**MINUTES OF THE CFO COMMITTEE MEETING HELD ON 03.07.2019**

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

The following were present:

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<tr>
<th>S. No</th>
<th>Name of the Member</th>
<th>Member</th>
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<tbody>
<tr>
<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>Prof. J. R. Karthikeyan, College of Engineering, S V University, Tirupathi.</td>
<td>Member</td>
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<tr>
<td>4.</td>
<td>Prof. R. Padmasree, Department of Chemical Engineering, AU College of Engineering (A), Andhra University, Visakhapatnam.</td>
<td>Member</td>
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<tr>
<td>5.</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.
01. M/s. Azico Biophore India Pvt., Ltd. (M/s. Azico Pharmaceuticals Pvt. Ltd.) Plot No.40/A, JNPC, Parawada, Visakhapatnam District

The Board vide order dated 09.02.2017 issued CFO & HWA for manufacturing 41 products (including validation product) with total production capacity of 440.65 Kgs/day with a validity period upto 31.12.2021. The Board vide order dated 12.05.2019 issued CFE Expansion to manufacture 42 products (including validation product) with a maximum production quantity of 634.99 Kg/day. Now, the industry applied for CFO & HWA expansion through APOCMMS.

The representative of the industry attended the meeting and informed that they will not exceed the quantities mentioned in the CFO order in future; will install double stage scrubbers to the pilot plant and corrosive block within 3 months; will provide pH meter with data logging system to the scrubbers within 2 months; will provide cover and scrubber to the LTDS and HTDS effluent storage tanks to avoid the smell nuisance within 60-90 days; will provide vent condensers to the solvent storage tanks to prevent solvent vapors within 2 months; will provide individual water meters to ascertain water consumption for Process, Washing, Boiler Feed, Cooling tower makeup, DM Plant, Scrubbing system, Domestic and Gardening within 1 month; will not manufacture full capacity at any point of time i.e., will not exceed the permitted load of 60.80 KLD.

The committee noted that the effluent generation capacity as per the application is more than the agreement load with the CETP operator. The committee opined that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.

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 order for expansion with a validity period up to 31.12.2021 with a condition that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.


The Board vide order dated 20.05.2016 issued CFO & HWA to manufacture 9 No. of products in 2 groups on capaign basis i.e., only one group of products at any point of time (Group A - 1666.66 Kgs/day) with a valid period upto 30.04.2021. The Board vide order dated 28.12.2016 issued CFE cum CFO for change of product mix with 19 No. of products i.e., 18 regular Products and 1 validation products with a maximum production quantity of 1409.92 Kg/day is valid upto 30.04.2021. Further the Board vide order dated 12.05.2019 issued CFE expansion to manufacture 30 Nos. of products (Including validation products) with maximum production quantity of 2195.80 Kg/day. Now, the industry has applied for CFO & HWA Expansion through APOCMMS for expansion capacities.

The representative of the industry attended the meeting and informed that they will not manufacture full capacity at any point of time & will not exceed the permitted effluent load of 87.0 KLD; the industry is segregating the LTDS & HTDS effluent but not able to meet inlet parameters of the CETP and hence it is being treated as HTDS effluent; now onwards the segregation will improved further so as to meet the inlet parameters; The production will be restricted to the consented capacity; Hazardous waste will be disposed within 90 days; Detoxification facility for containers & container liners will be provided within 15 days; hood on top of the effluent storage tanks will be provided within 60-90 days; closed centrifuges to reduce solvent loss were already provided; vent condensers for the solvent storage tanks will be provided within 2 months; hood on top of the effluent storage tanks will be provided within 60-90 days; Yeduruvanipalam Village

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was shifted under re-habitation and no one is residing there.

The committee noted that the effluent generation capacity as per the application is more than the agreement load with the CETP operator. The committee opined that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.

**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 order for expansion with a validity period up to 30.04.2021 with a condition that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.

03. **M/s. Rakshit Drugs Pvt. Ltd., (formerly M/s. Tridax Laboratories Ltd.), Plot No.4, J.N. Pharmacy, Parawada (M), Visakhapatnam District**

The Board vide Order dated 28.02.2011 issued CFE to M/s Tridex Laboratories Limited. M/s. Rakshit Drugs Pvt. Ltd., has purchased M/s Tridex Laboratories Limited. The Board vide order dated 30.08.2018 issued CFE Amendment for change of name to M/s. Rakshit Drugs Pvt. Ltd., & CFE validity was extended for a period up to 31.08.2019. The Board vide order dated 22.04.2019 issued CFE expansion to manufacture 34 products with a production capacity of 4919.09 Kgs/day. Now, the industry applied for CFO & HWA (fresh) through AP OCMMS period up to 31.05.2023.

The representative of the industry attended the meeting and informed that they will not manufacture at full capacity at any point of time and total effluent generation will not exceed 251.20 KLD; balance green belt will be developed in this monsoon period; Installed the water meters to ascertain the stream wise water consumption; constructed storm water collection tank to collect the first flush; Hood on top of the effluent storage tank and scrubber to the vent will be provided within 2 months; pH meter to the scrubber with data logging facility will be provided within 60-90 days; VOC meter with data logging facility will be provided within 60-90 days; flow meters to record the HTDS and LTDS effluent sent to CETP and web camera will be provided before starting production; will provide auto dispensing system to the scrubber so as to maintain alkali nature consistently to avoid release of acidic emissions at any point of time within 3 months.

The committee noted that the effluent generation capacity as per the application is more than the agreement load with the CETP operator. The committee opined that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.

**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 (fresh) order with a validity period up to 31.05.2023 with a condition that the industry shall restrict its effluent generation as per the agreement capacity, in case of the CETP/MEE capacity of JNPC is not sufficient.

04. **M/s. Gland Pharma Ltd., Plot No.49 & 50, JN Pharmacy, Parawada, Visakhapatnam District**

The Board vide order dated 21.06.2018 issued CFE & HWA to manufacture 49 No of products which includes R & D products with maximum production capacity of 274.33 Kgs / day with a validity period up to 31.08.2021. Further, the Board vide order dated 08.05.2019 issued CFE expansion. Now the industry applied for CFO & HWA through APOCMMS for expansion capacity.

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- CHAIRMAN
The representative of the industry attended the meeting and informed that the balance green belt area will be developed in this monsoon season; the industry is segregating the LTDS & HTDS effluent but not able to meet inlet parameters of the CETP and hence it is being treated as HTDS effluent; now onwards the segregation will improved further so as to meet the inlet parameters; and will provide vent condensers to the solvent storage tanks by 30.11.2019.

The committee noted that in the earlier CFE verification report, the quantity of Enoxaparin Sodium was mentioned wrongly as 3.33 kgs/day instead of 25 kg/day and its raw material Heparin Sodium Crude quantity was mentioned as 6.67 kg/day instead of 25 kg/day. The same error was reflected in the CFE order dt: 08.05.2019.

**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 order for expansion with a validity period up to 31.08.2021.

Further, the Committee recommended to incorporate the quantity of Enoxaparin Sodium as 25 kg/day and its raw material Heparin Sodium Crude quantity as 25 kg/day and communicate the copy of the CFO order to the CFE section for record.

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<th>05. M/s. Saraca Laboratories Limited, Boyapalem (V), Ranasthalam (M), Srikakulam District</th>
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<td>The Board vide order dated 13/03/2015 issued CFO for production capacity 25,415 Kg/Day (5 products from Group-A 1 Product from Group-B) with a validity upto 30/11/2017 and extended the validity through auto renewal upto 30.11.2022. Further, the Board vide order dated 01/05/2019 issued CFO for change of product mix for production capacity 25415 kg/day ( five products from group A &amp; one product from group B with max production capacity 1700 Kg/Day). Now the industry applied for CFO change of product mix through OCMMS.</td>
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<td>The representative of the industry attended the meeting and informed that they are treating MEE concentrate in closed system; will provide magnetic flow meter at inlet of MEE within 1 month; online monitor to the incinerator will be provided within 1 month; provided scrubbers with online pH meter for control of HCl fumes; producing Methane Sulphonic acid from Methyl Mercaptan gas; provided elevated platform with dyke walls and leachate collection system for raw material and Hazardous waste storage; will provide separate strippers to the MEEs within 2 months; improving housekeeping by arresting leakages at all the vulnerable areas; stopped mixing of Hazardous waste and husk/ash; maintaining 800°C to 900°C in the primary chamber and 1050°C to 1100°C in secondary chamber; flash steam was released at the time of inspection for preventive maintenance; damaged bag filters were replaced on 03.06.2019; provided leachate collection system for floor washings; submitted consolidated data of production records; and monitoring vents of storage tanks and workroom concentrations.</td>
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<td>The Committee opined that the industry need to provide guard ponds with a storage capacity equaling 10 days effluent generation (i.e., 108 KL x 10). The industry shall provide guard ponds in consultation with RO, Srikakulam.</td>
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**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 order for change of product mix with a validity period up to 30.11.2022 with a condition that that the industry shall provide guard ponds with a storage capacity equaling 10 days effluent generation (i.e., 108 KL x 10) in consultation with RO, Srikakulam.
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<th>06.</th>
<th>M/s. Silicon Life Sciences Pvt. Ltd., Plot No.41, JN Pharmacy, Thanam (V), Parawada (M), Visakhapatnam</th>
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<td>The Board vide order dated 18.12.2018 issued CFO for 8 No. of products with a maximum production capacity of 540 Kg/day which is valid up to 31.03.2022. The Board vide order dated 22.03.2019 issued CFE (Expansion) for 11 No. of products and permitted to manufacture any 6 products on campaign basis with a maximum production quantity of 660.67 Kg/day. Now, the industry applied for CFO (Expansion) of the Board through OCMMS. The representative of the industry attended the meeting and informed that they will develop the balance green belt by end of December 2019; provided nitrogen blanketing with breather valves to the solvent storage tanks to control VOC emissions; and will provide sheds for storage of chemical drums within 20 days.</td>
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<td><strong>Recommendations:</strong> 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 for expansion with a validity period up to 31.03.2022.</td>
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<th>07.</th>
<th>M/s. Govt Hospital for Mental Care, Visakhapatnam District</th>
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<td>The Board vide order dated 18.06.2015 issued Bio Medical Waste Authorization for 300 beds valid up to 31.01.2018. Now, the HCF applied CFO &amp; HWA (First time) &amp; BMWA (Renewal) for a period upto 31.01.2021 for 300 nos of beds. The representative of HCF attended the meeting and informed that they are disposing the bio-medical waste to the CBMWTF; providing STP to treat the waste water generated; present civil works were completed, equipment arrived to the site, expected to be installed within 15 days.</td>
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<td><strong>Recommendations:</strong> After detailed discussions on verification report of the EE, RO: Visakhapatnam, agenda and submissions of the representatives of the HCF, the committee recommended to issue CFO &amp; HWA (First time) &amp; BMWA (Renewal) for a period upto 31.01.2021 for 300 nos. of beds.</td>
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<th>08.</th>
<th>M/s. Santhiram Medical College &amp; General Hospital, Sy.No.598-605, Udumulaparam (V), N.H-40, Nandyal (M), Kurnool District</th>
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<td>The Board vide order dated 06.02.2015 BMW authorization with a validity upto 30.06.2016 for 450 beds. Now, the HCF applied CFO &amp; HWA (First time) &amp; BMWA (Renewal) for a period upto 31.05.2022 for 690 nos of beds. The representative of HCF attended the meeting and informed that they are facing problem in segregation of waste as patients and their attendants are not aware of color coding of bins; providing continuous training to the staff; provided dedicated temporary storage shed for BMW; NABH accreditation is under progress; will provide water meters and energy meter to the STP within 1 week; and requested the Board to give time to pay the balance CFO fee of Rs.9,00,000/- in regular intervals for every quarter.</td>
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<td><strong>Recommendations:</strong> After detailed discussions on verification report of the EE, RO: Kurnool, agenda and submissions of the representatives of the HCF, the committee recommended to issue CFO &amp; HWA (First time) &amp; BMWA (Renewal) for a period upto 31.05.2022 for 690 nos of beds. Further, the Committee recommend to permit HCF to pay backlog fee of Rs.9,00,000/- in four quarters i.e., @ of Rs. 2,25,000/- . Per quarter.</td>
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M/s. Panasonic Carbon Co Limited is involved in the production of Midget Electrodes for Dry Cell Batteries – 540 TPM and obtained CFO from the Board with validity up to 28.02.2024. The industry has submitted a request for usage of pet coke as raw material and requested to issue certificate that the industry is using superfine coke only as raw material not as fuel.

The industry representatives attended the meeting and submitted that Carbon rods (Midget Electrodes) are used in dry battery manufacturing unit because carbon rod is a conductor for electrons and non-corrosive material. In carbon rod manufacturing process Coal coke, Petroleum coke, Graphite and Superfine Needle Coke (Processed Pet Coke) are used as raw materials along with Coal tar pitch as binding material. It is the only industry in India manufacturing Carbon Electrodes.

They submitted except application both Graphite and Carbon Electrodes are same. They further submitted to the committee that they have represented to DGFT and also applied to MoEF to include their industry i.e. Carbon Electrode Industry for free import of Pet Coke. They further informed that Superfine Needle Coke is not used as a fuel by them. As there is no manufacturer of this product in India, they are importing the same from Japan. They requested to issue certificate that the industry is using Superfine needle coke as raw material not as fuel.

The committee noted that the present notification issued by the Director General of Foreign Trade, Ministry of Commerce and Industry mentions only graphite electrode industry but not carbon electrode industry.

Recommendations:

After detailed discussions, the committee recommended to write to the Ministry of Environment, Forest and Climate Change to examine the issue of inclusion of carbon electrodes manufacturing industry, for free import of superfine needle coke as a raw material in the import policy of pet coke.


The Board has issued CFO &HWA to M/s. Semcorp Energy India Limited (formerly M/s. Thermal Powertech Corporation India Limited), Painampuram & Nelaturu Villages, Muthukur Mandal, SPSR Nellore District for Power Generation of 1320 MW on 21.11.2016 duly stipulating conditions including that the industry shall relocate the CAAQM station provided at Sea intake point to suitable location in consultation with RO, Nellore. This condition was earlier stipulated as the point is abutting to tall building which may obstruct to give realistic value. The industry approached the RO, Nellore with a request for permission to continue in plant CAAQM stations at existing locations.

The RO later submitted that the industry provided closed conveyor system for transportation of coal from Krishnapatnam port to onsite, which is passing near to the CAAQM station - 3 and it is possible to record CAAQM levels to monitor fugitive emissions if any, during transportation of coal from the Krishnapatnam port.

The industry representative attended the meeting and submitted to the committee that four CAAQM stations are located to cover all four directions of their main plant operations and CAAQM station 3 is at sea water intake. He further submitted to the committee that the predominant wind directions in the location are South East and East in most of the year. The CAAQM 3 station is located at the present location considering wind direction, village and coal corridor. He requested the committee for permission to continue the CAAQM – 3 at sea intake point.

[Signatures]

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MINUTES OF THE CFO COMMITTEE MEETING HELD ON 03.07.2019

11. M/s Geo Mysore Services (India) Pvt. Ltd., Sy.No.599, 600 etc., Jonnagari, Pagadirai & Yerragudi (V), Tuggali (M), Kurnool District - Auto Renewal of CFO&HWA - Reg.

M/s Geo Mysore Services (India) Pvt. Ltd., Kurnool District is engaged in exploratory mining operations for Gold ore in an area of 250 Acres within 1500 Acres.

The Board issued CFO&HWA to the mining unit on 13.07.2016 with validity upto 30.06.2017 for Exploratory mining operations of Gold ore.


Now the mining unit has applied for Auto Renewal for extension of validity of CFO&HWA for exploratory mining operations for Gold ore for one more year i.e. upto 30.06.2020.

The CFO committee noted the following:

1. A complaint was received from PMO office to Ministry of Mines against the mining unit.
2. The issue was placed in the External Advisory Committee (Task Force) meeting held on 14.06.2019.
3. The complaint pertains to the issue of allotment of mining lease to M/s. Geo-Mysore Services (India) Ltd.

Recommendations:

After detailed discussions on the agenda and report of EE, RO: Kurnool, the committee recommended to issue Auto Renewal for one more year i.e. upto 30.06.2020 for Exploratory mining operations for Gold ore subject to submission of clearance in lease aspects from Indian Bureau of Mines (IBM).


M/s. Sri Sai Sindhu Industries Ltd (Formerly M/s. Sai Sindhu Sponge Iron Pvt. Ltd), Anantapuram District is involved in the manufacturing of Sponge Iron.

The Board issued CFO&HWA to the industry on 27.05.2016 with validity upto 31.12.2017 for manufacture of Sponge Iron - 175 TPD and Co-Generation Power Plant - 8MW.

The industry has applied for renewal of CFO&HWA of the Board on 05.07.2018 and the RO: Kurnool submitted a detailed verification report to the Board office: Vijayawada on 19.07.2018 for taking further necessary action. The Board after careful examination of the CFO application of the industry and report of the EE, RO: Kurnool, the CFO Application of the industry was rejected under Section 25(4) (b) of the Water Act and under Section 21 (4) of the Air Act for non-compliances of conditions stipulated in the CFO&HWA order dated 27.05.2016 and Task Force directions dated 17.03.2017.

The industry vide letter dated 18.09.2018 has submitted representation to the Zonal Office: Kurnool along with compliance of the reasons mentioned in the CFO rejection letter dated 24.07.2018 and requested for the renewal of the CFO&HWA of the Board. The officials of ZO: Kurnool inspected the industry on 29.04.2019 and submitted the report.

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CHAIRMAN
vide letter dated 02.05.2019.

The representatives of the industry attended the meeting and submitted to the committee that M/s. Sri Sai Sindhu Industries Ltd. was taken over by M/s. Sugna Sponge & Power Private Limited and they are in the process of obtaining Certificate of Incorporation from Registrar of Companies; will provide continuous online stack monitoring systems with 2-3 weeks; will provide 4 Nos. of AAQMs stations within 1 month in the core zone as well as buffer zone for RSPM, SPM, SO2, NOX monitoring; they are in the process of upgradation of activation recorder for emergency cap opening which takes 2-3 weeks; will concrete or asphalt the internal roads and work area within 2-3 months; submit a bank Guarantee of Rs.5.0 Lakhs within one week towards compliance of Board directions; got approval from social forestry and planning for 1000-2000 saplings plantation in this monsoon.

The committee noted that the consent fee paid by the industry is sufficient for a period upto 31.12.2019.

Recommendations:

After detailed discussions on the agenda, report of SEE, ZO: Kurnool, submissions of the representative of the industry, the committee recommended to issue Renewal of CFO&HWA for a period upto 31.12.2019 duly mentioning the time lines with certain conditions.