MINUTES OF THE CFO COMMITTEE MEETING HELD ON 23.10.2017

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, Member Secretary, A.P. Pollution Control Board, Hyderabad</td>
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<td>2.</td>
<td>Dr. A.V.V.S. Swamy, Head, Department of Environmental Sciences, Acharya Nagarjuna University, Guntur</td>
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The Member Secretary 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.
VISAKHAPATNAM ZONE:

1. M/s. SMS Pharmaceuticals Limited (Unit-VII), Kandivalasa (Village), Pusapatirega (Mandal), Vizianagaram District

M/s. SMS Pharmaceuticals Limited (Unit-VII), Vizianagaram District is Bulk Drugs & Drug intermediates manufacturing unit. The industry earlier obtained CFO&HWA of the Board on 05.11.2016 with validity upto 31.10.2017. The industry has obtained CFE (Change of Product Mix) on 14.08.2017 to manufacture 24 Nos. of Bulk Drug products. Now the industry has applied for CFO of the Board for Change of product mix for a period upto 31.10.2020. The industry has provided 1 tank of capacity 200 KLD for the storage of treated effluents before discharge into marine out fall. The industry provided flow meter, Online pH, TSS, COD, BOD analyzers as per the CPCB Norms besides Web Camera also the industry shall provide Continuous ambient air quality monitoring (CAAQM) station and data shall be connected to Board website.

Recommendations:

After detailed discussions on the report of the EE:RO - Vizianagaram and the agenda, the committee recommended to issue CFO for Change of Product Mix (CPM) for a period upto 31/10/2020 duly incorporating the following conditions:

1) The industry shall provide online pH meter with recording facility for the scrubbers to ensure effective operation.

2) The industry shall provide flow meters to record treated effluent reused.

3) The industry shall provide the guard ponds to store 10 times capacity of day hydraulic load of effluent generation.

2. M/s. Mylan Laboratories Ltd., Unit - 9, Plot No. 5, Jawaharlal Nehru Pharma City, Parawada (Village & Mandal), Visakhapatnam District.

M/s. Mylan Laboratories Ltd., Unit - 9, Plot No. 5, Jawaharlal Nehru Pharma City, Parawada (Village & Mandal), Visakhapatnam District is a Bulk Drugs & Drug intermediates manufacturing unit. The industry earlier obtained CFO&HWA of the Board on 05.11.2016 with validity upto 31.10.2017. The industry obtained CFO for Change of Product mix on 18.03.2016 with validity upto 31.10.2016. The industry also obtained CFE - Change of Product Mix (CPM) of the Board vide Order dated 28.02.2017 and amendment vide order dt 12.09.2017 to manufacture either Group - 1 or Group - 2 along with one product from campaign products at any point of time with maximum production capacity of 2267 kgs/day. Now the industry applied for CFO - CPM. The industry has manufactured 13 products in which 10 are consented products and remaining 3 products are un-consented, which are claimed under validation products. The average production quantity of 540.58 Kgs/day during the period March 2017 to August 2017. The industry is having stripper of capacity 5 KL/hr at ETP for reduce the COD concentration from effluent. The stripper distillate is being sent to TSDF / Cement industry. The industry has installed continuous stack monitoring and ambient monitoring station within the premises. The industry has developed greenbelt in an extent of 0.5 Acre. The industry has planted 10,000 saplings under Green Visakha. The industry also obtained CFE - CPM of the Board on 28.02.2017 and amendment on 12.09.2017 to manufacture either Group - 1 or Group - 2 along with one product from campaign products at any point of time with maximum production capacity of 2267 kgs/day. Now the industry has applied for CFO of the Board for Change of product mix for a period upto 31.10.2020.

Recommendations:

After detailed discussions on the report of the EE:RO-Visakhapatnam and the agenda, the committee recommended to issue CFO for Change of Product Mix (CPM) for a period upto 31/10/2020 duly incorporating the following conditions:

MEMBER SECRETARY
1. The industry shall not manufacture new product without obtaining CFE/CFO of the Board.
2. The industry shall implement the auto system for adding the acid / alkali to all the process scrubbers as the industry is located in the close vicinity to Tadi Village.
3. The industry shall operate stripper operation day time only as the industry is located in the close vicinity to Tadi Village.
4. The industry shall complete the Green Visakha Targets by November 2017 and geo tag all the plants.

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<tr>
<th>M/s. Smilax Laboratories Ltd., Unit - 4, Plot No.70, Jawaharlal Nehru Pharma City, Parawada(Village &amp; Mandal), Visakhapatnam District.</th>
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<td>M/s. Smilax Laboratories Ltd., Unit - 4, Visakhapatnam is a Bulk Drugs manufacturing unit. The industry earlier obtained CFO&amp;HWA of the Board on 19.01.2017 with validity period upto 31.12.2021. The industry has also obtained CFE (Change of product mix) on 11.07.2017. Now the industry has applied for CFO of the Board after change of product mix for a period upto 31.12.2021. The representatives of the industry attended the meeting and submitted to the committee that the solvent in the 500 drums were taken for recovery and re-use, also The industry has installed web camera to flow meters and connected to CPCB website and provide energy meter to the Bag filter will be installed by the end of November, 2017.</td>
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**Recommendations:**

After detailed discussions on the report of the EE:RO -Visakhapatnam and the agenda, the committee recommended to issue the CFO (CPM) may be considered up to 31.12.2021 duly incorporating the following conditions:

1. The industry shall not manufacture un-consented products.
2. The industry shall explore the possibility of installing hood to HTDS effluent storage tanks and vent connected to the scrubber.

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<th>M/s. E.I.D. Parry (INDIA) Limited (Distillery), Sankili (Village), Regidi Amadavalasa (Mandal), Srikakulam District.</th>
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<td>M/s. E.I.D. Parry (INDIA) Limited (Distillery), Srikakulam District has earlier obtained CFO of the Board on 27.10.2014 and further obtained Auto Renewal CFO order on 05.11.2016 with validity upto 31.10.2021. The industry later obtained Amendment to the Environment Clearance wherein it a condition was incorporated as mentioned below :</td>
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> "Spent Wash shall be treated through bio-methanation followed by RO. Permeates will be recycled/reused for the process and cooling tower make up. Rejects will be concentrated in the MEE. Concentrate will be dried through ATFD and drum dryer to achieve dried powder. The dried powder will be sold as potash fertilizer. By using this technology, the distillery can be operated for 365 days". |

In this regard, the legal hearing was conducted before the External Advisory Committee (Task Force) and issued a direction was issued to the industry that **"The industry shall obtain CFE and CFO for operation of ATFD of 65 TPD capacity consisting of 3 Nos. of dryers for generation of potash fertilizer and for compliance of conditions stipulated in the MoEF & CC Amendment dated 25/02/2015".**

Now, the industry has applied for CFO Amendment of the Board for the drier of capacity 65 TPD for generation of Potash Fertilizer as by-product.

**Recommendations:**

After detailed discussions on the report of the EE:RO-Vizianagaram and the agenda, the committee recommended that the industry shall obtain CFE for the ATFD of 65 TPD capacity consisting of 3 Nos. of dryers for generation of potash fertilizer and then
approach for CFO.
The EE:RO – Vizianagaram shall process the industry’s application for the CFE of the Board as per the procedure.

5. M/s. NCS Industries Pvt., Ltd., (Storage Terminal), Near Light House, Vakalapudi, Thammavaram (Village), Kakinada (R), East Godavari District.

M/s. NCS Industries Pvt., Ltd., (Storage Terminal), East Godavari District is a Storage terminal for Petroleum and Chemical Products. The facility is handling Petroleum class A/B products, Petroleum Class C products, Edible Oil & Chemicals – Benzene, Styrene, Palm Fatty Acid, Ethanol, Methanol, Acetone, Caustic Soda Lye, Styrene Monomer, Base Oil, Methanol, Hexane, Normal Hexane, Mix-Xylene, Isopropyl Alcohol, Solvent C-9, Toluene, Sulphuric Acid, Phenol, Edible oil & Gas Condensate and having storage tanks - 15 Nos with capacity of about 2500 KL each. The facility provided Oil Water separator to separate oil from the rainwater coming from the spillages during loading operations and tank storage area. Industry provided dyke walls with collection pit to all storage tanks. The spillages if any are collected in collection pits and are further treated in oil water separator. The treated water is being used for plantation within the industry premises. The domestic effluents generated are disposed in to septic tanks. The facility provided fire-frightening facilities and provided the water storage capacity of 2 x 1000 KL. The facility generates Tank Bottom Sludge of about 1 TPA and same is disposed to authorized agencies. The industry earlier obtained CFO&HWA of the Board on 17.03.2015 with validity upto 31.08.2017 and now applied for the renewal of the CFO & HWA.

Recommendations:
After detailed discussions on the report of the EE:RO – Kakinada and the agenda, the committee recommended to issue CFO&HWA renewal for a period upto 31.08.2022 duly stipulating relevant conditions.

VIJAYAWADA ZONE:


Now the industry has applied for Renewal of CFO&HWA of the Board for a period of one year i.e. upto 30.11.2018.

The industry representatives attended the meeting and submitted to the committee, that they are not in operation for more than one year due to market issues; already relocated two CAAQMS; Already provided rain water harvesting structures in the plant; fly ash is being used for brick making, in building work, RCC roads, development of internal roads and meagre quantity is stored in the plant; ash pond already modified; web camera installed in the coal stockyard; environmental wing already formed; FGD cannot be provided because of huge investment and lime is being added in the system; because of imported coal sulphur content is low and requested that slurry system may not be insisted as the coal contains low ash;

Recommendations:
After detailed discussions on the agenda, RO report and industry submissions, the committee recommended to renew the CFO&HWA upto 31.11.2018 duly stipulating the following conditions after submission of the commitment duly mentioning the timelines to comply with the non-compliances on the following issues:

1. The industry has to pay CFE fee of Rs.10.0 Lakhs on the increased investment of from
Rs.2818.0 Cr to Rs.4455.10 Cr.

2. The industry shall conduct marine water quality monitoring at Kandaluru creek quarterly and submit analysis reports to the RO: Nellore, APPCB.

3. The industry shall comply for changeover of disposal point of waste water from Kandaluru creek to sea. The changeover of the disposal of the waste water to be given priority and shall be completed within one year time period.

4. The industry shall implement adequate measures to ensure compliance with discharge standards for environment pollutants and guidelines for discharge point for condenser cooling water as notified at S.No.B4 of Schedule - I of E(P), Rules, 1986 and amendments thereof.

5. The industry shall monitor the ground water quality for mercury and other heavy metals (Hg, Cr, As, Pb, etc) around the ash handling area including surface water bodies in the vicinity. The monitoring data shall be compared with baseline data and requisite measures shall be implemented to prevent any kind of direct/indirect contamination of water resources in the project surroundings.

6. The industry shall adopt closed circuit cooling system with natural draft cooling system. The effluents from cooling tower shall be treated as per prescribed norms. In no case cooling tower blow down effluents shall be used for ash handling.

7. The industry shall provide Rain Water Harvesting (RWH) structures within the plant site.

8. The industry shall achieve 100% disposal of fly ash and bottom ash as per Fly Ash Notification issued by MOE&F, GOI vide S.O. 2804 (E), dated 3.11.2009 and submit compliance report every quarter to RO-Nellore.

9. The industry shall store the fly ash in silo only and dispose the same from time to time without storing it openly. The industry shall under take loading the fly ash directly into the trucks from ash silo.

10. Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from day one of operation of the plant on enhanced capacity as per MoE&F, GOI Order order dt. 01.01.2010. Mercury and other heavy metals (As, Hg, Cr, Pb etc.) shall be monitored in the bottom ash as also in the effluents emanating from the ash pond. No ash shall be disposed off in low lying area.

11. The ash slurry is to be conveyed to the ash pond by ash slurry pumps & pipes. The ash pond is to be constructed in compartments such that the dyke is formed to contain the ash slurry.

12. Ash pond shall be lined with impervious lining, HDPE/LDPE or any other suitable impermeable lining materials such that at any instance, no leachate takes place. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached. After settlement of slurry, the overflow shall be collected in settling tank from where the treated wastewater shall be pumped back to the plant for reuse.

13. The industry shall provide water sprinklers around ash ponds to control fugitive emissions generated from ash ponds before disposing ash to ash ponds.

14. Provision for flue gas Desulphurisation Plant shall be provided.

15. The industry shall relocate the installed CAAQM stations (2 Nos.) from the present location to appropriate places in consultation with ZO: Vijayawada within one month.

16. The industry shall ensure that regular mock drills shall be carried out for checking on-site emergency plan prepared and also to ensure changes / improvements required in the plant.
17. Green belt of adequate width and density shall be developed along the boundary of the industry with minimum area of 33% of total area including around coal yard and ash pond.

18. The industry shall comply with all the conditions stipulated in CRZ Clearance dated 23.07.2009.

19. All Thermal Power plants shall adopt soil reclamation methods and to select specific type of tree species, which are endemic to local ecological conditions for the sustenance and growth.

20. All Thermal Power plants shall set up web cameras at all coal stock yards to monitor operation of water sprinkling systems for effective fugitive dust mitigation on to the surroundings within one month.

21. All Thermal Power plants shall set up a dedicated Environmental Wing fully equipped with expertise to ensure Environmental Compliance in all aspects.

22. M/s. Simhapuri Energy Pvt. Ltd., and other power plants shall install dedicated pipe line system for transportation of ash from boiler section to ash pond area to control fugitive emissions.

23. The industry shall comply with the Task Force directions dated 16.05.2017.

7. M/s. The KCP Limited, (Cement Unit - II), Rama Krishnapuram, Muktyala (V), Jaggaiahpet (M), Krishna District - Auto Renewal

M/s. The KCP Limited, (Cement Unit - II), Krishna District has obtained Combined CFO&HWA of the Board on 12.01.2017 with validity upto 30.11.2017 for usage of alternative fuels.

Now the industry has applied for Auto Renewal of CFO&HWA of the Board through Scheme of Green Channel for a period of 5 years i.e. upto 31.05.2021.

Recommendations:
After detailed discussions on the agenda and RO report, the committee recommended to issue the renewal of CFO under Auto Renewal process up to 31.05.2021.

8. M/s. CKS Pharma Labs Private Ltd., R.S.No. 24/1, 24/2, Part of 26 and 27, Vedadri (V), Jaggayyapet (M), Krishna District

M/s. CKS Pharma Labs Private Ltd., Krishna District is involved in the manufacturing of Bulk Drugs. The industry earlier obtained CFO&HWA of the Board on 13.03.2015 with validity upto 30.09.2017. Now the industry has applied for Renewal of CFO&HWA of the Board for a period of five years i.e., upto 30.09.2021.

The industry representatives attended the meeting and submitted to the committee that they have taken over the sick industry and in the process of commencing regular production. Earlier they carried out small trial batches which did not generate much wastewater. They further submitted that they will apply for CFE for Change of Product mix after obtaining CFO&HWA; water cess DD will be submitted soon; online pH meter to scrubber and online VOC meter will be installed by November, 2017; Drums detoxification facility already provided; web camera installed; ZLD system will be put into operation in next month.

Recommendations:
After detailed discussions on the agenda, RO report and industry submissions, the committee recommended to issue CFO & HWA to the industry for a period upto 30.09.2021 with the following conditions along with the other conditions:

1. The industry shall commence the production after ensuring the functioning of ZLD system and report compliance to RO: Vijayawada.

[Signature]

MEMBER SECRETARY
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 23.10.2017

2. Separate storm water drains shall be constructed within 6 months.
3. Separate energy meter shall be provided to the ZLD system.
4. Online pH meter with auto recording system shall be provided to the scrubber by November, 2017 and report compliance to RO: Vijayawada.
5. Online VOC analyser with recording facility at the strategic locations shall be provided by November, 2017 and report compliance.

KURNOOL ZONE:

9. M/s. Shree Radhey Krupa Concast India Limited, (Unit-I), Plot.No.41, APIIC Industrial Park, Gollapuram (V), Hindupuram (M), Anantapuram District

The industry is a Ferro Alloy manufacturing unit. The industry earlier obtained CFO&HWA of the Board on 07.2012 with validity upto 31.03.2013. Now the industry has applied for renewal of CFO&HWA for a period of six years i.e., from 04.2013 to 03.2019.

The industry representative attended the meeting and explained to the committee that the industry was not in operation since 2013. The industry was taken over by the new management and has started trial operations in the month of June, 2017 and applied for renewal of CFO&HWA. The representative requested the committee to give Six months time to complete the earlier CFO non-compliance conditions as they have newly taken over the industry. The representative of the industry also informed that they will provide separate flow meters for assessing the water consumption within one month; platform with railing to the stacks in one month; continuous monitoring system for the stack in three months; interlocking system within one month; procured separate energy meters and will be installed to the APCEs by November 2017 and provide water sprinkling system around the raw material areas.

Recommendations:

After detailed discussions on the agenda, RO report and industry submissions, the committee recommended to issue CFO &HWA to the industry for a period upto 31.10.2018 with the following conditions along with the other conditions. Further, the industry will be reviewed after one year.

1. The industry shall provide separate flow meters for assessing the water consumption for cooling tower makeup and domestic purposes within one month.
2. The industry shall provide platform with railing to the stacks attached to submerged arc furnaces to carryout stack monitoring within one month.
3. The industry shall install continuous monitoring system for the stacks attached to submerged arc furnaces within three months.
4. The industry shall provide interlocking system between APCE and fuel (electricity) feeding system and also not provided roof extraction system connected to APCE to control the emissions from the industry within one month.
5. The industry shall provide separate energy meters to verify the operation of the status of APCE and also not maintain log register for APCE equipment by November 2017.
6. The industry shall provide water sprinkling system around Manganese ore, Quartz, Dolochar, Dolomite storage areas and shall take necessary control measures to control fugitive emissions.
7. The industry shall develop & maintain green belt in an area of 33% of the total area in the premises and shall take proper measures for survival of the saplings planted.

HWM CASES:

10. M/s. Meloy Metals Pvt Ltd, (Formerly M/s. Vedam Drugs Pvt Ltd), Plot No.78C, IP, Gajulamandyam, Renigunta Mandal, Chittoor District, A.P.

M/s. Meloy Metals Pvt Ltd, (Formerly M/s. Vedam Drugs Pvt Ltd), Chittoor District is

Recommendations:
After detailed discussions on the agenda and RO report, the committee recommended to issue the Registration Certificate cum Passbook of the industry duly stipulating the conditions.

RATIFICATION CASES:

11. M/s. ONGC (Malleswaram Early Production System (EPS), Chinapandrika (V) Kruthivennu (M), Krishna District

M/s. ONGC (Malleswaram Early Production System (EPS), Krishna District is working under Rajahmundry Asset, operating with production of Natural Gas - 10000 SCM and Crude Oil - 60m³/day. The industry earlier obtained CFO&HWA of the Board on 03.12.2016 with validity upto 31.08.2016.

Now the industry applied for Renewal of CFO&HWA of the Board for a period of 5 years i.e. upto 31.08.2021. The Board issued CFO&HWA order to the industry on 16.10.2017 for a period of 5 years i.e. upto 31.08.2021 duly stipulating the conditions.

Recommendations:
The committee noted and ratified the issue of CFO&HWA Renewal to the industry.

12. M/s. Susaah Laboratories Pvt. Ltd., Plot No.7B, Phase-II, Industrial Park, Nadikudi (V), Dachepalli (M), Guntur District - Auto Renewal


Now the industry has applied for Auto Renewal of CFO&HWA of the Board through Scheme of Green Channel for a period of 5 years i.e. upto 31.10.2022. The Board issued CFO&HWA Auto Renewal order to the industry on 17.10.2017 for a period of 5 years i.e. upto 31.10.2022 duly stipulating the conditions.

Recommendations:
The committee noted and ratified the issue of CFO&HWA (Auto Renewal) to the industry.

13. M/s. Berger Paints (P) Ltd., Sy. No.128/1, Gollapuram Road, Thumakunta (V), Hindupur (M), Anantapuram District - Auto Renewal

M/s. Berger Paints (P) Ltd., Anantapuram District is engaged in manufacturing of paints. The industry earlier obtained CFO&HWA of the Board on 09.03.2015 with validity upto 30.11.2017.

Now the industry has applied for Auto Renewal of CFO&HWA of the Board through Scheme of Green Channel for a period of 5 years i.e. upto 30.09.2022. The Board issued CFO&HWA Auto Renewal order to the industry on 05.10.2017 for a period of 5 years i.e. upto 30.11.2022 duly stipulating the conditions.

Recommendations:
The committee noted and ratified the issue of CFO&HWA (Auto Renewal) to the industry.


 MEMBER SECRETARY
MINUTES OF THE CFO COMMITTEE MEETING HELD ON 23.10.2017

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<td><strong>M/s. The A.P. Mineral Development Corporation Ltd had earlier obtained CFO&amp;HWA of the Board on 21.04.2015 with validity upto 31.12.2017.</strong> Now the industry has applied for Auto Renewal of CFO&amp;HWA through Scheme of Green Channel for a period of 5 years i.e. upto 31.12.2022. The Board issued CFO&amp;HWA Auto Renewal order to the industry on 05.10.2017 for a period of 5 years i.e. upto 31.12.2022 duly stipulating the conditions. <strong>Recommendations:</strong> The committee noted and ratified the issue of CFO&amp;HWA (Auto Renewal) to the industry.</td>
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<th>15.</th>
<th><strong>M/s. Praxair India Private Limited, Rachagunneri Village Street, Rachagunnerivillage Village, Srikalahasti Mandal, Chittoor District</strong></th>
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<td><strong>M/s. Praxair India Private Limited, Chittoor District is involved in manufacturing of Gaseous Oxygen and storage of Liquid Oxygen.</strong> The industry has obtained CFE of the Board on 16.07.2017 for manufacturing of Gaseous Oxygen-35 MT/Day &amp; storage of Liquid Oxygen-33. Now the industry has applied for CFO for a period of 5 years i.e. up to 31.08.2022 through Single Window policy. As the due date for disposal application is 23.10.2017, the Board issued CFO order to the industry on 11.10.2017 for a period of 5 years i.e. upto 31.08.2022 duly stipulating the conditions. <strong>Recommendations:</strong> The committee noted and ratified the issue of CFO to the industry.</td>
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