MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016 AT 10.00 AM
AT APPCB, NSR VILLAS NO. (13 & 17), BESIDE NH-5,
MANGALAGIRI, GUNTUR DISTRICT.

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. S. Bala Prasad, Dept., of Civil Engineering, Andhra University.</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 11.11.2016

ITEM NO. 1 M/s. Berry Alloys Limited, Plot No. 368, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District – Issue of CFE for Sintering Plant in the existing premises – Reg.

After detailed discussions, the Committee ratified the CFE order issued.

ITEM NO. 2 M/s. The KCP Limited, (Cement Unit - II), Rama Krishnapuram, Muktyala (V), Jaggaiahpet (M), Krishna District – Issue of CFE for use of alternate fuel – Reg.

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

➢ In the EC order dt. 26.08.2014 issued by MoEF & CC, Gol, New Delhi a condition was stipulated that “An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.”

➢ In the CFE order dt. 03.11.2014 a condition was stipulated that “an effort shall be made to use of high calorific hazardous waste viz., spent carbon, spent solvent, Dolochar, spent earth from oil reclamation units, waste from welding shops, etc., in the cement kiln and necessary provision shall be made accordingly. Spent Acid shall be used for production of Gypsum. The company shall keep the record of the waste utilized and shall submit the details to the concerned Regional Office, AP PCB along with flue gas monitoring reports as & when Haz. Waste is used along with regular fuel.”

After detailed discussions, the Committee recommended to issue CFE for use of alternate fuels as mentioned above with the following conditions:

• The industry shall submit a commitment that alternative fuels viz., Carbon Black, Spent Carbon and Waste lubricating oil shall be used in the Cement kiln only. They shall not be used as fuels in their Coal based Thermal Power Plant.

• The use of alternative fuels shall be informed to the MoEF&CC, Gol, New Delhi.


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

➢ The EE, RO: Visakhapatnam has not recommended to issue CFE to the industry for expansion, in view of the non-compliance with the conditions stipulated by the Board.

➢ The industry is carrying out distillation of Mother Liquor (ML) obtained from other industries without consent of the Board.

➢ The industry has installed 1 x 4 TPH coal fired boiler without consent of the Board.

➢ The industry has not constructed shed for coal storage.

➢ The industry has developed green belt in an extent of 2000 Sq. m i.e., 10% of total area against the requirement of 33%. Earlier the industry submitted Bank Guarantee dt. 04.02.2015 for development of green belt and the same was returned as the same was expired on 04.02.2016.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016

The representative of the industry informed that they are selling out the intermediates of the products that are having demand in the market, without manufacturing final product. This is being reflected in the excise returns. In this process, the pollution load is being reduced. The representative of the industry has agreed to submit a time bound action plan to comply with above points.

After detailed discussions, the Committee recommended to issue CFE after receipt of time bound commitment for complying with the following conditions:

- The industry shall produce only the permitted products and shall not install boilers etc., without obtaining prior permission from APPCB.
- The industry shall construct rainwater runoff tank for collection and storage of first flush storm water.
- The industry shall dispose the container liners, centrifuge bags, head caps, gloves etc., to TSDF, Parawada.
- The industry shall not distill Mother Liquor (ML) obtained from other industries without consent of the Board.
- The industry shall develop greenery to meet the requirement of 33%.
- The industry shall manufacture consented products and their intermediates only.
- The industry shall mention the name of the intermediate and the name of the corresponding consented product in the excise returns to avoid confusion.


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

- The industry proposed to establish Bulk drug unit in APSEZ, De-notified area, Visakhapatnam District.
- The industry proposed to send the HTDS and LTDS effluents to the CETP to be provided by the APIIC. Further, the industry is also proposed to provide ZLD system if the CETP of APIIC is not ready.
- The industry proposed to green belt in an area of 9170 Sq. m (i.e., 20.7% of total area). The area of green belt shall be increased to 22% of total area as stipulated in the CFE order of APSEZ.

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

- The proponent shall construct storm water drains and connect to the storm water tank collection sump.
- The proponent shall construct rainwater runoff tank for collection of rainwater for first 15 minutes of rain.
- The industry shall install web camera to flow meters along with commissioning of the plant as per CPCB directions.
- The industry shall develop greenery to meet the requirement of 22% of the total area.
- The industry shall install the “ZERO LIQUID DISCHARGE” System and treat the HTDS Effluents in MEE System followed by Stripper with ATFD. The LTDS Effluent shall be treated in Biological ETP followed by RO System in case the CETP is not operational. Otherwise both HTDS and LTDS effluents shall be sent to CETP, APSEZ.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016


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

- In the present proposal the industry proposed to change the product mix from the existing 18 products to 56 products. Out of 56 products, it is proposed to manufacture 18 products at any point of time with a production capacity of 1115 kg/day against the existing permitted capacity of 1117.9 kg/day.

- Due to change of product mix, the effluent generation will be increased from 29.02 KLD (HTDS-21.02 KLD + LTDS-8.00 KLD) to 33.2 KLD (HTDS-23.20 KLD + LTDS-10.00 KLD). Hence, the proposal is to be treated as change of product mix with increase in pollution load.

- The industry is storing the effluents (LTDS and HTDS) in the below ground level tank. The industry has to store the effluents in above ground level tanks. The industry has to construct above ground level tanks.

- The industry has provided single stage scrubbers only instead of multi stage scrubbers and provided on-line pH meter to the scrubbers.

- The industry has not provided storm water drains.

- The industry has not provided shed for storage of coal.

- The industry has manufactured four un-consented products. The industry shall furnish action plan along with time target to provide the above.

The representative of the industry has agreed to submit a time bound action plan to comply with above points.

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

- The proposal is considered as change of product mix with increase in pollution load.

- The industry shall provide tank in tank to collect the effluents generated.

- The industry shall mention the name of the intermediate and the name of the corresponding consented product in the excise returns to avoid confusion.


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

- The industry has manufactured un-consented products, even though the Board issued CFE, CFO order dt. 22.03.2016 (i.e., 7 months back only).

- The industry has to construct coal storage yard.

- The industry has constructed shed for storage of drums. The shed is used for storage of drums and about 100 drums are stored on concrete platform. The industry has to increase the shed capacity for storage of drums.

MEMBER SECRETARY
The representative of the industry has agreed to submit a time bound action plan to comply with above points.

After detailed discussions, the Committee recommended to issue CFE and CFO with a validity period up to 31.01.2019 after receipt of commitment on above points, stipulating the following conditions:

- The industry shall dispose the container liners, centrifuge bags, head caps, gloves etc., to TSDF, Parawada.
- The industry shall produce only the consented products and quantities.
- The industry shall rectify the VOC meter.

ITEM NO. 7  M/s. Hindustan Petroleum Corporation Ltd., Visakha dispatch station, VR – ATP Area, Naval Base Post, Visakhapatnam – Issue of CFE to lay 24” Dia Sub-Sea Pipeline from OSTT Jetty to SS Jetty under VPT area for unloading of oil tankers (Ship vessels) – Reg.

The representatives of the project proponent attended the meeting. The representative of the industry vide Ir. dt. 11.11.2016 confirmed that there is no increase in the throughput of the existing pipeline from Visakhapatnam – Vijayawada – Secunderabad. It will remain within the existing capacity of 5.38 Million MTPA.

After detailed discussions, the Committee recommended to issue CFE to lay 24” dia Sub-Sea Pipeline from OSTT Jetty to SS Jetty in VPT area for unloading of oil tankers (Ship vessels) without increase in throughput.


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

- The project shall adopt Zero Liquid Discharge system. The treated waste water of about 46.3 KLD is to be re-used for domestic purpose & 5.6 KLD for development of greenbelt during non-monsoon period. Remaining treated waste water of about 66.9 KLD is to be utilized for HVAC (Heating Ventilation and Air conditioning) chillers makeup.

- The project proponent shall lift the treated waste water (5.6 KLD) to the nearest STP during monsoon period, till the public sewer is commissioned.

[Signature]

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016


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

- The industry proposed to establish Bulk drug unit in Achutapuram SEZ, de-notified area.
- The industry proposed to send the HTDS and LTDS effluents to the CETP to be provided by APIIC or the industry proposed to provide ZLD system if CETP is not ready.
- The industry proposed only 2 nos. of double stage scrubbers for controlling process emissions. Whereas, the industry requires 3 nos. of scrubbers to scrub HCl, SO₂ and Ammonia emissions respectively. The industry has to provide 3 nos. of double stage dedicated scrubbers with on-line pH meters. The industry has to give commitment on this.
- The industry has proposed green belt in an area of 56370 Sq. m which is 25% of total area which is more than the required as per the norms (i.e., 22%) stipulated in the CFE order issued to SEZ.

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

- The industry shall provide multistage scrubbers along with on line pH meters as committed vide Ir.dt. 11.11.2016.
- The proponent shall construct storm water drains and connect to the storm water tank collection sump.
- The proponent shall construct rainwater runoff tank for collection of rainwater for first 15 minutes of rain.
- The industry shall install web camera to flow meters along with commissioning of the plant as per CPCB directions.
- The industry shall install the “ZERO LIQUID DISCHARGE” System and treat the HTDS Effluents in MEE System followed by Stripper with ATFD. The LTDS Effluent shall be treated in Biological ETF followed by RO System in case the CETP is not operational. Otherwise both HTDS and LTDS effluents shall be sent to CETP, APSEZ.

ITEM NO. 10 M/s. Aparna Construction and Estates Pvt Ltd., Sy No 73/1, 73/10/1, 73/12, 73/13, 73/15, 73/16, 73/2, 73/3, 73/5, 73/4A, 73/P, 73/20, Tadepalli (V&M), Guntur District – Issue of CFE – Reg.

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

- The proponent had obtained EC vide order SEIAA/AP/GNT/CON/09/2016-193 dt.10.10.2016.
- The total quantity of treated waste water is 397.8 KLD. Out of that, 152.4 KLD is recycled; 12.0 KLD is used for development of green belt and 233.4 KLD is discharged into open drains / municipal drains.
- Agricultural lands and apartments are located near by the proposed site. Krishna River is about 700 m in North side of the proposed project.

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

- The project proponent shall lift the treated waste water (233.4 KLD) to the nearest STP till the public sewer is commissioned, as committed vide Ir.dt. 11.11.2016.
- There shall be no discharge into River Krishna under any circumstances.

MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016

ITEM NO. 11 M/s. Aparna Enterprises, Sy.Nos. 72, 73, 58/2, 58/3, 58/5, 58/7, 58/8, 74/1, 74/2, 74/3, 74/4, 75/2, 75/3, 77/1, 77/7, 77/8 & 78/1, Marturu (V), Anakapalli (M), Visakhapatnam District - Applied for CFE expansion. Rejected at ZO: Visakhapatnam. Industry’s request for reconsideration – Reg.

The representatives of the project proponent attended the meeting. After detailed discussions, the item is deferred.


The representatives of the project proponent attended the meeting. After detailed discussions, the item is deferred.

ITEM NO. 13 M/s. Vinayaka Indutries, Sy.No. 33/2B, Jagadarthy (V), Dhone (M), Kurnool District - CFE rejected at RO: Kurnool. Representation of the industry for re-consideration – Reg.

The representatives of the project proponent attended the meeting. After detailed discussions, the item is deferred.


The representatives of the project proponent attended the meeting. After detailed discussions, the item is deferred.

ITEM NO. 15 M/s. Sri Durga Bhavani Stone Crusher, R. Sy. Nos. 443/2, 443/3, 444/1, 3 to 9, Raghunadhapuram (V), Tekkali (M), Srikakulam District- Applied for CFE. Rejected at RO. Request for re-consideration – Reg.

The representatives of the project proponent attended the meeting. After detailed discussions, the item is deferred.


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

- M/s. Trimex Industries Ltd., has obtained CFO of the Board vide order Dt.05.03.2016 for manufacture of Barites Powder – 650 MTPD by using Barites lumps which is valid up to 31.07.2020.
- Now, M/s. Trimex Barite (P) Ltd., obtained EC from SEIAA vide order No. SEIAA/AP/KDP/IND/20/2010 Dt.02.09.2016 for beneficiation of Barites mineral waste 96,000 TPA.
- M/s. Trimex Barite (P) Ltd., is proposed to establish in the premises of M/s. Trimex Industries Ltd., It is not acceptable as both units will be in the same site.

The representative of the project proponent informed that the existing unit viz., M/s. Trimex Industries Ltd., will be continued in the same name, till the new industry M/s. Trimex Barite (P) Ltd., is commissioned. Then, the existing unit viz., M/s. Trimex Industries Ltd., will be taken over by the new unit M/s. Trimex Barite (P) Ltd.,

Sd/-

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

- The name of the existing unit viz., M/s. Trimex Industries Ltd., shall be changed as M/s. Trimex Barite (P) Ltd., duly enclosing No Objection Certificate (NOC) from both the industries. Then only the two industries with one name i.e., M/s. Trimex Barite (P) Ltd., will be continued in the same premises.

- The industry shall obtain necessary amendment to the Environmental Clearance (EC) due to change in the quantity of water requirement, and for not installing drier, as they have adopted dry process.


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

- The industry proposed to establish Bulk drug unit in Atchutapuram, SEZ.
- The industry proposed to send LTDS (20.90 KLD) and HTDS (31.00 KLD) to the CETP proposed to be constructed by APIIC.
- The industry proposed to develop green belt in an area of 5305 Squ. m (32.47%) out of 16338 Squ. m which more than the required norms of 22%.
- M/s APIIC has obtained CFE vide order dt 03.03.2012 for Multi Product SEZ (APSEZ) Atchutapuram & Rambilli Mandal, Visakhapatnam Dist.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Industrial Zone</th>
<th>Area (in acres)</th>
<th>Type of industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Zone – I</td>
<td>1,579</td>
<td>Medium polluting and medium hazardous – Engineering Sector</td>
</tr>
<tr>
<td>2.</td>
<td>Zone – II</td>
<td>2,291</td>
<td>High Polluting and highly hazardous – Petroleum and Petrochemical Sector</td>
</tr>
<tr>
<td>3.</td>
<td>Zone – III</td>
<td>653</td>
<td>Medium Polluting and Medium Hazardous – formulations and fine Chemicals Sector</td>
</tr>
<tr>
<td>4.</td>
<td>Zone – IV</td>
<td>643</td>
<td>Low polluting and low hazardous – Engineering sector</td>
</tr>
<tr>
<td>5.</td>
<td>Zone – V</td>
<td>313</td>
<td>Low polluting and low hazardous – Specialty Chemicals sector</td>
</tr>
<tr>
<td></td>
<td>Total processing zone</td>
<td>5,479</td>
<td></td>
</tr>
</tbody>
</table>

- The representative of the industry informed that the plots in the Zone – III of de-notified APSEZ (Medium Polluting and Medium Hazardous – formulations and fine Chemicals Sector) are exhausted. Hence, the unit is proposed in Zone-V, which is designated for low polluting and low Hazardous specially chemicals sector.

After detailed discussions, the Committee recommended to issue CFE with the following conditions, subject to conversion some part of Zone – V into Zone – III by the APIIC:

- The proponent shall construct storm water drains and connect to the storm water tank collection sump.
- The proponent shall construct rainwater runoff tank for collection of rainwater for first 15 minutes of rain.
- The industry shall install web camera to flow meters along with commissioning of the plant as per CPCB directions.
- The industry shall send both HTDS and LTDS effluents to CETP, APSEZ.

[Signature]
MEMBER SECRETARY
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.11.2016


The Committee noted the following:

➤ The Board issued CFE for installation of boilers of total capacity 11 TPH i.e., 2 x 3 TPH (Phase I) & 1 x 5 TPH (Phase II).

➤ The total capacity of boilers is within the permitted capacity i.e., 9 TPH only (i.e., existing - 3 TPH and proposed - 6 TPH).

After detailed discussions, the Committee recommended to issue amendment to CFE to install new boiler of capacity 6 TPH.

General item:

• A letter shall be addressed to the Secretary to the Government, MoEF & CC, Gol, New Delhi seeking clarification on whether the cement industries, need to obtain amendment to Environmental Clearance already issued them, who are proposing to use pet coke, carbon black, Dolochar, Organic hazardous waste for co-processing in cement kilns or as alternate fuels in the kilns / captive thermal power plants.

[Signature]

MEMBER SECRETARY