MINUTES OF THE CFO COMMITTEE MEETING HELD ON 18.09.2019

At APPCB, Head Office, Pushpa Hotel Centre, Behind Sunrise Hospitals,
Kasturbaipet, VIJAYAWADA

The following were present:

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<th>S. No</th>
<th>Name of the Member</th>
<th>Member</th>
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<td>1.</td>
<td>Sri. B.S.S. Prasad, IFS, Chairman, A.P. Pollution Control Board, Vijayawada.</td>
<td>Chairman</td>
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<td>2.</td>
<td>Sri. Vivek Yadav, IAS, Member Secretary, A.P. Pollution Control Board, Vijayawada.</td>
<td>Member Secretary</td>
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<td>3.</td>
<td>Dr. A.V.V.S. Swamy, Department of Environmental Science, Acharya Nagarjuna University, Guntur.</td>
<td>Member</td>
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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.
### MINUTES OF THE CFO COMMITTEE MEETING HELD ON 18.09.2019

|---|---|
| | The Board vide order dated 27-10-2017 issued CFO & HWA to manufacture 24 number of products with production capacity 5385.0 Kgs/day with a validity period upto 31.10.2020. in the CFO & HWA Order, the Board stipulated disposal option for process residue and Spent carbon as “Shall be disposed to cement plants for co-processing / CWMP, Parawada, Visakhapatnam for incineration; Now, the industry applied for CFO & HWA amendment for disposal option for process residue and spent carbon as “Shall be disposed to cement plants for co-processing / CWMP, Parawada, Visakhapatnam for incineration / M/s. Greentech Enviro Solutions, Shermohammadpeta (V), Jaggaipet (M), Krishna District for pre-processing and onward disposal to cement plants”.

**Recommendations:**

After detailed discussions on verification report of the EE, RO: Vizianagaram and agenda, the committee recommended to issue CFO & HWA (Amendment) order to change the disposal option for process residue and Spent carbon as “Shall be disposed to cement plants for co-processing / CWMP, Parawada, Visakhapatnam for incineration / AFRF facilities for pre-processing and onward disposal to cement plants.”

|---|---|
| | The Board vide order dated 31.07.2018 issued CFO & HWA (After Expansion) to manufacture 23 no. of products with a maximum production capacity of 32706.67 kgs/day and the Board vide order dated 06.11.2018 issued CFO & HWA amendment for change of Sodium Nitrite quantity from 3066.66 Kg/day instead of 3666.66 Kgs/day. Further, the Board vide order dated 02.08.2019 issued CFE (Expansion) to manufacture 24 no. of products including R & D product with a production quantity of 36040.0 Kgs/day. Now, the industry applied for CFO & HWA (After Expansion).

The Committee noted the following non compliances:
1. The industry has not provided hood on the top of the effluent storage tanks.
2. The industry has not developed 33% green belt.

The representative of the industry attended the meeting and informed the following:
1. They will install hood and scrubber within 2 months i.e., by end of November, 2019.
2. They will develop remaining green belt within 3 month i.e., by end of December, 2019.

**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 by stipulating the following conditions:
1. The industry shall install hood and scrubber the effluent storage tanks within 2 months i.e., by end of November, 2019.
2. The industry shall develop remaining green belt within 1 month i.e., by end of October, 2019.
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.

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**MEMBER SECRETARY**

**CHAIRMAN**
The Board vide order dated 08.05.2019 issued CFE (Expansion) to manufacture of 12 no. of products with the production capacity of 26427.0 Kgs/Day and obtained CFE (Expansion) order dated 14.06.2019 and valid up to 30.06.2023.

The Board vide order dated 22.07.2019 issued CFE (Expansion) to manufacture of 15 no. of products with production capacity of 39860 Kgs/Day. Further, the Board vide order dated 23.08.2019 issued CFE (Amendment) Order for products and Hazardous waste generation. Now, the industry has applied for the CFE (Expansion) against CFE (Expansion) & (amendment) Orders dated 22.07.2019 & 23.08.2019.

The Committee noted the following non compliances:

1. As per the CFE expansion vide order dt. 08.05.2019 condition no. 5, “The industry shall send effluents to CETP, JNPC, Parawada upto 28.06.2019 only”. The industry was inspected on 31.08.2019 and observed that the industry is disposing the effluents to CETP, JNPC, Parawada as M/s. Atchutapuram Effluent Treatment Ltd (M/s. AETL), is not yet commissioned.

2. The industry is located in an area of 40,446 Sq. M. The industry is supposed to develop greenery in an area of 22 % of the total area. Accordingly, the industry shall develop greenery in 8898 Sq.M. But the industry developed greenery in 5000 Sq.M only.

3. The industry has installed 1X 10 TPH coal fired boiler, 1X 1000 KVA & 1X 500 KVA DG Sets. Hence CFE may not be issued for 1X 2 TPH oil fired boiler, 1X 3.0 lakhs Kilo Calories, 1X 1.0 lakhs Kilo Calories hot oil boiler & 1X 1000 KV DG sets.

The representative of the industry attended the meeting and informed the following:

1. The Atchutapuram industrial association submitted representation to the Board to extend the disposal of effluents to CETP, JNPC, Parawada upto end of September, 2019.

2. They will develop remaining green belt within 3 month i.e., by end of October, 2019.

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 by stipulating the following additional conditions:

1. The industry shall send effluents to CETP, JNPC, Parawada upto 18.11.2019 only.

2. The industry shall develop remaining green belt within 1 month i.e., by end of December, 2019.

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.

4. The industry shall dispose spent Sulphuric acid to the authorized industry duly following the CPCB protocol.
manufacture 3 no. of products on campaign bases i.e., one product at any point of time with production capacity of 4.0 Tons/day for a period up to 30.05.2022. Further, the Board vide order dated 12.03.2019 issued CFO Expansion to the industry with total production capacity (Maximum any 6 products at a time along R&D) is 9403 Kgs/day.

Now the industry applied for CFO (expansion) to manufacture only for 50 % of the products permitted in CFE (expansion) order in Phase-I by reducing the production quantity, water consumption, waste water generation and Hazardous waste generation.

The Committee noted the following non compliances:

1. The industry has installed 1 x 2.0 TPH coal fired boiler.
2. Solvent storage tanks not connected with vent condensers to prevent solvent vapours.
3. The industry has not installed solvent recovery system.
4. The industry has not constructed storm water drains.
5. The industry has developed green belt in an extent of 1.50 Acres (14.5%) against required green belt area of 3.41 acres to achieve 33% of the total area.
6. The industry not yet provided online pH meter to the scrubber.
7. The industry shall provide separate flow meters for water used for scrubbers and maintain records.

The representative of the industry attended the meeting and informed the following:

1. They have issued P.O for procurement of 08No’s of vent condenses for the solvent storage tanks and same will be installed by 31.12.2019.
2. Solvent recovery system is proposed in phase – II and till the installation of the solvent recovery system, they will carry out simple distillation in our existing production blocks or will send to APPCB authorized recovery units.
3. They have completed the construction of the storm water drains.
4. They have already dedicated the required area of the development of the green belt and they will complete green belt development within one month time i.e., end of October, 2019.
5. Online pH meter is installed for one scrubber and for remaining scrubber will installed by 31.12.2019.
6. Flow meters will be installed for the water used for scrubbers by 31.10.2019.

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 by stipulating the following:

1. The industry shall obtain CFO & HWA for phase –II and shall manufacture consent products not exceeding the permitted quantity.
2. The industry shall not install 1 X 3.0 TPH & 1 X 8.0 TPH without CFO of the Board.
3. The industry shall provide vent condenses for the solvent storage tanks and same will be installed by 31.12.2019.
4. The industry shall develop remaining greenbelt within one month time i.e., end of October, 2019.
5. The industry shall install online pH meter for remaining scrubber by 31.12.2019.
6. The industry shall install flow meters for the water used for scrubbers by 31.10.2019.

MEMBER SECRETARY

CHAIRMAN
5. M/s. Dr. Reddy’s Laboratories Limited, CTO-VI, IDA, Pydibheemavaram (V), Ranasthalam (M), Srikakulam District - CFO&HWA (Amendment) - Reg.

The Board vide order dated 05.08.2019 issued CFO to send the effluents to M/s Dr. Reddy’s Laboratories Limited, CTO-VI located at adjacent to the unit through pipe line for further treatment and disposal of 114 KLD i.e., Process & Washings- 62 KLD, Scrubbing System - 04 KLD, Cooling tower bleed off- 09 KLD, Boiler blow down- 06 KLD, DM Plant - 33KLD.

Further, the Board vide order dated 26.08.2019 issued CFO amendment to draw the steam from the existing power plant boiler (40 TPH) of CTO- Unit VI through an overhead pipeline.

Now, M/s Dr. Reddy’s Laboratories Limited, CTO-VI requested the Board to amend the CFO issued vide order dated 08-05-2019 to receive the 114 KLD of LTDS effluent from M/s. Dr. Reddy’s Laboratories Limited, FTO-XI through dedicated pipe line and to supply steam from CTO-VI unit to FTO-XI unit.

The representative of the industry attended the meeting and informed that they are manufacturing formulation of injectables in FTO-XI and hence generating only LTDS effluent. We have obtained CFO amendment for FTO-XI unit from Zonal office Visakhapatnam for sending effluents to CTO-VI unit through dedicated pipe line and to supply steam from CTO-VI unit to FTO-XI.

**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 an amendment to CFO & HWA order dated 08.05.2019 issued to CTO-VI unit to receive the 114 KLD of LTDS effluent from M/s. Dr. Reddy’s Laboratories Limited, FTO-XI through dedicated pipe line and to supply steam from CTO-VI unit to FTO-XI.


M/s. Porus Laboratories Pvt. Ltd., has obtained Consent & Authorisation order dated 08.05.2019 with validity upto 31.03.2024. The industry obtained CFE on 31.12.2018 for Three Phases. The industry obtained CFE amendment for change of product mix on 08.08.2019 for Phase-I products. Now the industry applied for 1st CFE & HWA for Phase-I products (22238.59 kg/day) and paid CFE fee for 5 years i.e., up to 31.03.2024.

Now the industry asking for change of name of the second product as mentioned in RO report, for which the industry has to obtained amendment of CFE for change of product mix Phase-I order dated 08.08.2019 for taking the correction in CFO order. The same is not reported by the industry, while obtaining the change in products names, vide CFO amendment order dated 14.08.2019.

The industry obtained CFE for change of product mix Phase-I order dated 08.08.2019, for waste water generation from process as 323.4 KLD & Domestic effluents generation as 10 KLD. Now the industry applied for 1st CFO for the waste waster generation from process as 336.2 KLD and Domestic effluents as 35 KLD. The same was rectified by the industry that due to over site the consumption and waste water generation was miss matched with the CFE order.

**Recommendations:**

After the detailed discussion, the committee recommended to issue to issue CFO&HWA (Expansion) for Phase - I products to M/s. Porus Laboratories Pvt. Ltd., Unit – IV, Sy. No. 87,92/10,106/1C, 106/2C,107/2A, 107/2B, 107/3, 108/1B, 108/2, Akkireddygudem & (V), Musunuru (M), Krishna District for a period upto 30.03.2024 with certain conditions.
7. M/s. Aurobindo Pharma Private Limited, Plot No: 16, APIIC SEZ, Menakuru (V), Naidupet (M), SPS Nellore District.

M/s. Aurobindo Pharma Limited is a pharmaceuticals formulation unit producing Tablets -191.67 Millions/Month & Capsules - 6.25 Millions/Month under phase-I. The Board issued CFE vide order dated 01.09.2014 from the Zonal Office, Vijayawada. The industry has obtained CFO of the Board vide order dt.09.05.2017, for Phase-1 products only, which is valid up to 28.02.2027.

The industry represented to ZO, Vijayawada, for transferring the effluents to CETP Ramky, Parawada was forwarded by Zonal Office, Vijayawada to RO on 06.08.2019. The RO furnished the report on 22.08.2019 to JCEE, UH:II, as the industry was reviewed in EAC committee meeting held on 09.04.2019 the Zonal Office issued direction to the industry vide order dated 24.04.2019. The industry has not complied the directions issued by the EAC committee.

The industry has provided ETP for treating trade effluents. The industry has provided MEE of 60 KLD capacity and provided two No. of 130 KL capacity above the ground tanks for storing MEE feed and two No. of 60 KL tanks for storage of MEE concentrate. The industry has provided 300 KLD of RO for further treatment of effluents coming from ETP outlet. The industry has not provided ATFD for treating MEE concentrate. The industry informed that ATFD will be provided within 2 months i.e. by 31.10.2019. Now the industry proposed to send MEE concentrate of 200 KLD to CETP of Ramky at Parawada, Visakhapatnam and seeking permission up to 30.11.2019 for sending trade effluents to CETP.

Recommendations:

After the detailed discussion, the committee recommended to issue Temporary permission for sending trade effluents of MEE concentrate of M/s. Aurobindo Pharma Private Limited, Plot No: 16, APIIC SEZ, Menakuru (V), Naidupet (M), SPS Nellore District to the CETP of Ramky, Parawada, subject to condition to provide ATFD by 30.11.2019 and no further extension of temporary permission for disposing trade effluents / MEE concentrate to any of the CETP in future.

8. M/s. Shree Cement Limited (Mining), Inuparajupalli & Kachavaram Villages, Karempudi Mandal, Guntur District.

The Board issued CFE to - M/s. Shree Cement Limited for Mining at Inuparajupalli & Kachavaram Villages, Karempudi Mandal, Guntur District on 10.11.2016. Now, the industry applied for 1st CFO & HW Authorization and paid CFO fee for 5 years.

The industry applied for CFO HWA for line of activity is Lime stone mining in opencast method after drilling and blasting followed by transportation through conveyor to the Cement Plant.

The issue of 1st CFO & HW Authorization to the mining activity was placed before the committee as agenda alongwith the RO’s inspection report. The representative of the industry has attended the meeting on the said date.

Recommendations:

After the detailed discussion, the committee recommended to issue 1st CFO&HW Authorization to M/s. Shree Cement Limited (Mining), Inuparajupalli & Kachavaram Villages, Karempudi Mandal, Guntur District for a period of 5 years i.e. upto 30.09.2024 with following certain conditions.

1. Develop Thick Green Belt all around periphery within the buffer area (7.5 meters).
2. The activity shall complete 15.5 Hectors of green belt by 5 years, duly complying the development of the green belt 3.1 Hectors per year.
3. The activity shall leave 175 meters of buffer towards the Inuparajupalli village habitation and shall develop thick green belt within the left over land.

4. The activity shall adopt Shock Tube detonator technique while lime stone blastings are carried out and shall take all necessary measures to minimize the blasting effect in the surrounding environment and habitation.

5. The over burden of 0.77 Million Tones waste generated during the mining for 5 years, shall be back filled within the designated mine area.

6. The activity shall provide water sprinkling arrangements during the freight vehicular movement.

7. The activity shall provide conveying system for material transfer from crusher to main cement plant.

8. The mining activity shall adopt wet drilling method for placing the explosives.

9. The activity garland drain around the mine lease area and shall divert storm water outside the mining area and shall provide rain water harvesting for the rain water is collected in.

10. The activity shall provide CAQQM stations and shall be placed at representative locations.

9. M/s. Chromo Medcare Private Ltd., at Plot No. 66-A, APIIC Industrial Park, Gajulamandyam (V), Renigunta (M), Chittoor District – 1st CFO&HWA

M/s. Chromo Medcare Private Ltd., Chittoor District is an active pharma ingredients manufacturing unit.

The industry obtained EC from SEIAA, Andhra Pradesh vide order dated 02.09.2016.

The Board issued CFE to the industry on 12.07.2017.

Now, the industry applied for 1st CFO&HWA for a period of 5 years i.e. upto 31.07.2024.

The representative of the industry attended the meeting and submitted to the committee that they have provided ATFD, MEE and Stripper and completed ZLD system; provided energy meters; they are not allowing any washings; have purchased scrubber.

The committee noted that most of the conditions mentioned in the CFE order dated 12.07.2017 are not complied by the industry.

**Recommendations:**

After detailed discussions on agenda, report of EE. RO: Tirupati and submissions of the representative of the industry, the committee recommended to REJECT the CFO&HWA application of the industry as the industry has not complied with most of the conditions of CFE order dated 12.07.2017.

The committee further suggested the industry to submit separate application for CFO&HWA duly complying the conditions of CFE order dated 12.07.2017.

10. M/s. Varahi Pharma Pvt. Ltd., Plot No. 233 to 238, Growth Centre, Sy. No. 98 (Part) and 103 (Part) of Thumakunta (V) at Growth Centre, Hindupur (M), Anantapur District - CFO&HWA (Change of Product Mix)

M/s. Varahi Pharma Pvt Ltd, Anantapur District is involved in the manufacturing of Bulk Drugs & Intermediates.

The Board issued CFO&HWA to the industry on 29.12.2017 with validity upto 31.05.2019 and subsequently, the Board vide auto renewal order dated 04.06.2019 has extended the validity of the CFO&HWA order dated 17.01.2017 for period upto 31.05.2024.

The Board issued CFE (Change of Product Mix) to the industry on 14.06.2019.
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Now, the industry applied for CFO&HWA (Change of Product Mix) for a period upto 31.05.2024.

The representative of the industry attended the meeting and submitted to the committee that they have submitted compliance report to the RO; installed separate energy meter to MEE, ETP and RO plant; will provide flow meters to low TDS within one week; will provide auto recording facility to VOC analyzer within one month; will provide sheds within 25 days; presently 4 Tons of Hazardous Waste was stored within the premises.

The Committee noted the following:

1. The industry has not submitted compliance report on the conditions mentioned in the consent order every 6 months to the Regional office/Zonal office.
2. The industry has stored about 8 Tons of inorganic waste within the premises and the industry has not sent any hazardous waste to TSDF, Parawada till now.
3. Hazardous waste was stored below the effluent storage tanks.
4. The industry has stored the chemical drums in the open area on the naked soil and spillages of chemicals were observed in the drums storage area.
5. The industry has not provided flow meter for the inlet of low TDS collection tank.
6. The industry has not installed separate energy meters to MEE, ETP & RO Plant.
7. The industry has not provided auto recording facility to the scrubber.
8. The industry has not constructed separate storm water drains to collect 1st runoff to treat as LTDS effluent.
9. The industry shall properly operate and maintain VOC monitoring system with auto recording facility. But, the industry has provided portable VOC analyser and there is no recording facility to the analyser.
10. The industry has not constructed closed shed with concrete platform with leachate collection facility for the storage of solvent drums.

Recommendations:

After detailed discussions on agenda, report of EE, RO: Anantapur and submissions of the representative of the industry, the Committee recommended to REJECT the CFO&HWA application as the industry has not complied with most of the conditions of CFO&HWA order dated 29.12.2017 and CFE (Change of Product Mix) order dated 14.06.2019.

The committee further suggested the industry to submit separate application for CFO&HWA (Change of Product Mix) duly complying the conditions of CFO&HWA order dated 29.12.2017 & CFE (Change of Product Mix) order dated 14.06.2019.