives of the industry, the committee recommended to issue CFO & HWA renewal order for a period upto 31.12.2024 to the industry by incorporating iron oxide pellets production in PP-1 as 11,000 TPD (as per the CFE order dated 13.03.2001); to enhance the water consumption from 8598 KLD to 10,200 KLD; and to issue net power generation in the CPP as 25 MW. The Committee recommended to stipulate the following conditions:

1. The industry shall carryout the study on performance evaluation of efficiency of the ESP's provided for the PP-1 and PP-2 through NABL/MoEF&CC accredited agency.

2. The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.


The Board vide order dated 30.05.2017 issued CFO & HWA to the industry for manufacturing 21 No of products maximum 6 products at a point of time with a maximum production quantity of 893.33 Kgs/day. Further, the Board vide order dated 02.08.2019 issued CFE (Expansion) to manufacture 42 no. of in products on campaign basis i.e., any 6 products at a time with the maximum production capacity of 1176 kg/day. Now the industry applied for CFO (Expansion) of the Board through AP OCMMS on 04.09.2019.

The Committee noted that the industry has not connected the vent of the hood on the effluent storage tank to scrubber. The representative of the industry attended the meeting and informed that they will connect vent to scrubber within 1 month.

Recommendations:

After detailed discussions on verification report of the EE, RO: Visakhapatnam, agenda and submissions of the representatives of the industry, the committee recommended to issue CFO & HWA After expansion order to the industry for a period upto 30.06.2022, by stipulating the following additional conditions:

1. The industries shall connect the vent of the hood on the effluent storage tank to scrubber to control odour nuisance with in 1 month.

2. The industry shall submit half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.


The Board vide order dated 25.02.2018 issued CFO & HWA to the industry for manufacturing 12 No. of products along with R & D products on campaign basis i.e., any 4 No. products and R&D products at any given point of time with a maximum
production capacity of 726.67 Kg/Day for a period up to 31.10.2020. Further, the Board vide order dated 02.08.2019 issued CFE (Expansion) to manufacture 18 products with R & D products on campaign basis i.e., any 4 products and R & D products on campaign basis with a maximum production capacity of 1483.33 Kgs/day. Now, the industry applied for CFO (Expansion) of the Board to manufacture any 4 products along with R & D products at any point of time with a maximum production quantity of 1483.33 Kg/day.

The Committee noted the following non-compliances:

a. The industry has not constructed shed for storage of drums with dyke wall and leachate collection system.

b. The industry has not constructed rain water run-off tank for collection and storage of first flush storm water.

c. The industry has not developed green belt of adequate width and density along boundary of the industry with minimum area of 33% of total area.

The representative of the industry attended the meeting and informed that they will construct shed for storage of drums with dyke wall with leachate collection system within 3 months; already constructed rain water run-off tank for collection and storage of first flush storm water and developed 33% of green belt inside and outside the industry premises.

**Recommendations:**

After detailed discussions on verification report of the EE, RO: Visakhapatnam, agenda and submissions of the representatives of the industry, the committee recommended to issue CFO & HWA after expansion order to the industry for a period upto 31.10.2020, by stipulating the following additional conditions:

1. The industry shall construct shed for storage of drums with dyke wall and leachate collection system within 3 months.

2. The industry shall submit Half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.


As per CFO Order, the industry has obtained HWA for waste oil, ETP sludge, Plastic drums and spent ion exchange resin. Now, the industry filed an application for amendment of CFO, incorporating some of the Hazardous & Non-Hazardous wastes with RO, recommendation is tabulated below:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Type of Waste</th>
<th>Stream</th>
<th>UOM</th>
<th>Quantity</th>
<th>Consented/Proposed Method of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>As per Existing Consent Order dated 19.05.2016</td>
<td>Proposed for CFO Amendment</td>
</tr>
</tbody>
</table>

**MEMBER SECRETARY**

**CHAIRMAN**
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Storage &amp; Handling</th>
<th>Quantity</th>
<th>Period</th>
<th>Disposal Method</th>
<th>Consented Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Waste Oil</td>
<td>LPA</td>
<td>7000</td>
<td>No</td>
<td>Shall dispose to APPCB Authorized Recyclers / Internal recycling.</td>
<td>7000 LPA holds good.</td>
</tr>
<tr>
<td>2</td>
<td>ETP Sludge</td>
<td>TPA</td>
<td>6000</td>
<td>36000</td>
<td>Shall dispose part of the sludge to egg tray units/sun dry paper board industries for recycling and the remaining in the boiler after drying along with coal / TSDF.</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
<tr>
<td>3</td>
<td>Empty barrels / container / liners contaminants with hazardous chemicals / wastes</td>
<td>Nos. /year</td>
<td>500</td>
<td>5000</td>
<td>Shall dispose after complete detoxification shall be sent to outside parties.</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
<tr>
<td>4</td>
<td>Spent Ion Exchange Resin</td>
<td>TPA</td>
<td>2</td>
<td>No</td>
<td>Shall dispose burning in boiler along with coal for steam &amp; power generation / TSDF.</td>
<td>Consented quantity i.e. 2 TPA holds good.</td>
</tr>
<tr>
<td>5</td>
<td>Discarded Asbestos</td>
<td>TPA</td>
<td>0</td>
<td>10</td>
<td>Shall dispose to TSDF</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
<tr>
<td>6</td>
<td>Oil Contaminated cotton or other cleaning materials</td>
<td>TPA</td>
<td>0</td>
<td>5</td>
<td>Shall dispose burning in Boiler along with Coal / TSDF.</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
<tr>
<td>7</td>
<td>Discarded carbon filter media (WTP &amp;</td>
<td>TPA</td>
<td>0</td>
<td>2</td>
<td>Shall dispose used in boiler along with coal for steam &amp; power</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
</tbody>
</table>

**Signature:**

**CHAIRMAN**

**MEMBER SECRETARY**
## MINUTES OF THE CFO COMMITTEE MEETING HELD ON 04.10.2019

<table>
<thead>
<tr>
<th>S. No</th>
<th>Type of Waste</th>
<th>Stream</th>
<th>UOM</th>
<th>Quantity (As per Existing Consent Order dt.19.05.2016)</th>
<th>Proposed for CFO Amendmt</th>
<th>Method of Disposal</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Insulation Waste / Discarded Glass Wool</td>
<td>Not applicable</td>
<td>TPA</td>
<td>0</td>
<td>2</td>
<td>Shall dispose to TSDF</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
<tr>
<td>9</td>
<td>Discarded PPE</td>
<td>Not applicable</td>
<td>TPA</td>
<td>0</td>
<td>2</td>
<td>Shall dispose cotton PPE to boiler and others back to suppliers / recyclers / TSDF</td>
<td>The request of the industry for amendment may be considered.</td>
</tr>
</tbody>
</table>

### Solid Waste (Non Hazardous) - (Under point 23 of General in Schedule - B of CFO)

<table>
<thead>
<tr>
<th>S. No</th>
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<th>UOM</th>
<th>Quantity</th>
<th>Method of Disposal</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Coal Ash</td>
<td>Not applicable</td>
<td>TPD</td>
<td>43000</td>
<td>50000</td>
<td>Brick kilns for reuse.</td>
</tr>
<tr>
<td>2</td>
<td>Plastic Waste (from waste paper)</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>1200</td>
<td>Dispose to authorized cement kilns / recyclers / co-processing.</td>
</tr>
<tr>
<td>3</td>
<td>PVC/HDPE &amp; Polythene Scrap</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>120</td>
<td>sold to Reusers/recyclers/re-processors.</td>
</tr>
<tr>
<td>4</td>
<td>Paper cuttings waste Kraft / Cores pipes/broken wrappers</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>100</td>
<td>Sold to re-users.</td>
</tr>
<tr>
<td></td>
<td>Item Description</td>
<td>Responsible Agency</td>
<td>Quantity</td>
<td>Purpose</td>
<td>Comments</td>
<td></td>
</tr>
<tr>
<td>---</td>
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<td></td>
</tr>
<tr>
<td>5</td>
<td>Demolition and construction waste and refractory bricks</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>200</td>
<td>To use for filling in low laying area &amp; road / pathway laying within the premises / give to outside construction agencies for use.</td>
</tr>
<tr>
<td>6</td>
<td>Metal Waste (Ferrous &amp; non Ferrous)</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>500</td>
<td>Solid to outside party for Reusers / recyclers.</td>
</tr>
<tr>
<td>7</td>
<td>Discarded Machine Clothing, felts, screens, Conveyor belts, Drive belts, presses wires, rubber scrap etc.</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>100</td>
<td>Sold to reusers / recyclers / end users.</td>
</tr>
<tr>
<td>8</td>
<td>Discarded packing of wooden / carton scrap</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>100</td>
<td>Sold to reusers / recyclers / end users.</td>
</tr>
<tr>
<td>9</td>
<td>Scrap electrical &amp; electronic assemblies other than E-Waste</td>
<td>Not applicable</td>
<td>TPA</td>
<td>---</td>
<td>30</td>
<td>Sold to reusers / recyclers / end users.</td>
</tr>
</tbody>
</table>
The representative of the industry attended the meeting and informed that earlier some of the wastes were not identified as hazardous wastes & now the identified wastes were quantified and hence requesting the Board to incorporate the same in the authorization; earlier ETP sludge was mentioned on dry basis and now incorporating the same “as such basis”; and assured that there will not be any additional production.

Recommendations:
After detailed discussions on verification report of the EE, RO: Kakinada, agenda and submissions of the representatives of the industry, the committee recommended to issue CFO & HWA amendment order to the industry to incorporate the hazardous wastes based on the RO, Kakinada verification report dt: 23.09.2019 by stipulating the following additional conditions:

1. The industry shall not exceed the hazardous waste generation quantities as per the amendment order.

2. The industry shall submit half yearly compliance reports to all the stipulated conditions in Environmental Clearance (EC), Consent for Establishment (CFE) and Consent for Operation (CFO) through website i.e., https://pcb.ap.gov.in by 1st of January and 1st July of every year. The first half yearly compliance reports shall be furnished by the industry and second half yearly compliance reports shall be the audited through NABL accredited third party.

M/s. Bharat Petroleum Corporation Limited, Ongole Depot, Stone No.281/4, NH5, Valluru Post, Surareddypalem (V), Tanguturu (M), Prakasam District.

M/s. Bharat Petroleum Corporation Limited, (Ongole Depot), is involved in Storage of Petroleum products facility located at Stone No.281/4, NH5, Valluru Post, Surareddypalem (V), Tanguturu (M), Prakasam District. The Board issued CFO & HWA order to the facility on 29.04.2017 which is valid upto 28.02.2022 for Storage of Petroleum products viz., Motor Spirit (MS)-3507 KL, High Speed Diesel (HSD)-12556 KL, Superior Kerosene Oil (SKO)-1726 KL.

The facility obtained CFE of the Board on 06.03.2018 for additional storage and distribution of Bio-diesel and Ethanol products.

The facility has obtained EC for additional storage and distribution of Bio-diesel and Ethanol products vide order No. SEIIA/AP/PKM/IND/12/2018/762-707, Dt: 06.08.2019.

The Facility has applied for Water and Air Consents for Additional Storage and Distribution of Bio-diesel: 200 KL and Ethanol: 120 KL Products. The due date of the application is 01.10.2019.

The RO: Vijayawada forwarded the report on 11.09.2019 and recommended for considering the CFO application.

As the last date is on 01.10.2019, the Physical file is circulated in advance for considering the CFO & HWA Order to the storage facility. The CFO & HWA order was issued is on
30.09.2019 to the facility in order to meet the due date. The issue will be placed in ensuing CFO meeting for ratification.

**Recommendations:**
The Committee noted and ratified the issue of CFO & HWA order to the industry.

### 9. M/s. Indian Oil Corporation Ltd., Vijayawada Airport, Gannavaram (V), Krishna District.

M/s. Indian Oil Corporation Ltd., Vijayawada Airport, Gannavaram (V), Krishna District is involved in Receipt, Storage and Delivery of Aviation Turbine Fuel (ATF). The industry has applied for 1st CFO & HWA for receipt, storage and delivery of Aviation turbine fuel – 35 KL/ day and CFO fee paid for a period up to 31.12.2019. The industry has not obtained CFE of the Board. The due date of the application is 27.09.2019.

The RO: Vijayawada forwarded the report on 20.09.2019 and recommended for considering the CFO application.

As the last date is on 27.09.2019, the Physical file is circulated in advance considering the CFO & HWA Order to the industry. The CFO & HWA order was issued to the industry on 26.09.2019 for a period upto 31.12.2019 in order to meet the due date.

**Recommendations:**
The Committee noted and ratified the issue of CFO & HWA order to the industry.

### 10. M/s. Sree Jayajothi Cements Pvt. Ltd., Sy.No.330, Yanakandla (V), Banaganapalli (M), Kurnool District – Applications for Water and Air Consents and HW Authorization for Fresh (for Power generation from waste heat from pre-heater and cooler - Waste Heat Recovery Power Plant (WHRPP) - 7.5 MW)


The Board issued CFE to the industry on 14.08.2019 for WHRPP - 7.5 MW.

Now, the industry applied for CFO to set up Waste Heat Recovery Based Power Plant of capacity 7.5 MW.

The RO recommended to consider CFO, stipulating conditions.

The Board after careful examination issued CFO to the industry on 28.09.2019 for WHRPP - 7.5 MW for a period upto 30.09.2020 duly stipulating conditions.

**Recommendations:**
The Committee noted and ratified the issue of CFO order to the industry.

### 11. M/s. VSN Laboratories (P) Ltd, Plot No: 29 & 30, Industrial Park, Thirimalagiri (V), Jaggayyapeta (M), Krishna District.

M/s. VSN Laboratories (P) Ltd is a bulk drug unit located at Plot No: 29 & 30, Industrial Park, Thirimalagiri (V), Jaggayyapeta (M), Krishna District. The industry has submitted representation to the Member Secretary on 19.09.2019, for transferring their trade effluents to CETP of Ramky at Parawada, Visakhapatnam. Inspection report from RO, Vijayawada was not received till date. The industry again represented to the Member Secretary through mail dated 03.10.2019, wherein the MS endorsed to put up the file by today itself.

As per the industry’s letter, it is come to know that industry has earlier obtained permission for transfer of trade effluents for period of six months i.e. till July 2019, to CETP of Ramky at Parawada, Visakhapatnam. Thereafter they made some modifications.

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**MEMBER SECRETARY**  
**CHAIRMAN**
in their MEE of capacity 20 KLD as per the suggestions made by the Engineering consultant for increasing the efficiency of the system. The industry informed that MEE was restarted on 06.08.2019 and operated for 20 days, but the same problems are recurring in operations and due to power failures in the estate, they could not operate the MEE, thereby the industry was able to treat only 79.49 KLD from 06.08.2019 and as on date 38 KL of trade effluent was accumulated in the industry premises.

Further industry informed that their EC application for allotment of additional land adjacent to the plant premises is under process at SEIAA and proposed reinstall the MEE in the new site, which is under process for obtaining EC.

The Board issued CFO&HWA order dated 13.01.2016 and further obtained for a period of 5 (FIVE) years i.e., up to 30.11.2021 under Scheme of Green Channel (Auto Renewal).

The details of trade effluents as follows:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet Description</th>
<th>Max Daily Discharge</th>
<th>Point of Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HTDS - Process &amp; Washings</td>
<td>21.21 KLD</td>
<td>• Equalization and neutralization.</td>
</tr>
<tr>
<td>2</td>
<td>LTDS - Process effluents, boiler &amp;</td>
<td>8.0 KLD</td>
<td>• Stripped effluents for forced</td>
</tr>
<tr>
<td></td>
<td>cooling blow down</td>
<td></td>
<td>evaporation in MEE &amp; ATFD.</td>
</tr>
<tr>
<td>3</td>
<td>Domestic</td>
<td>2.0 KLD</td>
<td>• Condensate from MEE shall be</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>recycled.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• ATFD salts to TSDF.</td>
</tr>
</tbody>
</table>

In the name of MEE maintenance the industry is taking permissions since 2018 onwards, however till date MEE problems were not rectified. Now the industry again submitted a representation, requesting for further extension of permission for sending the effluent to Ramky CETP, Parawada, Visakhapatnam, for a period of six months.

The Board issued Temporary Permission to the industry on 03.10.2019 for transportation of Trade effluents to the CETP of M/s Ramky Pharma City (India) Limited, Parawada, Visakhapatnam for a period of 6 months i.e. up to 02.04.2020, subject to following conditions:

1. No further extension of Temporary permission of sending trade effluents to any CETP will be entertained in future.
2. The industry shall rectify the problems in MEE and ATFD in due course of temporary permission period and shall keep the same in operations.
3. The industry shall obtain the Environmental Clearance for the additional land allotted by APIIC and reinstall ZLD system at the earliest.
4. The industry shall inform RO: Vijayawada and RO: Visakhapatnam at least one week in advance before sending effluents to CETP, Parawada, Visakhapatnam District.
5. The permission is valid till the availability of capacity of CETP, M/s. Ramky Pharmacity (India) Limited, Parawada Mandal, Visakhapatnam District. The permission will be withdrawn if capacity of CETP, JNPC is not sufficient in future.
6. The industry shall obtain the prior information on the availability of treatment capacity at Ramky CETP, Parawada before sending the trade effluents and as per the availability only, the industry shall transport the trade effluents to CETP, Parawada.
7. The industry shall transport the trade effluents in a vehicle having the provision of GPS tracking.
8. The industry shall transport the trade effluents along with manifesto copy (Movement Document) in Form 10 as per the Rule 19 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall furnish the signed copy of the same at RO, Vijayawada time to time.

9. The industry shall restrict the transportation of trade effluents to CETP of Ramky, Parawada up to six months only i.e. up to 02.04.2020, from date of issue of this order.

Recommendations:
The Committee noted and ratified the issue of Temporary Permission to the industry for transportation of Trade effluents to the CETP of M/s Ramky Pharma City (India) Limited, Parawada, Visakhapatnam.