MINUTES OF THE CFO COMMITTEE MEETING HELD ON 17.07.2019
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>Chairman</td>
</tr>
<tr>
<td>2.</td>
<td>Sri. Vivek Yadav, IAS, Member Secretary, A.P. Pollution Control Board, Vijayawada.</td>
<td>Member Secretary</td>
</tr>
<tr>
<td>3.</td>
<td>Prof. J. R. Karthikeyan, College of Engineering, S V University, Tirupathi.</td>
<td>Member</td>
</tr>
<tr>
<td>4.</td>
<td>Prof. K.V. Ramana Murthy, Department of Pharmaceutical Technology, A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam.</td>
<td>Member</td>
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<tr>
<td>5.</td>
<td>Prof. G.V.R. Srinivasa Rao, Head, Department of Civil Engineering, AU College of Engineering (A), Andhra University, Visakhapatnam.</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.

Principal Secretary EFST has instructed to strengthen the CFO compliance mechanism. CFO section to come out with action plan for strengthening compliance of CFO conditions which can be discussed in the next committee for taking a decision.
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 17.07.2019

1. **M/s.KBK Biotech Private Limited (Expansion), (Formerly M/s.Milano Spirits India Pvt. Ltd.), Chinnabramadavem Village, Peddapuram Mandal, East Godavari District.**

M/s. Milano Spirits India Private Limited used to operate a molasses based distillery unit of 20 KLD capacity. The CFO of M/s. Milano Spirits India Private Limited expired on 28.02.2013 and the unit had become sick and sold out to present management i.e. M/s. KBK Biotech Limited.

M/s. KBK Biotech Limited vide orders dt: 11.01.2017 & 05.03.2019 obtained the CFE (expansion) for production of i) Rectified Spirit / Extra Neutral Alcohol / Ethanol (molasses or grain based) - 20 KLD (600 KL/month); ii) Rectified Spirit / Extra Neutral Alcohol / Ethanol (Grain based only) - 39 TPD; Co-Generation Power- 2.1 MW; CO2- 40.0 TPD; and DWGS/DDGS -118 TPD /59 TPD. Now, the industry applied CFO & HWA for first time through APOCMMS for a period up to 30.06.2024.

The representative of the industry attended the meeting and informed that they have installed the online emission monitoring system to the 20 TPH boiler; provided digital flow meters with webcams at MEE and ETP; represented the CPCB for revocation of the closure order; storm water drains along the periphery of the site will be completed in 1 month; provided storm water collection tank; internal roads will be completed in 1 month; will establish a AAQM station within 1 month; green belt in an area of 11 acres will be developed in this monsoon season.

**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 order to the industry with a validity period up to 30.06.2024 with a condition that the industry shall start the operation only after obtaining the revocation of the closure order dt: 18.03.2016 issued by CPCB.

2. **M/s. Hygro Chemicals Pharmatek Pvt. Ltd., Plot No. 51A, 51B, Jawaharlal Nehru Pharma City (P), Parawada (M), Visakhapatnam**

The Board vide order dated 27.04.2018 issued CFO & HWA to the industry to manufacture 13 No. of products (Including 1 No. of validation product) with a maximum production of 2099.91Kg/day.

In the CFO & HWA order dt: 27.04.2018, spent solvents were not mentioned. Further the Board vide order dt: 26.03.2019 issued amendment stipulating that the industry shall comply with the Standard Operating Procedure (SoP) for Spent Solvent issued by CPCB.

The industry vide letter dt: 04.06.2019 submitted a representation requesting permission for inclusion of spent solvents as below:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Hazardous waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Disposal Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spent Solvent</td>
<td>28.1 of Schedule - I</td>
<td>40.81 KLD</td>
<td>Recovered within the premises / disposed to APPCB authorized recyclers.</td>
</tr>
<tr>
<td>2</td>
<td>Mixed Spent Solvents</td>
<td>28.1 of Schedule - I</td>
<td>17.51 KLD</td>
<td>Disposed to APPCB authorized recyclers.</td>
</tr>
</tbody>
</table>

**Recommendations:**

After detailed discussions on verification report of the EE, RO: Visakhapatnam and agenda, the committee recommended to issue CFO & HWA amendment order to the industry to include Spent solvents - 40.81 KLD and Mixed spent solvents - 17.51 KLD as requested by the industry.
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 17.07.2019


The Board vide order dated 25.11.2016 issued CFO & HWA to manufacture Low Molecular weight Heparin (or) Heparin Sodium - 4.0 Kg/Day and Iron Sucrose (OR) Iron (OR) Dextran (OR) Sodium Ferric Clugonate -6.0 Kg/Day.

In the CFO & HWA order dt: 25.11.2016, spent solvents were not mentioned. Further the Board vide order dt: 26.03.2019 issued amendment stipulating that the industry shall comply with the Standard Operating Procedure (SoP) for Spent Solvent issued by CPCB.

The industry vide letter dt: 04.06.2019 submitted a representation to the Board informing that the industry is generating mixed spent solvents during the production and requested to issue an amendment for incorporation of mixed spent solvents in the CFO & HWA Order dt: 25.11.2016 with the disposal options for the following quantities:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Hazardous waste</th>
<th>Stream</th>
<th>Quantity</th>
<th>Disposal Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Mixed solvents</td>
<td>Spent</td>
<td>28.1 of Schedule - I</td>
<td>5.0 KLD Disposed to APPCB authorized recyclers.</td>
</tr>
</tbody>
</table>

**Recommendations:**

After detailed discussions on verification report of the EE, RO: Visakhapatnam and agenda, the committee recommended to issue CFO & HWA amendment order to the industry to include mixed spent solvents - 5 KLD as requested by the industry.

4. M/s. Rockman Industries Ltd, Sy. No; 191, 191/1, 196, 203, 203/1 to 16, 203/17A, 203/17B, 203/18, 204/1 to 12, 207/1 to 17, etc, Pagali Village, Yerpedu Mandal, Chittoor District - Application for CFO Fresh - Reg.

M/s. Rockman Industries Ltd, Chittoor District is an Automobile Manufacturing (integrated facilities) unit.

The Zonal Office: Kurnool issued CFE to the industry on 19.03.2018 for production of Alloy Wheel for Passenger CAR - 1,60,000 Nos/Month and Alloy Wheel for Motor Bikes or scooter - 3,00,000 Nos/Month.

Now the industry applied for CFO&HWA through OCMMS for a period of 03 years i.e., up to 31.05.2022.

The representative of the industry has not attended the meeting in spite of communicating them to attend. The committee noted that the industry has not provided Digital flow meters for assessing the actual water consumption and waste water generation; not provided digital flow meters with totalizers at the inlet and outlet of ETP & STP to assess the quantity of water treated, reused for flushing purpose & used for development of greenbelt; not developed any green belt though condition was issued in CFE order dated 19.03.2018 to develop 33% green belt of total area.

**Recommendations:**

After detailed discussions on the agenda and report of EE, RO: Tirupati, the committee recommended to issue CFO&HWA for a period up to 31.05.2022 with a condition that the industry shall provide the digital flow meters with totalizers within one month, the industry shall start planting of saplings during the rainy season and report to RO: Tirupati for monitoring and reporting.

5. M/s. GM Eco Services, Sy.No. 171/10, 171-9-P1, 171-9-P2, Peddadudyala (V), Muddanur (M), YSR Kadapa District - Application for CFO&HWA - Reg.

M/s. GM Eco Services, YSR Kadapa District is involved in the Collection of Mixed (Hazardous & Non Hazardous) Waste, Blending / Storage and Disposing to Co-

**MEMBER SECRETARY**

**CHAIRMAN**
Processing Cement industries.

The Board issued CFE to the industry on 21.06.2018 for Collection of Mixed (Hazardous & Non Hazardous) Waste, Blending / Storage and Disposing to Co-Processing Cement industries - 1,20,000 TPA.

Now the industry applied for CFO for Collection of Mixed (Hazardous & Non Hazardous) Waste, Blending / Storage and Disposing to Co-Processing Cement industries - 6,94,444 Kgs/Day for the period of five years.

The representative of the industry attended the meeting and submitted to the committee that they have purchased water meters and will install within 2 days; constructed dyke walls; purchased online VOC and will install within a week; planning to design fume extraction system for 30x60 size sheds; provided laboratory facility with Atomic Absorption Spectroscopy (AAS) and UV Spectrophotometer; Obtained Public Liability Insurance (PLI) Policy; planted 1500 saplings; planning to dispose the Waste to M/s. Bharati Cements Corporation Pvt. Ltd., Kadapa District only.

The committee noted that the capacity of storage sheds need to increase and care should be taken while handling organic compounds.

Recommendations:

After detailed discussions on the agenda, report of EE, RO: Kadapa and submissions of representative of the industry, the committee recommended to issue CFO&HWA to the industry for a period upto 31.05.2024 with certain conditions.

6. M/s. Sagar Cements (R) Ltd., Gudipadu (V), Yadiki (M), Anantapuram District - CFO for Usage of alternate fuel in the Kiln - Reg.

M/s. Sagar Cements (R) Ltd., Anantapuram District is a Cement Manufacturing Unit.

The Board issued CFO&HWA to the industry on 21.05.2015 with a validity upto 31.03.2016 for Electric Power Generation (Captive Power Consumption) - 25 MW. Subsequently, the same was auto renewed on 22.03.2016 for further period upto 31.05.2021.

The Board issued CFO&HWA to M/s. BMW Cements Limited on 24.03.2016 with validity upto 20.04.2020 to manufacture Clinker - 0.66 Million TPA and Cement - 0.95 Million TPA. The Board issued amendment to M/s. BMW Cements Limited on 30.10.2017 for change of industry name to M/s. Sagar Cements (R) Limited and incorporation of revised emission standards.

The Board issued CFE Amendment to the industry on 04.06.2019 to use additional alternate fuels in the cement kiln i.e. Pharmaceutical industries Waste (Solid/Semi Solid) - 0.0050 MTPA, Carbon Black - 0.010 MTPA, Spent Carbon - 0.0050 MTPA, Municipal Waste - 0.0050 MTPA, Plastic Waste - 0.0050 MTPA and Bio mass (Rice Husk, Coconut coir, Ground nut Husk etc.) - 0.0050 MTPA in addition to the Coal (370 TPD) and Pet coke (6666.66 TPM).

Now the industry applied for CFO for usage of alternative fuel in the cement kiln for a period of one year.

The committee noted that there is no additional water requirement and waste water generations for the proposed activity other than permitted vide CFO&HWA order dated 24.03.2016.

Recommendations:

After detailed discussions on the agenda and report of EE, RO: Anantapuram, the committee recommended to issue CFO to the industry for a period upto 30.06.2020 in line with CFE Amendment order dated 04.06.2019 with certain conditions.

MEMBER SECRETARY

CHAIRMAN

It is to submit that the Board earlier issued combined CFO&HWA order on 08.05.2019 to M/s. Porus Laboratories Pvt Ltd., Unit-IV, Akkireddygudem (V), Musunuru (M), Krishna District, for a period valid upto 31-03-2024 duly stipulating conditions. In this regard, the industry has submitted a representation to the RO requesting to issue certain amendment to the CFO order issued. The RO submitted the report.

The representatives attended the meeting and submitted to the committee that they are operating at low capacity; have provided stack to the scrubber already; will provide automated mechanized system for loading lime stone when they go for full production; present storage capacity of spent Sulphuric acid is enough for low production capacities and extra storage will be provided in one month; have tie-up with Dalmiya Cements, Jaggalahpet for use of Gypsum generated from their plant. They requested to issue amendments as requested.

**Recommendations:**

After detailed discussions, the committee noted that the CFE was issued to the production of Gypsum as by product and recommended to issue the following amendments as sought by the industry with the following conditions.

To read the name of the product 4-Nitro-N-methyl phthalimide (4-NP) as 4-Nitro-N-methyl phthalimide (4-NPI).

To modify the hazardous waste quantity of miscellaneous waste (Spill control waste) as 6 PA instead of 6 TPD.

To add by product of Gypsum – 75,000 kg/day in addition to Spent Sulphuric acid of 245126 kg/day.


The industry shall provide the designated area for Gypsum storage within 3 months.

The industry shall provide automated mechanized system for loading limestone and hydrated lime through silos equipped with bag filters with sufficient vent.

The committee recommended that the RO may submit the compliance status of CFO and compliance of SOPs by the industry after 3 months to the Task Force for review.


The RO: Vijayawada has submitted that the Board issued Temporary permission to transport the effluent of M/s. Nifty Labs Pvt. Ltd., 50/(A, B, G & H), 64(A, B, C & D), 65(A, B, C & D), 66(A & b), 67 (A & B), 67 (A & B), , IDA, Kondapalli (V), Ibrahimpatnam (M), Krishna Dist., to Ramky CETP, Parawada, Visakhapatnam for a period of two months i.e., upto 28-05-2018 or till restart of CETP, Kondapalli whichever is earlier as the CETP, Kondapalli was not in operation at that time. Subsequently the CETP, Kondapalli restarted its operation of Biological ETP since 1st August 2018 and started operating MEE since 1st September 2018 and at present the industry is sending the effluent to CETP, Kondapalli for final disposal.

Now the industry submitted a representation to the RO stating the CETP, Kondapalli is not fully operational due to frequent breakdowns. Therefore, the industry has requested...
to permit to send the effluent of the industry to Ramky CETP, Parawada, Visakhapatnam when the CETP, Kondapalli breakdowns or when any excess effluent generates by the industry to the permitted quantity of CETP, Kondapalli. Further the industry submitted that the effluent quantity would be within the consented quantity only.

The representative attended the meeting and submitted to the committee that if all the industries in the area send their effluents to the CETP Kondapalli, there will be issue in handling the effluents; operating at low capacity and if they increase production CETP may not handle the effluents and also there will be issue for them in case of maintenance breakdowns. He further submitted that they have export orders and requested permission to send the effluents to CETP. He requested permission to send the effluents to CETP, Parawada when there are breakdowns or more quantity of effluents received at CETP, Kondapalli.

Recommendations:

After detailed discussions, the committee recommended to issue permission to the industry for sending the effluents to CETP, Parawada when there are breakdowns in CETP or in case more quantity of effluents received are at CETP, Kondapalli than the designed capacity with the following condition:

The industry shall inform RO: Vijayawada and RO: Visakhapatnam at least one week in advance before sending effluents to CETP, Parawada, Visakhapatnam District.