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., Member Secretary A.P. Pollution Control Board, Hyderabad</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad</td>
<td>Member</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. 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.
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017


The Committee noted the following:

- The proposal is for expansion of production 6475 kg/day to 8042 kg/day.
- After expansion, the total effluent generation is decreased from 811.60 KLD (HTDS – 200.70 KLD, LTDS – 610.90 KLD) to 750.80 (HTDS – 218.30 KLD, LTDS – 532.50 KLD). However, the HTDS effluent is increased from 200.70 KLD to 218.30 KLD. As per the acreage, the industry is permitted 203.80 KLD i.e., 5 KLD of HTDS per acre.
- In the expansion, the industry proposed to replace the 1 X 6.0 TPH Coal fired boiler with 1 X 20 TPH Coal fired boiler. But, the quantity of water required for boiler feed - 550 KLD and quantity of boiler blow down – 95.0 KLD remains unchanged. The industry has to clarify the same.

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

- Initially, it was proposed to install boilers of capacity 2 x 16 TPH + 1 x 20 TPH = 52 TPH. The quantity of water required for above boilers is about 550 KLD and boiler blow down is 95 KLD.
- Subsequently, CFE application was submitted for 2 x 16 TPH and 1 x 6 TPH only. But, the quantity of water required and waste water generated from the boiler was shown as 500 KLD and 95 KLD respectively. Thus, the quantities are shown on higher than the required.
- Now, it is proposed to install boiler of capacity 1 x 20 TPH in place of 1 x 6 TPH. Hence, the quantities of water required and waste water generated are retained as earlier.

After detailed discussions, the Committee recommended to issue CFE (exp.) subject to submission of clarification on above points with the following condition:

- If the capacity of CETP, JNPC is not sufficient in future, then the additional capacity of the products issued in this order, that generate the excess quantity of effluent, than the quantity permitted based on the area of the industry, will be withdrawn.


The representatives of the project proponent attended the meeting. After detailed discussions, the Committee recommended to issue CFE with the following conditions:

a) The industry shall provide multistage scrubbers along with on line pH meters.
b) The industry shall provide on line VOC analyzers with data logger system.
c) The proponent shall construct storm water drains and connect to the storm water tank collection sump.
d) The proponent shall construct rainwater runoff tank for collection of rainwater for first 15 minutes of rain.
e) The industry shall install web camera to flow meters along with commissioning of the plant.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017


The Committee noted the following:

• The proposal is for change of product mix without increase in production capacity and pollution load.

• The industry has to develop green belt in an area of 2.22 acres to meet the requirement of 33%. Out of that, the industry has developed green belt in an area of 0.5 acre. In the CFO order dt. 05.11.2016, the industry was directed to develop required green belt. But, the industry has not developed required green belt so far.

The representatives of the project proponent attended the meeting. They have informed that Green belt is also developed outside the industry premises under Green Visakha programme. They have agreed to furnish the breakup of area of green belt developed at various places.

After detailed discussions, the Committee recommended to issue CFE after receipt of above information with the following condition:

❖ The industry shall explore the possibility to install auto system for adding acid / alkali in the scrubbers to control the process emissions effectively.

❖ The industry shall construct rain water runoff tank for collection and storage of first flush of storm water.

ITEM NO. 4  M/s. Srikar Chem & Pharma India (P) Ltd., Plot No.193, APIIC Growth Centre, Thumakunta (V), Hindupuram (M), Anantapur District – Issue of CFE – Reg.

The Committee noted the following:

• The Board has issued Consent for Establishment (CFE) to the industry vide order dated 10.10.2013 for manufacture of Barium Hydroxide 1000 kg/day, Hydro Bromic Acid1500 kg/day and Di-Calcium Phosphate 2000 kg/day.

• At present, the industry has proposed to drop the products permitted in the CFE order dated 10.10.2013 and proposes to establish Synthetic organic chemicals i.e. Bulk Drugs, Drug Intermediates Organic chemicals manufacturing facility unit in the existing premises of 0.90 Acres (3668.0 Sq. m ) i.e., at Sy. No. 193, APIIC Growth Centre, Thumakunta (V), Hindupuram (M), Anantapur District.

• The industry obtained EC vide order dt. 10.11.2016 from MoE&F, Gol. for establishment of Bulk drug unit in the existing premises.

• Industry proposed ZLD system for disposal of HTDS effluents and ETP followed by RO system for LTDS effluents.

The representatives of the project proponent attended the meeting. It was informed that they have brought the machinery and installing to avail the bank loan. There is no intension to violate the rules.

After detailed discussions, the Committee recommended to issue CFE.
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017

ITEM NO. 5  M/s. J.C. Biotech Pvt. Ltd., Plot No. 548, 549 & 550, APIIC, Industrial Growth Centre, Gundlapally (V), Maddipadu (M), Prakasam District – Amendment to CFE order - Reg.

The representatives of the project proponent attended the meeting. The industry vide lr. dt. 17.02.2017 submitted as following:

- JC Biotech is fermentation plant, the steam usage is not continuous and Steam would used mainly for sterilization purposes.
- They are using packaged manual fired Boiler and not a continuous coal fired boiler.
- It is requested to use Air Pre Heater (APH) and multi cyclone dust collector to control the emissions.
- It was also informed that they would achieve the emissions standards stipulated by the Board by installing above control equipment.

After detailed discussions, the Committee recommended to issue CFE amendment to install 6 TPH coal fired boiler in pace of 3 TPH boiler with above conditions.


The Committee noted the following:

- The proposal is for change of product mix without increase in production capacity and pollution load.
- Area of green belt is 1.5 acres (i.e., 27.17% of the total area) only. It is to be increased to 33% of the total area.

The representatives of the project proponent attended the meeting. They have informed vide letter dt. 17.02.2017 as following:

- The total plant area is 22,257.71 Sq. m, in which green belt was developed in an area of 6,425 Sq. m which is equal to 28.86%.
- As there was no further scope to increase the green belt inside the factory premises, they had requested M/s. Ramky and developed the green belt on both sides of the roads in front of their factory gate in the of 1289.61 Sq. m. With this additional greenery, the total green belt area is amounting to 34.70%.
- They have taken up the plantation of 2500 plants under Green Visakha programme in which they have already planted 1300 saplings till date. The industry submitted photos of the green belt developed by them.

After detailed discussions, the Committee recommended to issue CFE for change of product mix. The industry has to construct tank in tank (below the ground level) to collect the effluents by gravity. The effluent is to be pumped into above the ground level tank till it is disposed to CETP, Pharmacity.

[Signature]
MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017


The representatives of the project proponent attended the meeting. The Committee noted the following:

- The proposal is for expansion of production capacity from 3004 kg/day to 6666.66 kg/day.
- After expansion, the total effluent generation is increased from 8.50 KLD (LTDS – 8.5 KLD) to 26.95 KLD (HTDS – 7.95 KLD, LTDS – 19.00 KLD). As per the land area, the permitted effluent generation is 122.8 KLD (HTDS – 30.7 KLD, LTDS – 92.1 KLD). The effluent generation on after expansion within the permitted loads.

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

+ pH meter is to be installed to the scrubber by the end of February, 2017.


The Committee noted the following:

- The industry has not provided the following as per the conditions stipulated:
  
  i. Data logger to the pH meter provided to the scrubber.
  
  ii. Shed with Leachate collection system for storage of drums.
  
  iii. Shed for storage of coal.
  
  iv. Rain water runoff tank for collection and storage of first flush storm water.

- The industry has manufactured 5 products in which 3 are consented products and 2 are new products for which they applied for CFE.

- The industry developed green belt in 1.0 acre against the requirement of 1.56 acres.

The representatives of the project proponent attended the meeting and informed that they would comply with the above conditions and agreed to develop the additional green belt.

After detailed discussions, the Committee recommended to issue CFE after receipt of commitment from the industry on above points.

[Signature]

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017


The Committee noted the following:

- The proposal is for expansion of production from 1476.67 kg/day to 1800.0 kg/day.
- For the last 6 months, the industry manufactured 31 products. Out of 31 products, 22 products as consented and the remaining 9 products are un-consented and applied for these 9 products in the present proposal.
- The industry has installed 3 nos. of hot oil boilers without CFE and included in the present proposal.
- The industry has not laid permanent lines for transferring effluent from production blocks to above ground flours.
- The industry shall construct shed for storage of coal.

The representatives of the project proponent attended the meeting. They have informed that they would comply with above points.

After detailed discussions, the Committee recommended to issue CFE after request of time bound action plan to comply with above conditions.


The Committee noted that the proposal is for change of product mix within the permitted pollution loads.

After detailed discussions, the Committee recommended to issue CFE & CFO upto 30.06.2017 (i.e., existing validity period of CFO) as per the Board circular dated 29.03.2016 subject to submission of commitment on providing rain runoff tank and detoxification facility.

ITEM NO. 11 M/s. SRM Laboratories pvt Ltd., Division – I (SR unit) (formerly Amrutha Chemicals Pvt. Ltd., Unit – II (SR Unit)), Plot No 23 J, Denotified Area, APSEZ, Lalamkoduru (V), Atchutapuram (M), Visakhapatnam District – Amendment to CFE order - Reg.

The representatives of the project proponent attended the meeting. They have requested for the amendment of the earlier CFE order as following:

- Capacity change i.e., 50 KLD as against the permitted in CFE of capacity 50 TPM
- Increase in project cost from 2.0 Crores to 10.0 Crores and
- Enhancement of Boiler capacity from 2TPH to 5 TPH may be considered.

[Signature]

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017

The Committee noted the following:

➢ As the industry has proposed to increase the Boiler capacity from 2 TPH to 5 TPH, the water balance and quantity of boiler ash generated will also change proportionately.

➢ Further, the cost of the project is also increased from Rs. 2.0 crores to 10.0 crores.

➢ The proponent also informed that installed capacity is 50.0 KLD instead of 50.0 TPM. Hence, quantity of solid waste will change.

➢ The above amendments are more or less equivalent to expansion of existing industry.

After detailed discussions, the Committee recommended to advise the industry to apply for CFE (exp.), through Single Desk Portal.


The Committee noted that, it is not clear what is the storage capacity of Compressed Natural Gas.

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

❖ The storage capacity of the CNG does not exceed 2 x 3150 water liters.
❖ They fill the Natural Gas to the buses, autos etc.,

After detailed discussions, the Committee recommended to issue CFE to the project after receipt of commitment on the storage capacity of CNG.

ITEM NO. 13 M/s Hindustan Petroleum Corporation Ltd., (POL Depot.) Sy. No. 1000-1027, Peddapalli (V), Siddavatam (M), Kadapa District – Issue of CFE expansion – Reg.

The industry obtained EC vide order dt. 20.05.2011 from SEIAA, A.P. The Board also issued CFE to the industry. The details are as following:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the Products</th>
<th>As per CFE order dt. 04.01.2011</th>
<th>As per EC order dt. 20.05.2011</th>
<th>Total capacity of storage after expansion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Motor Spirit (MS)</td>
<td>5600 KL</td>
<td>5600 KL</td>
<td>5600 KL (AG) 270 KL (UG)</td>
</tr>
<tr>
<td>2</td>
<td>High speed diesel (HSD)</td>
<td>9640 KL</td>
<td>16,800 KL</td>
<td>16,800 KL (AG) 70 KL (UG)</td>
</tr>
<tr>
<td>3</td>
<td>Superior Kerosene Oil (SKO)</td>
<td>2460 KL</td>
<td>2,600 KL</td>
<td>2,600 KL (AG) 70 KL (UG)</td>
</tr>
<tr>
<td>4</td>
<td>Furnace Oil (FO)</td>
<td>8780 KL</td>
<td>8780 KL</td>
<td>8780 KL (AG) 70 KL (UG)</td>
</tr>
</tbody>
</table>

The Committee noted the industry has to obtain amendment to EC for the additional underground tanks (480 KL).

After detailed discussions, the Committee recommended to issue CFE for the POL depot with the following condition:

The industry has to obtain amendment to EC for the additional underground tanks (480 KL) and submit a copy to the Board.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017


The Committee noted the following:

- M/s. Hiranmai Polymers has proposed to set up Plastic House hold Items manufacturing unit at Sy.No. 94, Dupadu (V), Kallur (M), Kurnool District with a project cost of Rs.60 Lakhs. The proponent has taken an area of 12.5 cents on rental basis.

- The compliance status of the proposed site of the industry with Siting guidelines from Transportation is as follows:

<table>
<thead>
<tr>
<th>Siting guideline</th>
<th>Compliance status</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) National Highway</td>
<td>Not complied. The proposed site of the industry is at a distance of 16mtrs from the National Highway (NH- 44).</td>
</tr>
<tr>
<td>ii) State High way</td>
<td>Complied.</td>
</tr>
<tr>
<td>iii) M.D.R./Village</td>
<td>Complied.</td>
</tr>
</tbody>
</table>

- Hence, the EE, RO: Kurnool rejected the CFE application vide order dt. 28.10.2016.

- The District Industries Promotion Committee (DIPC) meeting was conducted on 04.02.2017 by the Collector & District Magistrate, Kurnool District and during the meeting, the Collector & District Magistrate has reviewed the rejected CFE & CFO cases of A.P. Pollution Control Board.

- The General Manager, District Industries Center, Kurnool vide letter dated 14.02.2017 has informed RO: Kurnool that “the Collector and District Magistrate, Chairman of DIPC stressed on the point that getting the investments to the Andhra Pradesh is in the interest of the Government. Hence, critical analysis shall be done by the respective regulatory department and see that no case shall be rejected. Further, it is ordered to call the applicants, review the rejected applications, guide them and convert into positive applications with efforts” Also, the Collector & District Magistrate has directed to exempt i) M/s. Hiranmai Polymers from the transportation guideline and to issue Consent for Establishment as the investment is stopped and also they are less polluting.

- Further, it is noted that the Board had also issued a circular dt. 02.02.2013 stating that CFE applications of the industry shall be rejected only based on pollution potential of the industries and impact on the surroundings and not merely on distance criteria.

In view of the above, after detailed discussions, the Committee recommended to refer the item to RO: Kurnool to issue CFE to the industry.

[Signature]
MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 17.02.2017

ITEM NO. 15  M/s. Vinayaka Indutries, Sy.No. 33/2B, Jagadurthy (V), Dhone (M), Kurnool District- Issue of CFE - Reg.

The Committee noted the following:

- M/s Vinayaka Indutries has proposed to set up Potato chips Manufacturing unit at Sy.No. 33/2B, Jagadurthy (V), Dhone (M), Kurnool District with a project cost of Rs.42.91Lakhs. The proponent has taken an area of 1452 Sq.yards and has submitted registered Sale Deed along with the application.

- The compliance status of the proposed site of the industry with siting guidelines from Transportation is as follows:

<table>
<thead>
<tr>
<th>Siting guideline</th>
<th>Compliance status</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Highway shall be - 100 M</td>
<td>National Highway NH-7 (Bangalore – Hyderabad Highway) is at distance of about 20 m. The industry has submitted a under taking stating that, they will shift the unit away from the National Highway (i.e., 100 m from the boundary of the Highway) in case of any complaints against the unit and also during expansion of the National Highway.</td>
</tr>
<tr>
<td>State High way shall be - 50 M</td>
<td>Complied, there is no state Highway is existing within 50 m from the proposed site.</td>
</tr>
<tr>
<td>M.D.R./Village roads shall be - 25 M</td>
<td>Complied.</td>
</tr>
</tbody>
</table>

- It is to submit that the District Industries' Promotion Committee (DIPC) meeting was conducted on 04.02.2017 by the Collector & District Magistrate, Kurnool District and during the meeting, the Collector & District Magistrate has reviewed the rejected CFE & CFO cases of A.P. Pollution Control Board.

- The General Manager, District Industries Center, Kurnool vide letter dated 14.02.2017 has informed RO: Kurnool that “the Collector and District Magistrate, Chairman of DIPC stressed on the point that getting the investments to the Andhra Pradesh is in the interest of the Government. Hence, critical analysis shall be done by the respective regulatory department and see that no case shall be rejected. Further, it is ordered to call the applicants, review the rejected applications, guide them and convert into positive applications with efforts” Also, the Collector & District Magistrate has directed to exempt M/s. Vinayaka Industries from the transportation guideline and to issue Consent for Establishment to the unit as the investment is stopped and also they are less polluting.

- Further, it is noted that the Board had also issued a circular dt. 02.02.2013 stating that CFE applications of the industry shall be rejected only based on pollution potential of the industries and impact on the surroundings and not merely on distance criteria.

In view of the above, after detailed discussions, the Committee recommended to refer the item to RO: Kurnool to issue CFE to the industry.

MEMBER SECRETARY