MINUTES OF THE CFE COMMITTEE MEETING HELD ON 08.08.2019
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAIPET, VIJAYAWADA, A.P.

The following were present:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Member</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sri B.S.S. Prasad, IFS., A.P. Pollution Control Board.</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Sri Vivek Yadav, IAS., A.P. Pollution Control Board.</td>
<td>Member Secretary</td>
</tr>
<tr>
<td>3</td>
<td>Dr. V. Ranga Rao, Dept., of Civil Engineering, K.L. University, Guntur.</td>
<td>Member</td>
</tr>
<tr>
<td>4</td>
<td>Dr. A. Gangagni Rao, Senior Principal Scientist, IICT, Hyderabad</td>
<td>Member</td>
</tr>
<tr>
<td>5</td>
<td>Dr. N. Chitti Babu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.</td>
<td>Member</td>
</tr>
</tbody>
</table>

The Member Secretary has welcomed the members of the Committee. After general introductory remarks on the items placed before the CFE Committee, the Committee took up agenda, item wise. The decisions of the CFE Committee on each item are recorded below.
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ITEM NO. 1 M/s. Andhra Pradesh Industrial Infrastructure Corporation Limited, (APIIC), Model Industrial Park, Sy.No.11, 16, Mallavalli (V), Bapulapadu (M), Krishna District. - Applied for CFE – Reg.

The Committee noted the following:

a) The APIIC obtained EC vide order dt. 15.10.2018 for the proposed development of industrial park. As per EC, only category 'B' industries / activities listed in the schedule of the Notification 2006 and other industries is permitted in the proposed model industrial park. As per EC, there shall not be any type of industry / activity which is listed in any of the items of Category “A” in the schedule of EIA Notification 2006 is to be permitted in the proposed model industrial park.

b) The APIIC proposed for development of industrial park at sy.no.11 & 16, Mallavalli (V), Bapulapadu (M), Krishna District in an area of 1165.73 acres with a project cost of Rs.406 crores. The industrial sectors which are proposed within the industrial park are 1. Engineering/Manufacturing 2. Micro Small and Medium enterprises 3. Chemicals and allied Chemicals including Agro chemicals, marine chemicals, Specialty chemicals, Paints, Dyes and pigments, Industrial gases etc. 4. Herbal medicines, Bio pharmaceuticals and 5. Logistics.

c) No effluent shall be disposed outside the premises and Zero Liquid Discharge concepts shall be adopted.

d) The park allotted 59.02 Ha. (146 acres) of area for landscaped green area, whereas the waste water generation is 4480 KLD which needs 448 acres of land for utilization of treated waste water for on-land irrigation / greenbelt development. The land allotted for greenbelt is not sufficient for utilization of 4480 KLD treated waste water for on-land irrigation.

e) In the EC order, it is mentioned that category ‘B’ of products mentioned in EIA Notification are allowed. However, APIIC proposed the following products also which comes under category ‘A’ products:

Chemicals and allied Chemicals including Agro chemicals, marine chemicals, Specialty chemicals, Paints, Dyes and pigments. The APIIC has to explain this issue.

f) In the EC order, the following condition was stipulated:

The APIIC shall adopt the Zero Liquid Discharge system (ZLD) for the treatment and disposal of effluents.

But in the proposal, it is mentioned that the treated waste water will be utilized for flushing / floor wash / green belt development. The APIIC has to clarify on this. Otherwise, the APIIC may have to get an amendment to the EC in this regard.

g) The area of the greenbelt proposed by the proponent is 145.75 acres out of total area 1165.73 acres i.e., 12.5% only. But, as per EC order dt. 15.10.2018, the proponent has to develop green belt in an area of 33% of total area i.e., 388.58 acres. The proponent has to inform the area of greenbelt to be developed by APIIC and individual units.

The representatives of the project proponent attended the meeting and informed vide letter dt. 07.08.2019 as following:

a) The proposed project is a Mallavalli Industrial park which will house multiproduct industries and it is an industrial area as per GoAP directions. Therefore the chemical industries proposed would be of Category B industries only.

b) The treated wastewater would be reused within the industrial park and no wastewater would be discharged outside the I.P. Hence, APIIC termed the concept of reusing for flushing / floor wash / green belt development as Zero Liquid Discharge (ZLD).

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c) EC condition is to maintain 33% of the total area as greenbelt/areas. 33% of 1165.73 acres is 384.6 acres have to be under green areas. Out of that 12.5% (145.8 acres) would be developed by APIIC and 20.5% (238.8 acres) would be developed by individual industries.

d) The representatives had also informed that initially in the EMP APIIC proposed only 1 MLD capacity of STP to treat sewage generated by the industries. Individual industries would have their own ETPs in their premises to treat the effluents with ZLD options. But, in the EC a condition was stipulated to treat the effluent from all industrial units from the industrial park in CETP of capacity 4.5 MLD and CSTP of capacity 1.0 MLD.

After detailed discussions, the Committee recommended to issue CFE on par with EC with following conditions:

1) APIIC shall allocate the plots only to the category 'B' industries/activities listed in the EIA notification 2006 and its amendments there off. Category 'A' industries/activities should not be established in this industrial park.

2) The design details of CETP and CSTP shall be submitted to the Board within two weeks.

3) Time bound action plan shall be submitted within two weeks for phase wise construction of CETP depending upon requirement.

4) Agro chemicals manufacturing units shall not be established as it is category 'A' unit.

ITEM NO. 2 M/s. Sagar Cements Limited (former M/s. Toshali Ciments Pvt. Ltd.), Bayyavaram (V), Kasimkota (M), Visakhapatnam District - Industry's representation for inclusion of composite cement - Amendment to CFE order - Reg.

The Committee noted the following:

- M/s. Sagar Cements Ltd., has obtained EC vide order no: SEIAA/AP/VSP/IND/11/2016/246 dt. 05.08.2017 for the proposed expansion of the cement grinding unit from 0.175 MTPA to 1.5 MTPA. The industry has obtained CFE (Expansion) for the following capacities:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products and By-products</th>
<th>As per CFE Order dt. 20.11.2009</th>
<th>Proposed capacity</th>
<th>Total after expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Slag-cement &amp; 53 Grade Cement/ GGBS</td>
<td>600 TPD</td>
<td>---</td>
<td>1.5 MTPA</td>
</tr>
<tr>
<td>2</td>
<td>OPC/PPC/PSC</td>
<td>---</td>
<td>1.325 MTPA</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>600 TPD (0.175 Million TPA)</td>
<td>1.325 MTPA</td>
<td>1.5 MTPA</td>
</tr>
</tbody>
</table>

- The industry has obtained CFO order dt 21.03.2018 valid upto 31.03.2023 for the above capacity:

- Now, the industry has submitted letter requesting for the amendment of the CFE order dt 16.07.2017 for the inclusion of the composite cement without increasing total production. The industry has submitted that due to production of composite cement no increase in project cost is involved. The industry requested for the amendment of the CFE as follows:

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<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products and By-products</th>
<th>Total after expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>OPC/PPC/PSC/Composite cement/GGBS</td>
<td>1.5MTPA</td>
</tr>
</tbody>
</table>

The representatives of the project proponent attended the meeting. They have informed as following:

- The composite cement is a mixture of clinker, slag, Gypsum and Flyash. It increases the workability of the cement mortar, cement concrete.
- Ground granulated Blast Furnace Slag (GGBS) is pulverised Blast Furnace Slag.

After detailed discussions, the Committee recommended to issue amendment to CFE order.

ITEM NO. 3 M/s. Porus Laboratories Private Limited., Unit-VI, Plot No. 2A, APSEZ, APIIC, Moturpalem (V), Rambilli (M), Visakhapatnam District – Amendment to CFE order - Reg.

The Committee noted the following:

- The Board issued CFE (Expansion) vide order dt. 22.07.2019 to M/s. Porus Laboratories Private Limited., Unit-VI, Plot No. 2A, APSEZ, APIIC, Moturpalem (V), Rambilli (M), Visakhapatnam District.
- The industry requested the Board to amend the CFE expansion order dt. 22.07.2019 as per EMP as following:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Products</th>
<th>As Per CFE (Expn) Order issued Quantity Kg/Day</th>
<th>Amendment required as Per EMP Quantity Kg/Day</th>
<th>Raw material as per CFE Order Kg/Day</th>
<th>Amendment required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Capped 0.09 IV Bifunctional PPO (SA-9000)</td>
<td>1666.7</td>
<td>11666.7</td>
<td>1,5-Bis-(2,6-di methyl-4-hydroxyphenyl)-penta-(2,6-dimethyl-1,4-phenyleneoxide) – 1666.7</td>
<td>1,5-Bis-(2,6-di methyl-4-hydroxyphenyl)-penta-(2,6-dimethyl-1,4-phenyleneoxide) – 11666.7</td>
</tr>
<tr>
<td>2</td>
<td>Tetramethyl bisphenol acetone (TMBPA Powder)</td>
<td>3333.3</td>
<td>3333.3</td>
<td>1,5-Bis-(2,6-di methyl-4-hydroxyphenyl)-penta-(2,6-dimethyl-1,4-phenyleneoxide) – 1666.7</td>
<td>Acetone 769.2</td>
</tr>
<tr>
<td>3</td>
<td>Diethylphosphonic acid (DEPA)</td>
<td>1100.0</td>
<td>1100.0</td>
<td>Acetone 769.2</td>
<td>Sodium Hypophosphite Monohydrate 1018.6</td>
</tr>
<tr>
<td></td>
<td>Diethylphosphonic acid (DEPA) [Alternate Process]</td>
<td>1100.0</td>
<td>1100.0</td>
<td>Sodium Hypophosphite Monohydrate 1018.6</td>
<td>Hypophosphorous acid 1271.6</td>
</tr>
</tbody>
</table>
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#### Solid / Hazardous Waste

<table>
<thead>
<tr>
<th>S.No. mentioned in CFE Expansion order</th>
<th>Name of the waste</th>
<th>As Per CFE (Expansion) Order issued Quantity</th>
<th>Amendment required</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Detoxified Containers &amp; Container liners</td>
<td>2100 (No's/month)</td>
<td>a) Detoxified Containers / drum liners (No's/month)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b) HDPE carboys (No's/month)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c) Fiber drums (No's/month)</td>
</tr>
<tr>
<td>12</td>
<td>Spent Carbon</td>
<td>3.72</td>
<td>Spent Carbon</td>
</tr>
<tr>
<td>13</td>
<td>Inorganic residue</td>
<td>3.11</td>
<td>Inorganic residue</td>
</tr>
</tbody>
</table>

After detailed discussions, the Committee recommended to issue amendment to CFE order as requested by the industry.

**ITEM NO. 4  M/s. PFH Oil and Gas Private Limited, Achanta & Kodamanchilli Villages, Achanta Mandal, West Godavari District, - Applied for CFE & CFO – Reg.**

The Committee noted the following:

a) The Facility obtained EC for exploration and development of one abandoned oil well and 05 new oil wells. As per the information of the proponent, they are now proposing exploration / development for one temporarily abandoned well only with project cost of Rs. 71.56 lakhs. As per EIA report, estimated cost for development of each well is Rs. 10.0 cr.

b) The facility has not submitted the details of wastes (drill cuttings, sludge containing oil, drill mud containing oil and used lubricant oil and their quantities) which are expected to be generated during operations of drilling and DG sets.

c) As per EC, the facility is directed to ensure Zero Liquid Discharge System.

d) The proponent has to pay balance CFE & CFO fee of Rs. 3644/-.

The representatives of the project proponent attended the meeting. They have informed as following:

- The proponent do exploration and development of only one abandoned oil well. Hence, the project cost is Rs. 71.56 lakhs only.

- The proponent approaches APPCB for obtaining CFE and CFO for 5 new wells at a later date. These 5 new wells are not included in this proposal. Then, the total project cost becomes Rs. 10.0 Crores.

- No new wells are drilled at present, even though EC was obtained. Hence, drill cuttings and other wastes are not generated. The proponent applies for CFE for new wells as and when required.

- Treated waste water is used for development of greenbelt within the premises.

- Balance CFE & CFO fee would be paid.

After detailed discussions, the Committee recommended to issue CFE & CFO for exploration and development of abandoned well only, after receipt of balance fee.

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The Committee noted the following:

1) M/s. PFH Oil and Gas Pvt Ltd. obtained EC dt. 17.06.2019 from MoEF&CC, Gol, New Delhi for work over of one temporarily abandoned sweet gas well, drilling of 5 development wells, and laying gas pipeline with associated facilities for connecting gas wells to nearest Group Gathering Station (GGS) of ONGC at Gopavaram in East Godavari District.

2) M/s. PFH Oil and Gas Pvt Ltd (UPPIDI-1) applied for CFE of the Board for exploratory drilling of one onshore well at Uppidi Village, Uppalagumpta Mandal, East Godavari District.

3) The industry proposed to dispose the waste water generated during the drilling operation into the lined pits of various sizes and under taking plantation within the drill site.

4) If the proponent pays CFO fee also, combined CFE & CFO order may be issued.

The representatives of the project proponent attended the meeting. They have informed as following:

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- The proponent do exploration and development of only one abandoned oil well. Hence, the project cost is Rs. 71.56 lakhs only.

- The proponent approaches APPCB for obtaining CFE and CFO for 5 new wells at a later date. These 5 new wells are not included in this proposal. Then, the total project cost becomes Rs. 10.0 Crores.

- No new wells are drilled at present, even though EC was obtained. Hence, drill cuttings and other wastes are not generated. The proponent applies for CFE for new wells as and when required.

- Treated waste water is used for development of greenbelt within the premises.

- Balance CFE & CFO fee would be paid.

After detailed discussions, the Committee recommended to issue CFE & CFO for exploration and development of abandoned well only, after receipt of balance fee.

ITEM NO. 6  M/s. Oil and Natural Gas Corporation Limited (expansion), Odalarevu Village, Allavaram Mandal, East Godavari District. - Applied for CFE expansion – Reg.

The Committee noted the following:

a) The ONGC Ltd., obtained CFE order dt. 01.02.2016 for Development drilling of 4 wells in Vashishta & S1 deep water block of East coast, sub-sea pipeline, and expansion of GS-15 and G-1 on shore terminal at Odalarevu, Allavaram (M), East Godavari District.

b) The CFO order is valid upto 31.10.2019.

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c) M/s. ONGC obtained EC order dt. 22.01.2016, for drilling 45 wells and extract Oil and Natural gas at Block KG-DWN-98/2, KG offshore in Allavaram Mandal, E.G.District. In the EC order the capacity of Oil and Natural gas to be extracted was not mentioned.

d) Now, they have applied for CFE of the Board for additional production of Natural Gas to the tune of 5.75 MMSCMD.

e) In the EC and CRZ clearance order dt. 22.01.2016, it is mentioned that the proposal is for development of drilling wells 45 wells. But, in the present proposal there is no proposal regarding these wells.

The representatives of the project proponent did not attend the meeting as they out of station. But, they have communicated the ETP details of the project of national importance vide mail dt. 08/08/2019.

After detailed discussions, the Committee recommended to issue CFE for the proposed expansion.

ITEM NO. 7

M/s. Sanhoc Labs Limited, Unit - II, Plot No.2 and plot (9 part) in M/s. Vivimed Labs Ltd., SEZ, Chittivalasa, Boyapalem and Naruva Villages, Pydibheemavaram Panchayath, Ranastalam (M), Srikakulam District – Amendment to CFE order – Reg.

The Committee noted the following:

• M/s. Vivimed Labs Limited, Chittivalasa, Boyapalem & Naruva Villages, Ranastalam (M), Srikakulam District has proposed to establish Development, Operation and Maintenance of a sector specific Special Economic Zone for chemicals & Pharmaceuticals (Bulk / APIs/formulation) and other common infra structure facilities in the extent of 289 Acres. The proponent obtained EC from the MoE&F, GoI, New Delhi vide order dt. 11.08.2014.

• M/s. Vivimed Labs Limited obtained Consent For Establishment (CFE) of the Board vide order dated 20/05/2013 for establishment of Marine out fall for discharge of treated effluent from sector specific Special Economic Zone (SEZ) proposed to be developed for chemicals & Pharmaceuticals (Bulk / APIs/formulation) and other common infra structure facilities. The marine pipeline of 9.79 Km. (On-Off: 8.29 Km & Off-Shore 1.5 Km) for discharge the treated effluents into sea at a depth of 10 m. which is at 500 m. away from High tide line near Mentada (V), Ranastalam (M), Srikakulam District.

• M/s. Vivimed Labs Limited obtained Consent For Establishment (CFE) of the Board vide order dated 16.07.2017 for sector specific Special Economic Zone (SEZ) proposed for establishment of synthetic Organic Chemicals (Cosmetics, Dye Intermediates, Bulk Drugs & Intermediates) Manufacturing Industries in an area of 289 acres.

• The site is divided into two parts. Part-1 of 148 Acres consisting of 13 Plots including Vivimed Labs with 36 Acres and Part-2 of 142 Acres will be utilized for the Common Infrastructure Facilities such as Roads, Common Raw Water Storage Tanks, CETP, Common solvent Distillation Facility, Parking, Admin building, Strom Water Drains, Tanks, Weight Bridge, Canteen etc.

• This item was placed before the CFE Committee in its meeting held on 04.07.2019. The representatives of the project proponent attended the meeting. They have informed as following:

  ➢ They have purchased the land from M/s. Vivimed Labs Limited (promoter of SEZ) and proposed to establish the unit in an area of 15 Acres.

  ➢ The proposed capacity of the boiler is 75 TPH, which is less than the total capacities permitted in the SEZ.

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➢ They have proposed to reuse the treated effluents.

➢ In future, the common facilities, marine outfall will be maintained by M/s. Sanhoc Labs Limited, Unit – II only after obtaining change of name in the EC and amendment to EC.

After detailed discussions, the Committee recommended to issue CFE with the following conditions:

➢ The MOEF, GOL, New Delhi issued Environmental & CRZ Clearance dated 11.08.2014 for the Synthetic Organic Chemicals SEZ with CETP and marine outfall in the name of M/s. Vivimed Labs Ltd., M/s. Sanhoc Labs Limited, Unit – II has purchased land from M/s. Vivimed Labs Ltd., The validity of existing EC expires on 10.08.2021. Hence, the industry shall start construction of the project only after transferring Environmental Clearance in favour of M/s. Sanhoc Labs Limited, Unit – II.

➢ It was stipulated in the CFE order dt. 16.07.2017 issued to M/s. Vivimed Labs Ltd., that total area of SEZ is 289 acres. Green belt shall be 40% of total area i.e., 118 acres. Out of that 33% green belt shall be developed by the individual units and remaining 7% green belt shall be developed by the SEZ. This industry shall comply with this condition.

In view of the above, the Board issued CFE dt. 05.07.2019 to M/s. Sanhoc Labs Limited, Unit - II, Plot No.2 and plot (9 part), (formerly M/s. Vivimed Labs Ltd., sector specific SEZ for Synthetic Organic Chemicals (Cosmetics, Dye Intermediates, Bulk Drugs & Intermediates)) Chittivalasa, Boyapalem and Naruru Villages, Pydibheemavaram Panchayath, Rannasihal (M), Srikakulam District for establishment of an industry to produce Chloro Methanes Products (Bulk Chemical) in an area of 15 Acres.

• Condition no.23 regarding transfer of EC was stipulated in the CFE order as per the minutes of the CFE meeting held on 04.07.2019.

• Now, M/s. Sanhoc Labs Limited, Unit - II, vide letter dt. 17.07.2019 informed that they have acquired only 167.68 acres of part of land out of 289 acres from industrial estate of Vivimed Labs Ltd;

• The total SEZ is divided into two parts. Part-1 of 148 Acres consisting of 13 Plots including Vivimed Labs with 36 Acres and Part-2 of 142 Acres will be utilized for the Common Infrastructure Facilities such as Roads, Common Raw Water Storage Tanks, CETP, Common solvent Distillation Facility, Parking, Admin building, Strom Water Drains, Tanks, Weight Bridge, Canteen etc. As per the present proposal the proponent acquired more than the plot area i.e., 167.68 acres. Thus, no other industry can be established in the SEZ.

Therefore, the earlier condition stipulated by the Board holds good.

The representatives of the project proponent attended the meeting. They have informed as following:

• M/s. Sanhoc Labs Limited, has acquired 167.68 acres of land out of 289 acres from industrial estate of M/s. Vivimed Labs Ltd., M/s. Sanhoc Labs Limited, Unit - II, is proposed in Plot No.2 and plot (9 part). It is one of the industries in the SEZ.

• The CFE order has to be issued by the Board to M/s. Sanhoc Labs Limited, Unit - II, Plot No.2 and plot (9 part), for establishment of an industry to produce Chloro Methanes Products (Bulk Chemical) in an area of 15 Acres only.

After detailed discussions, the Committee recommended to issue amendment to CFE as requested by the proponent in favour of M/s. Sanhoc Labs Limited, Unit - II, Plot No. 2 and plot (9 part), to produce Chloro Methanes Products (Bulk Chemical) in an area of 15 Acres only. The above condition stipulated in the earlier CFE order w.r.t. transfer of EC shall be deleted.

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ITEM NO. 8  M/s Sree Rayalaseema Alkalis and Allied Chemicals Ltd., Sy.No.51/1,2A Gondiperla (V), Kurnool District – Amendment to CFE order for change of name - Reg.

The Committee noted the following:

The Board issued CFE expansion vide order dt. 23.05.2018 to M/s. Sree Rayalaseema Alkalis and Allied Chemicals Ltd., to manufacture certain products duly stipulating conditions.

The industry vide letter dt. 20.06.2019 submitted a representation to the Board stating that, the name of M/s Sree Rayalaseema Alkalis and Allied Chemicals Ltd., was changed to M/s. TGV SRAAC Limited., on 14.10.2017 with due approvals from the Ministry of Corporate Affairs, Govt., of India.

In view of the above, the industry requested the Board to incorporate the name change in the CFE order dt. 23.05.2018. The industry furnished the Certificate of incorporation issued by Ministry of Corporate Affairs, Govt., of India.

The representatives of the project proponent attended the meeting and requested to issue amendment to the CFE order changing the name of the industry on par with Certificate of Incorporation.

After detailed discussions, the Committee recommended to issue amendment to the CFE order dt: 23.05.2018 for change of name from M/s Sree Rayalaseema Alkalis and Allied Chemicals Ltd., to M/s. TGV SRAAC Limited.,


The Committee noted the following:


b) The industry is having valid CFO for a period up to 31.05.2022 for the storage of Motor Spirit, Ethanol, HSD & SKO (Superior Kerosene Oil).

c) As per the latest notification issued by the MoEF & CC, Gol, New Delhi dt. 13.06.2019, the isolated chemical storage facilities are omitted from the purview of EIA Notification, 2006 and its amendments thereof.

The representatives of the project proponent attended the meeting. They have requested to issue CFE order based on above notification.

After detailed discussions, the Committee recommended to issue CFE (exp) to the facility.

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ITEM NO. 10  M/s. Mangal Industries Ltd., (Unit - 2) (Engineering Plastics & Fasteners Division), Talapulaapilli (Post), Petamitta (V), Puthalapattu (M), Chittoor district. - Applied for CFE expansion - Reg.

The Committee noted the following:

- The industry has obtained EC from MoEF vide order dt. 04.01.2006 for production capacity of 0.275 of Plated copper connectors, 0.250 TPD of Plated copper inserts, 20000 of Fasteners / Plated connectors, 20,000 of Annealed coil, 1,500 TPD of Lead bushes, 6000 TPD of plastic granules and 7000 TPD of and plastic parts with an investment of Rs. 40.10 Crores.

- Subsequently, the industry has obtained corrigendum for EC vide order dt. 21.05.2006 may be read as 0.275 TPD of Plated copper connectors, 0.250 TPD of Plated copper inserts, 20 TPD of Plated fasteners, 20 TPD of Annealed coil, 1.5 TPD of Lead bushes, 6 TPD of Plastic granules and 7 TPD of Plastic parts.

- The industry has obtained CFE of the Board vide order dt. 22.10.2005 from Board Office, Hyderabad for manufacturing for manufacturing Cold forging – 20,000 kg/day, Zinc Plating (including all colours) – 4000 kg/day, SS passivation – 2,000 kg/day, Zinc Phosphating – 4,000 kg/day, Pickle phosphating for coil – 34,000 kg/day, Wire drawing – 35,000 kg/day, Annealing – 20,000 kg/day, Heat treatment (hardening) – 20,000 kg/day, Blackening (heat treatment online) – 10,000 kg/day, Bush casting – 1500 – 150 kg/day, Copper connectors – 275 kg/day, Tin Lead Plating – 250 kg/day, Tin Plating – 125 kg/day, Lead Plating – 150 kg/day, Plastic Compounding & Palletisation (Plastic Granules) – 6,000 kg/day, Injection moulding machines (Plastic parts) – 7,000 kg/day, with an investment of Rs. 40.10 Crores which is valid up to 21.10.2010.

- Subsequently, the industry has obtained CFO of the Board vide order dt. 01.08.2015 from Board Office for manufacturing (Cold forging, Zinc Plating, Zinc Phosphating, Blackening (Heat Treatment on line), Pickle phosphating for coil, Annealing) – 8,000 kg/day, Bush casting – 1,500 kg/day, (Copper connectors, Copper Inserts, Tin Lead Plating, Lead Plating, Tin Plating) – 525 kg/day, Plastic Compounding & Palletisation (Plastic Granules) – 6,000 kg/day, Injection moulding machines (Plastic parts) – 7,000 kg/day, which is valid up to 30.06.2017 and the same is extended through green channel (Auto renewal system) for a period up to 30.06.2022.

- The existing project cost of the industry while submitting auto renewal application to the Board is Rs. 67.36 Crores.

- The proposed project cost of the industry while submitting CFE expansion application through APOCMMS on 13.07.2019 is Rs. 39.71 Crores. Hence, the total project cost of the industry is Rs. 67.07 Crores (Existing: Rs. 67.36 Crores + Expansion: Rs. 39.71 Crores).

- As per the delegation of powers issued vide circular dt. 14.08.2018, Red category of industry sectors greater than 100 crores is under the purview of Board Office. Hence, the project cost of the industry is more than Rs. 107.074 Crores as per the existing project cost + proposed expansion project cost. Hence Regional officer has forwarded CFE expansion report to Board Office.

- As per the New CPCB categorization of Industries “Industry or process involving metal surface treatment or process such as pickling / electroplating / paint stripping / heat treatment using cyanide bath / phosphating or finishing and anodizing / enamellings / galvanizing” is categorized under Red-Haz category at Sl.No.44.

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The industry has applied for CFE expansion for increasing the production capacity (Cold forging, Zinc Plating, Zinc Phosphating, Blackening (Heat Treatment on line), Pickle phosphating for coil, Annealing) from 8 TPD to 70 TPD by dropping the process activities like Zinc plating and Zinc Phosphating and consider the product name as Fasteners without surface treatment (for 70 TPD), Bush casting from 1.5 TPD to 15 TPD, (Copper connectors, Copper Inserts, Tin Lead Plating, Lead Plating, Tin Plating), from 0.525 TPD to 5 TPD by dropping the process activities like Tin Lead Plating, Lead plating and Tin Plating and consider the product name as Copper connectors & Copper inserts (for 5 TPD), Plastic Compounding & Palletisation (Plastic Granules) from 6.0 TPD to 15 TPD & Injection moulding machines (Plastic parts) from 7.0 TPD to 25 TPD.

As per EIA Notification of 2006, the industry does not require EC for the above products and industry is increasing the production capacity of the existing products only by dropping the process activities like Zinc Plating, Zinc Phosphating, Tin Lead Plating, Lead Plating and Tin Plating during the proposed expansion.

The industry has to clarify whether surface treatment process is adopted / continued for existing products or not? If so, they have to inform how they would maintain the record of products undergone surface treatment and products that are not undergone the surface treatment.

The representatives of the project proponent attended the meeting. They have informed as following:

- Pickling and annealing sections would be there. During the proposed expansion, the process activities like Zinc Plating, Zinc Phosphating, Tin Lead Plating, Lead Plating and Tin Plating are dropped.

After detailed discussions, the Committee recommended to issue CFE expansion with above conditions.

**ITEM NO. 11** M/s. RA Chem Pharma Ltd, R.S.No.50/1, Mukteswarapuram (V), Jaggalahpet (M), Krishna District. - Applied for CFE for Change of Product Mix – Reg.

The Committee noted the following:

a) The industry has to comply with several conditions as mentioned above.

b) The industry has produced 7 un-consented products.

c) The Board reviewed the status of the industry and issued directions vide order dt. 13.06.2019.

d) The quantity of Hazardous waste is increasing after change of product mix. Hence, the industry has to restrict the Hazardous quantity to the quantity permitted in CFO.

e) The industry vide mail dt. 05.08.2019 requested to include one more product viz., Dantron – 4.17 kg/day in addition to 64 products already submitted. 18 products will be manufactured at any point of time even after inclusion of above product.

The former EE and present EE, RO: Vijayawada had attended. They have informed as following:

- Several complaints are being received against the industry in the recent past. The staff of RO: Vijayawada attended the complaint. Report will be submitted to the Member Secretary.
- The house keeping of industry is not being maintained properly.
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The representatives of the project proponent attended the meeting and submitted a copy of the letter lr.dt. 25.07.2019 addressed to the Member Secretary. The complainant Sri O. Ramakrishna Rao was an ex-employee of the industry. He was removed from the job as he was not discharging his duty properly. He is lodging the complaints against the industry.

After detailed discussions, the Committee recommended as following:

- The explanation given by the industry is not satisfactory. The industry has to submit the Bank Guarantee of Rs. 8.0 lakhs till the compliance is achieved.
- The CFE order has to be given to the industry restricting the production capacity and pollutants to earlier capacity permitted by the Board.

ITEM NO. 12  M/s. Semcor Eco India Limited (formerly M/s. Thermal Powertech Corporation (India) Ltd.), Painampuram & Nelaturu Villages, Muthukur Mandal, SPSR Nellore District – Industry request to increase the ash pond capacity by increasing the height of the Ash Dyke Walls – NOC – CFE Amendment to CFE order - Reg.

The Committee noted the following:

a) If the saline water is used for disposal of fly ash, no organization / cement plant would utilize the fly ash due to presence of salts in the fly ash.

b) The industry has to specify the reasons for exigency in increase of height of ash pond bund to store ash in ash pond even there is space in Second Ash pond for storing at about 10.0 Lakh Tons of Ash, which seems that the industry has not assured to achieve 100% fly ash utilization in compliance to the Fly Ash Notification 2016 & NGT order dated 20.11.2018.

c) The Hon’ble MLA, Sarvepalle Constituency over telephone on 17.07.2019 has made a request to Board not to consider the request of increasing the height of the bund, as the nearby villages are already facing pollution problems due to non-rehabilitation of the nearby villages under R & R policy by the power plants.

d) The industry shall submit a commitment letter on implementation of Fly ash Notification in order to achieve 100% utilization of Fly ash in the coming years.

e) In the EC area of ash pond mentioned as 210 acres. Capacity of ash pond was not mentioned. In the present proposal the industry is not increasing the area of ash pond.

The EE, RO: Nellore has attended the meeting and informed as following:

➢ Complaints were received from the surrounding villagers against the dust nuisance caused by the ash pond of the industry.

➢ A report was submitted to the Unit-2, Head Office. But, it was forgotten by mistake to mention in the report submitted to the CFE section.

The representatives of the project proponent attended the meeting. They have informed as following:

- They are distributing one rice bag and extending financial support to the villagers from the CSR funds.

- The height of the ash dyke would be increased by 1 meter to meet the requirements.

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[Signature]

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- They are trying to export the fly ash to foreign countries to achieve 100% utilization of fly ash.
- Sprinklers would be provided to control fugitive emissions from the ash pond.

After detailed discussions, the Committee recommended to issue permission to increase the height of the ash dyke as requested by the industry within the following condition:

➢ The industry shall submit commitment on installation of sprinklers to reduce air pollution from the ash pond.
➢ The industry shall submit action plan on 100% ash utilization.

ITEM NO. 13 M/s. Bharathi Cement Corporation formerly M/s. Raghuram Cements Ltd., for Limestone Mining Division, in Kamalapuram and Erragunta Mandal, Kadapa District - Amendment to the CFE order – Reg.

The Committee noted the following:

The Regulation no. 164[1A] of Metalliferous Mines Regulation, 1961 read as following:

(1-A) In the case of an opencast working the blaster shall not charge or fire a shot –

(a) unless he has taken the precautions laid down in sub-regulation (1).

(b) unless sufficient warning, by efficient signals or other means approved by the manager, is given over the entire area falling within a radius of 300 metres from the place of firing (hereinafter referred to as the danger zone) an also he has ensured that all persons within such area have taken proper shelter, and

(c) Where any part of a public road or railway lies within the danger zone, unless two persons are posted, one in either direction at the two extreme points of such road or railway which fall within the danger zone who have, by an efficient system of telephonic communication or hooter or loudspeakers or other means approved by the Chief Inspector or Regional Inspector intimated clearance of traffic to the blaster and have also warned the passersby & whenever possible the vehicle also, if any, which have passed by such road or railway:

Provided that if blasting is done in such a manner approved in writing, by the Chief Inspector or Regional Inspector, that the flying fragments from blasting cannot project beyond a distance of ten metres from the place of firing, the provisions of clauses (b) and (c) need not be complied with,

2) The Board might have stipulated 300 m safe distance in the CFE orders as mentioned above keeping in view of the danger zone of radius 300 m. However, as per the Regulation [1-A][c] of Metalliferous Mines Regulation, 1961, mining can be done up to 50 m as requested by the industry, if they do the blasting in such a manner approved in writing by the Competent Authority.

The Board issued amendment to CFE order dt. 30.07.2019 to the industry. After detailed discussions the Committee ratified the amendment to CFE order issued.

MEMBER SECRETARY

CHAIRMAN