MINUTES OF THE CFO COMMITTEE MEETING HELD ON 07.02.2018
at APPCB, Head Office, Pushpa Hotel Centre, Behind Sunrise Hospitals,
Kasturbaipet, 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, Member Secretary, A.P. Pollution Control Board, Hyderabad.</td>
<td>Chairman</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. K. V. Ramana Murthy Department of Pharmaceutical Sciences, Andhra University, Visakhapatnam, India</td>
<td>Member</td>
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</table>

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 Deccan Fine Chemicals (India) Private Limited., Kesavaram Village, Venkatanagaram (P), PayakaraPeta (Mandal), Visakhapatnam District |

M/s Deccan Fine Chemicals (India) Private Limited., (agro chemical manufacturing unit) existing at Kesavaram (Village), Vankatanagaram (P), PayakaraPeta (Mandal), Visakhapatnam (District) in an extent of 16.38 Hectares. The industry is Pesticide Technical manufacturing unit. The industry obtained CFO Order dated 09.05.2016 with 38 No. agrochemicals and fine chemical products and permitted to manufacture 26,250 Kgs/day or 26.25 TPD with validity upto 31.07.2021. The industry has obtained CFO (CPM) on 29.09.2017 with 50 products with maximum production capacity of 26,245 Kg/day which is valid up to 31.07.2021. The industry has obtained EC from MoEF&CC on 06.03.2017 and obtained CFE (Expansion) on 17.04.2017 with 25 No. of Agro Chemicals and 12 No. of API Products and proposed to produce in Phased manner. Now the industry applied for CFO expansion. In the expansion, the industry proposed to manufacture Phase - I of CFE (Expansion) capacities along with existing CFO (CPM) capacities totaling to 40 TPD.

The representatives of the industry attended the meeting and explained in detail to the committee the following:

- **a.** The construction in the new site will start from the 1st week of March, 2018.
- **b.** The existing treatment facilities such as the Stripper of 200 KLD (10 KL/hr) capacity, Multiple Effect Evaporator and Agitated Thin Film Dryer of 120 KLD (5 KL/hr) capacity and the effluent treatment plant is designed for 500 KLD influent with COD of 10,000 mg/l and also have an adequate cushion in the Waste treatment plants to handle any kind of waste that is generated.
- **c.** At present, the industry generates 74.51 KLD of high TDS & COD waste and capacity utilization of MEE and ATFD is about 62% only. After the enhancement of the capacity to 40 Tons/day, quantity of high TDS & COD waste will increase to about 103 KLD and capacity enhancement will go up to 86%. The MEE is cleaned once in 15 days and it takes about 6 hrs for the activity also the above ground storage tanks have the capacity to hold the high TDS & COD waste during cleaning.
- **d.** Distillate from MEE, ATFD, Bio degradable effluent generated from the process plant and Domestic waste are treated in the Effluent treatment plant. At present, maximum influent quantity fed to the ETP is about 220 KLD and capacity utilization is about 44%. After the enhancement of capacity to 40 MT/day, maximum quantity of effluent generation will be about 238 KLD. Capacity utilization of ETP will increase to 47.6%.
- **e.** At present, maximum effluent quantity is 220 KLD. After capacity enhancement 40 MTPD, the quantity of effluent will be 238 KLD. So the capacity of the existing ETP is sufficient to treat the additional effluent generated.
- **f.** The industry uses fresh water only as makeup water in utilities such as Boiler and Cooling Towers never use any kind of effluent as makeup water because it causes fouling in heat exchanger tubes causing huge evaporation losses of chemicals during operations and also causes smell.
- **g.** Blow downs from the cooling towers and Boilers contain about Max. 5000 mg/ltr TDS and less than 100 mg/ltr COD. In view of this, the blow downs are pumped to the to Reactor clarifier in the ETP and mixed with treated effluent. Blow downs will increase from 203 KLD to 317 KLD.
- **h.** The Quantity of treated effluent pumped through marine outfall will increase from 422.51 KLD to about 555 KLD. The capacity of the existing pump of marine outfall

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facilities is about 120 KL/hr. Time of pumping will increase from 3.5 hrs to 4.5 hrs/day. The storage capacity of the Guard Ponds is 6000 KL (10 Days).

i. The fresh water requirement will increase from 970 KLD to 1300 KLD manufacture 40 Tons/day. Also obtained clearance from MoEF and CFE for water consumption 24,370 KLD of fresh water and requested to allow to use 1300 KLD from the infiltration wells of Tandava river until the Desalination plant is ready.

Recommendations:
After detailed discussions, the committee considered the request of the industry and recommended for mentioning the capacities of all products in Tons/annum (instead of kgs/day) as per the CFO Order issued vide APPCB / VSP/VSP/ 209/HO/CFO/ 2017 dt. 29.09.2017 and to issue Consent for Operation (Expansion) to the industry for 40 TPD (which includes products in existing CFO(CPM) for 3 years period. i.e. up to 31.07.2021 duly considering the request of the industry as mentioned below:

- As the industry is pumping the blowdowns to the Reactivator clarifier in the ETP and mix with treated effluent. Blow downs and requested to increase the effluent from 203 KLD to 317 KLD.
- The total quantity of treated effluents and utility blow downs will increase from 422.51 KLD to 555 KLD which is pumped to the sea through marine outfall facility.


M/s. Suven Life Sciences Ltd., is a Bulk drug manufacturing unit at Plot No.65,66 & 67, JN Pharmacity, Parawada, Visakhapatnam in an extent of 21.21 Acres. The industry has obtained CFE of the Board vide order dated 08.08.2013 for manufacturing of Bulk drugs in 8 groups with 8293.23 Kgs/day of total production capacity in worst combination and obtained CFO & HWA of the Board vide order dated 12.11.2015 which is valid up to 31.10.2020. Subsequently, the industry has obtained CFE (Expansion) vide order dated 26.10.2017 for manufacturing of Bulk drugs in 8 groups with 11387.98 Kgs/day of total production capacity in worst combination. Now the industry has applied for CFO (Expansion). The industry will generate Cyanide Effluent in the manufacture of Cyano Acetic Acid (CAA) product. The representatives of the industry attended the meeting and informed to the committee that they have not started manufacture of CAA so far. Also informed that they will segregate the cyanide bearing and heavy metal bearing effluent, if any, separately and shall send to the CETP by following manifest system. They will not mix either in the LTDS effluent and HTDS effluents. The industry is disposing the Incinerable waste to M/s. Zuari Cements industries for co-incineration.

Recommendations:
After detailed discussions, the committee recommended to issue CFO & HWA to the industry with a validity period upto 31.10.2020 duly stipulating relevant conditions.


M/s. Escentiia Advanced Sciences Pvt., Ltd., has established the Bulk Drug & Intermediates manufacturing at Plot No.11, 11 A, 12 & 12 A, APSEZ, Atchutapuram & Rambilli (M), Visakhapatnam District. The industry has applied for the CFO through OCMMS dated 01.12.2017 by paying an amount of Rs. 3,900/- as CFO fee and this office sought clarification regarding the submission of balance CFO fee. The industry meanwhile submitted the CFE amendment letter dated 19.12.2017 and 12.01.2018. This office forwarded the CFE amendment request of the industry. The industry resubmitted the CFO application through OCMMS dated 23.01.2018 by paying the balance CFO fee. The proponent has proposed segregating the effluents into 2 streams i.e., HTDS & LTDS and proposed to send HTDS & LTDS effluents to CETP provided by the APIIC.
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Atchuthapuram after pretreatment. The industry has provided HTDS above ground RCC collection tank with 10.0 KL capacity followed neutralization tank of about 70 KL capacity and holding tanks 3 nos of 50.0 KL each. The industry has provided LTDS above ground RCC collection tank with 115.0 KL capacity followed by equalization tank of about 115 KL capacity neutralization tank of about 52.0 KL capacity and holding tanks 3 nos of 50.0 KL each. The industry has provided STP of 30.0 KLD capacity. The representatives of the industry attended the meeting and submitted to the committee that they have applied for the amendment of the CFE for change of water quantities and mode of disposal of waste water, CFE for change of Air pollution sources.

Recommendations:
After detailed discussions, the committee recommended to issue CFO & HWA to the industry with a validity period up to 31.12.2018 duly considering the CFE amendment as per the report of the EE:RO-Visakhapatnam dated 12.01.2018 regarding the exemption from ZLD system and to send the effluents to CETP duly stipulating the following conditions.

1. The industry shall connect web camera to the CPCB website.
2. The industry may be permitted to transport and dispose the HTDS and LTDS effluents of 50% of its consented capacity to Ramky Pharmacy for further treatment till the AETL complete.


M/s. Chem Genix Laboratories Pvt., Ltd has obtained CFE to establish an R & D facilities for Active Pharma Ingredients - 10 Labs, and the product from each lab - 10 Kg/month i.e., 100 kg/m from 10 labs. Kilo lab for production of 10 Kgs/month on 20.12.2017 and now applied for CFO for the first time. The industry has installed 1 no. of isolator which is having provision for fix the 3 X 100 Flasks. The isolator is equipped with Hepafilter which will filter the gases up to 0.3 microns and vent connected to the scrubber. The industry has installed electromagnetic meter for pumping the effluent to CETP, JN Pharmacity, The industry has installed 1 No. of scrubber.

Recommendations:
After detailed discussions, the committee recommended to issue CFO & HWA to the industry with a validity period up to 31.12.2022 duly stipulating relevant conditions.

5. M/s. West Quay Multiport Private Limited, WQ-6 berth in the inner harbor of M/s. Visakhapatnam Port Trust, Visakhapatnam District

M/s. West Quay Multiport Private Limited is involved in Port Activity i.e., handling of C.P. Coke, LAM Coke, Steel & Granite Blocks unloading from the ships, transporting and loading into wagons. The facility obtained CFE (Amendment) vide order dated 04.01.2018 for additional cargos without changing in existing total permitted Cargo handling and without change in investment at Visakhapatnam Port and has now applied for the CFO of the Board.

The EE:RO-Visakhapatnam has reported certain non-compliances as mentioned below:

i. During the inspection, loading of CP Coke into trucks was observed without proper dust containment measures through the facility is having MDSS systems.

ii. The facility was not utilizing stacking yard for storage of cargo before disposal to the parties and disposing the cargo from the berth area itself.

iii. As per the details furnished, the facility has handled about 0.7 MMT of Pet coke, Lam coke & CP Coke cargo during the period from July, to December, 2017.

iv. The industry is not having dry fogging system but having water sprinkling system
(MDSS systems) at cargo handling area and stacking area. Frequency of sprinkling operations was not properly planned and not being operated regularly.

v. It was observed that, facility is staking cargo of coal more than 6 m height in the berth area and wetting of the berth area is not taking place from time to time to control dust emissions.

The representative of the facility attended the meeting and informed that informed that they have placed purchase Order for Road Sweeping machine which is expected to receive within 2 months and will comply with all the directions of the Board regarding stacking height and operation of MDSS systems at berth area to control fugitive emissions.

**Recommendations:**

After detailed discussions, the Committee recommended to issue renewal of CFO to the facility for 1 year period i.e., up to 31.01.2019 duly incorporating the CFE (Amendment) vide order dated 04.01.2018 for additional cargos without changing in existing total permitted Cargo handling and without change in investment at Visakhapatnam Port with the following conditions:

1. The facility shall handle the bagged fly ash only and shall directly load the bagged fly ash in to the ship without any interim storage at the Berth area.
2. The facility shall not store any bagged fly ash/ fly ash at the storage yard which is located away from the port as permitted by the board.
3. The facility shall not handle any un-bagged dusty cargo and shall not store at the storage yard.
4. The facility shall operate the MDSS system continuously at the berth area.
5. Specific parking area shall be provided by the facility.


The industry is Bulk Drugs manufacturing unit. The industry obtained CFE of the Board on 12.07.2017 with 20 No. of products along with their intermediates on Campaign basis and proposed to manufacture any 4 No. products at any given point of time with a maximum production capacity of 450 Kg/Day. The industry also obtained CFE (Expansion) of the Board on 22.12.2017 to manufacture 4 products with their intermediates and R & D products on campaign basis with a maximum production capacity of 726.67 Kgs/day. Now, the industry applied CFO of the Board for expansion activities.

**Recommendations:**

After detailed discussions, the committee recommended to issue CFO&HWA to the industry with a validity period upto 31.10.2020 duly stipulating relevant conditions.

7. M/s. Government General Hospital, Budhawarapeta, Kurnool District

M/s. Government General Hospital is located at Budhawarapeta, Kurnool is a Health Care Facility (HCF) with 1000 beds. The HCF applied for the CFO of the Board for the first time and paid CFO Fee of Rs.13,93,200/- under Red – Hazardous category for a period of 10 years including default period i.e., from 04.2010 to 31.01.2022. **Note: The CFO fee for the HCE was calculated since 03/2010 as per the instructions during recent RO’s Zo’s Review meeting. The HCE has paid CFO Fee from April, 2010 to 31.01.2022.**

The committee noted the following non compliances as reported by the EE:RO-Kurnool:

a. The APPCB, Zonal office, Kurnool has reviewed the HCF on 25.09.2017 and was issued with Show Cause Notice on 11.10.2017 for operating the HCF without obtaining the CFO of the Board and also for not providing required ETP/STP and

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discharging the untreated liquid waste into municipal drains and thereby causing water pollution problems in the surrounding area.

b. The HCF has not provided any treatment facility for the Wastewater and is disposing the wastewater without any treatment into the drain which is finally joining Hundri Niva River.

c. The HCF has submitted reply on 03.11.2017 stating that, they have obtained estimates for construction of ETP and STP from the Executive Engineer, APMSIDC and made it a special agenda item in the hospital developmental society meetings and the relevant resolution and estimates have been forwarded for Director of Medical Education, Vijayawada for release of funds.

d. The HCE has to improve the segregation of Bio-medical waste and also housekeeping in the premises. During the inspection, it was observed the Bio-medical waste is being partly mixed with Municipal Solid Waste. The HCF has to dispose the entire Bio-medical waste to CBMWTF i.e., M/s. Medical Waste Solutions, Chetlamallapur (Village), Kallur (Mandal), Kurnool District.

Recommendations:
After detailed discussions on the report of the EE:RO–Kurnool and agenda, the committee recommended to issue CFO, HWA & BMW Authorization to the HCF for a bed strength of 1000 Beds with a validity period upto 31.01.2022 duly stipulating necessary conditions.

KURNOOL ZONE:

7. M/s. Ultra Tech Cement Ltd, Bhogasamudram village, Tadipatri(M), Anapatupuram District – Industry’s request for usage of Pet coke as fuel in the 100 MW Captive Power Plant

M/s. Ultra Tech Cement Ltd is a Cement manufacturing unit. The industry vide lr dt. 17.01.2018 requested to use Pet Coke as fuel in 100 MW Captive Thermal Power Plant located in the Cement plant.

The Committee examined the issue and noted that the Board while issuing CFE amendment order dt. 16.07.2017, for usage of Pet coke as alternative fuel in Cement Kiln, stipulated a condition that the industry shall obtain necessary amendment to the EC order for usage of Pet Coke in thermal power plant. A copy of same shall be submitted to the Board while applying for amendment to CFE order to that extent.

Recommendations:
The committee after detailed discussions on the agenda recommended to direct the industry to obtain amendment to CFE order for usage of Pet coke as fuel in Captive Thermal Power Plant.


M/s. Bharathi Cement Corporation Pvt Ltd is a cement manufacturing unit. The industry vide lr. dt. 09.11.2017 & 02.01.2018 requested the Board to permit them to use additional raw materials, additional wastes for co-processing and additional fuels and Pet Coke in 30 MW Captive power plant within the cement plant.

Recommendations:
The committee after detailed discussions on the agenda recommended to issue an amendment to the existing CFO&HWA order for usage of Non-Hazardous wastes as an
alternative fuel in the cement Kiln. The industry’s request for usage of Pet coke in the Captive power plant will be examined after obtaining amendment to Environmental Clearance (EC) as stipulated in the CFE vide order dt.24.10.2016.

HWM CASES

9. M/s. Mahalakshmi Earthmovers (P) Ltd., Plot No. 85/7, IDA Autonagar, Visakhapatnam - Renewal of Passbook

The industry is engaged in casting operations of Ferrous & Nonferrous scrap. The industry earlier obtained CFO of the Board on 21.11.2014 with validity upto 30.06.2017 and further obtained extension for 5-year period i.e., up to 30.06.2022 through Auto renewal on 05.07.2017. The industry earlier obtained Registration Certificate cum passbook of the Board on 19.10.2012 for environmentally sound recycling of Hazardous Waste covered under Schedule - IV of Hazardous Waste Management Rules, 2008 which was expired on 18.10.2017. Now the industry has applied for renewal of Registration Certificate cum passbook for Reprocessing / Recycling of Hazardous waste.

Recommendations:
After detailed discussions, the Committee recommended to issue the Renewal of Registration Certificate cum Passbook for Reprocessing / Recycling of Hazardous waste to the industry duly stipulating the conditions.

RATIFICATION CASES


The industry earlier obtained CFO&HWA of the Board on 27.05.2015 with validity upto 30.04.2018. The industry applied for Renewal of CFO&HWA of the Board for 5 years i.e. up to 30.04.2023 through Scheme of Green Channel (Auto Renewal System).

The Board issued CFO&HWA Auto Renewal order to the industry on 22.01.2018 for a period of five years i.e. upto 30.04.2023 duly stipulating the conditions.

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

11. M/s. ONGC (GCS – Odalarevu), Odalarevu (V), Allavaram (M), East Godavari District.


The Board issued CFO&HWA Auto Renewal order to the industry on 22.01.2018 for a period upto 31.01.2019 duly stipulating the conditions.

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

12. M/s. Talli Godavari fine chemicals Pvt. Ltd., R. Sy. No. 9/IC & 1D, Kondagudem (V), Gouripatham Panchayath, Devarapalli (M), West Godavari District


The Board issued CFO&HWA Renewal order to the industry on 28.01.2018 for a period upto 31.12.2020 duly stipulating the conditions.
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<table>
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<tr>
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<tbody>
<tr>
<td>The Committee noted and ratified the issue of CFO&amp;HWA Renewal order to the industry.</td>
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<tr>
<th>13. M/s. Indian Oil Corporation Ltd., LPG Bottling Plant IDA, Kadapa, YSR Kadapa District - Auto Renewal of CFO&amp;HWA</th>
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<tbody>
<tr>
<td>M/s. Indian Oil Corporation Ltd is engaged in storage and bottling of LPG. The industry obtained CFO&amp;HWA vide order dt.27.06.2015 for LPG Bottling -17,500 TPM &amp; L.P.G Storage - 1850 MT [3 x 150 MT Bullets + 1 x 1400 MT Sphere] which is valid upto 31.03.2018.</td>
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<td>Now, the industry has applied for CFO renewal for a period of Five years i.e., upto 31.03.2023 through the scheme of Green Channel (Auto Renewal System). The Board issued CFO&amp;HWA order to the industry on 22.01.2018 for a period of Five years i.e., upto 31.03.2023.</td>
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<tr>
<th>14. M/s. Zuari Cements Ltd., (Cement Division), Krishna Nagar, Yerraguntla, Kadapa District - CFO&amp;HWA Renewal</th>
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<tr>
<td>The industry is engaged in manufacture of Cement and has obtained CFO&amp;HWA to produce Cement (OPC/PPC/PSC - 5.4* Million TPA (*The Cement Production is inclusive of 4.3 MTPA of Clinker Production) with validity upto 31.03.2018.</td>
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<tr>
<td>Now, the industry has applied for renewal of CFO&amp;HWA for a period of Five years i.e., upto 31.03.2023 through the scheme of Green Channel (Auto Renewal System). The Board issued CFO&amp;HWA order to the industry on 09.01.2018 for a period of 5 years i.e., upto 31.03.2023.</td>
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<td>The Committee noted and ratified the issue of renewal of CFO&amp;HWA to the industry.</td>
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<tr>
<td>M/s. Zuari Cements Ltd is engaged in mining of Limestone. The industry obtained CFO order dt.22.04.2015 to carry out Lime Stone Mining- 7.0 Million TPA valid upto 31.03.2018.</td>
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<tr>
<td>Now, the industry has applied for renewal of CFO for a period of Five years i.e., upto 31.03.2023 through the scheme of Green Channel (Auto Renewal System). The Board issued CFO order to the industry on 22.01.2018 for a period of 5 years i.e., upto 31.03.2023.</td>
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<tr>
<td>The industry is a cement manufacturing unit. The industry obtained CFO &amp; HWA order dt.08.08.2017 For manufacture of Cement (OPC /PPC/PSC) - 5.4 Million TPA valid upto 31.03.2018.</td>
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<tr>
<td>The industry has applied for CFO for usage of Pet Coke as fuel in the cement kiln. The Board after careful examination of the industry’s request and report of Regional Office, Tirupati, has issued an amendment to the existing CFO&amp; HWA order permitting to use Pet Coke as fuel in the cement kiln in view of the following:</td>
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<tr>
<td>1. The EFS &amp; T (SEC.V) Dept., Govt. of AP issued GO MS No. 71 dated 01.11.2017 notified pet coke as an approved fuel.</td>
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**MEMBER SECRETARY**
2. The MoEF&CC vide Ir. dt. 07.11.2017 declared that pet coke is a non-hazardous waste.
3. The Hon’ble Supreme Court in its proceedings dt. 13.12.2017 has clarified that Pet Coke shall be utilized in industries where Sulphur is absorbed in the manufacturing process for example Cement industry and gasification plants.
4. Other SPCBs (Telangana & Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.

**Recommendations:**
The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use Pet Coke as fuel in the cement kiln.

**17. M/s. JSW Cement Ltd (Plant), Bilakalagudur (V), Gadivemula (M), Kurnool District - CFO for usage of pet coke as fuel in the cement Kiln**

The industry is a cement manufacturing unit. The industry obtained CFO & HWA order 16.08.2016 to produce Clinker- 2.50 Million TPA and Cement Production - 4.80 MTPA (OPC - 1.1 MTPA + 3.7 PSC/ GGBS) valid upto 30.09.2016. Subsequently the consent was renewed through auto renewal system on 16.06.2017 for further a period of Five years i.e., upto 30.09.2022.

The industry has applied for CFO for usage of Pet Coke as fuel in the cement kiln. The Board after careful examination of the industry’s request and report of Regional Office, Kurnool, has issued an amendment to the existing CFO& HWA order permitting to use Pet Coke as fuel in the cement kiln in view of the following:

1. The EFS & T (SEC.V) Dept., Govt. of AP issued GO MS No. 71 dated 01.11.2017 notified pet coke as an approved fuel.
2. The MoEF&CC vide Ir. dt. 07.11.2017 declared that pet coke is a non-hazardous waste.
3. The Hon’ble Supreme Court in its proceedings dt. 13.12.2017 has clarified that Pet Coke shall be utilized in industries where Sulphur is absorbed in the manufacturing process for example Cement industry and gasification plants.
4. Other SPCBs (Telangana & Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.

**Recommendations:**
The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use Pet Coke as fuel in the cement kiln.

**18. M/s The India Cements Ltd., (Cement Division), Chilmakur, YSR Kadapa District - CFO for usage of pet coke as fuel in the cement Kiln**

The industry is a cement manufacturing unit. The industry obtained CFO & HWA order dt. 16.04.2015 to produce Clinker - 4500 TPD & Cement (OPC/ PPC/ PSC)* - 5000 TPD valid upto 31.12.2017. Subsequently the consent was renewed through auto renewal system on 01.12.2017 for further a period of Five years i.e., upto 31.12.2022.

The industry has applied for CFO for usage of Pet Coke as fuel in the cement kiln. The Board after careful examination of the industry’s request and report of Regional Office, Tirupati, has issued an amendment to the existing CFO& HWA order permitting to use Pet Coke as fuel in the cement kiln in view of the following:

1. The EFS & T (SEC.V) Dept., Govt. of AP issued GO MS No. 71 dated 01.11.2017 notified pet coke as an approved fuel.
2. The MoEF&CC vide Ir. dt. 07.11.2017 declared that pet coke is a non-hazardous waste.
3. The Hon’ble Supreme Court in its proceedings dt. 13.12.2017 has clarified that Pet Coke shall be utilized in industries where Sulphur is absorbed in the manufacturing
process for example Cement industry and gasification plants.

4. Other SPCBs (Telangana & Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.

**Recommendations:**
The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use Pet Coke as fuel in the cement kiln.

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<th>19. M/s. The India Cements Ltd., (Cement division), Yerraguntla YSR Kadapa District - CFO for usage of pet coke as fuel in the cement Kiln</th>
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<tbody>
<tr>
<td>The industry is a cement manufacturing unit. The industry obtained CFO&amp;HWA order dt. 19.08.2015 to produce Clinker – 2000 TPD Cement (OPC/PPC)* – 2600 TPD valid upto 30.06.2018</td>
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<td>The industry has applied for CFO for usage of Pet Coke as fuel in the cement kiln. The Board after careful examination of the industry’s request and report of Regional Office, Tirupati, has issued an amendment to the existing CFO&amp;HWA order permitting to use Pet Coke as fuel in the cement kiln in view of the following:</td>
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<td>4. Other SPCBs (Telangana &amp; Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.</td>
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**Recommendations:**
The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use Pet Coke as fuel in the cement kiln.

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<tr>
<th>20. M/s. Sree Jayajothi Cements Pvt. Ltd, Sy. No. 330, Yanakandla (V), Banaganapalli (M), Kurnool District – Request of the industry to issue CFO for usage of Pet coke and other non-hazardous waste as alternative fuels in the Cement kiln</th>
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<tbody>
<tr>
<td>The industry is a cement manufacturing unit. The industry obtained CFO &amp; HWA to manufacture Cement - *3.2 Million TPA and Clinker - 0.4 Million TPA with validity upto 31.12.2022. The industry obtained amendment to CFE order (for CFE expansion order dt.17.06.2015) on 20.12.2017 for usage of Pet Coke and other Non-hazardous waste as alternative fuel in the kiln.</td>
</tr>
<tr>
<td>Now, the industry has applied for CFO for usage of Pet Coke and other Non-hazardous waste as alternative fuel in the kiln.</td>
</tr>
<tr>
<td>The Board after careful examination of the industry’s request and report of Regional Office, Kurnool, has issued an amendment to the existing CFO&amp;HWA order permitting to use Pet Coke and other Non-hazardous waste as alternative fuel in the kiln in view of the following:</td>
</tr>
<tr>
<td>1. The industry obtained amendment to CFE order (for CFE expansion order dt.17.06.2015) on 20.12.2017 for usage of Pet Coke and other Non-hazardous waste as alternative fuel in the kiln.</td>
</tr>
<tr>
<td>2. The EFS &amp; T (SEC.V) Dept., Govt. of AP issued GO MS No. 71 dated 01.11.2017 notified pet coke as an approved fuel.</td>
</tr>
<tr>
<td>3. The MoEF&amp;CC vide lr. dt. 07.11.2017 declared that pet coke is a non-hazardous waste.</td>
</tr>
</tbody>
</table>
4. The Hon’ble Supreme Court in its proceedings dt. 13.12.2017 has clarified that Pet Coke shall be utilized in industries where Sulphur is absorbed in the manufacturing process for example Cement industry and gasification plants.

5. Other SPCBs (Telangana & Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.

**Recommendations:**

The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use Pet Coke and other non-hazardous waste as alternative fuel in the kiln.

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21. **M/s. Dalmia Cement (Bharath) Ltd., Cement division, Chinna Komerla of Mylavaram (M), Kadapa District – Request of the industry to issue CFO to use combination of fuels in the kiln**

The industry is a cement manufacturing unit. The industry obtained CFO & HWA order dt. 03.12.2015 to produce Ordinary Portland Cement / Pozzolana Portland Cement – 4.06 MMTPA (The cement production is inclusive of 2.60 MMTPA of clinker production) with validity up to 30.11.2020.

The industry obtained CFE amendment order dt: 22.12.2017 for usage of combination of fuels in the kiln. Now, the industry has applied for CFO for usage of combination of fuels in the kiln.

The Board after careful examination of the industry’s request and report of Regional Office, Tirupati has issued an amendment to the existing CFO& HWA order permitting to use combination of fuels in the cement kiln in view of the following:


2. The EFS & T (SEC.V) Dept., Govt. of AP issued GO MS No. 71 dated 01.11.2017 notified pet coke as an approved fuel.

3. The MoEF&CC vide Jr. dt. 07.11.2017 declared that pet coke is a non-hazardous waste.

4. The Hon’ble Supreme Court in its proceedings dt. 13.12.2017 has clarified that Pet Coke shall be utilized in industries where Sulphur is absorbed in the manufacturing process for example Cement industry and gasification plants.

5. Other SPCBs (Telangana & Karnataka) have issued CFOs to cement industries to use Pet Coke as Fuel.

**Recommendations:**

The Committee noted and ratified the issue of amendment to the existing CFO&HWA order permitting to use combination of fuels in the kiln.

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**Member Secretary**