AT APPCB, 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., Member Secretary A.P. Pollution Control Board, Hyderabad.</td>
<td>Chairman</td>
</tr>
<tr>
<td>2</td>
<td>Prof. D. Appala Naidu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.</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. A. Gangagni Rao, Senior Principal Scientist , IICT, Hyderabad</td>
<td>Member</td>
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</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.


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


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

ITEM NO. 3  M/s. Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC) - Multiproduct Special Economic Zone (SEZ) at Dwarakapuram, Palepolam, Menakur & Konetirajupalem villages of Naidupet Mandal and Palachuru village of Pellakur Mandal, SPS Nellore District – Issue of CFE – Reg.

The Committee noted the following:


- APIIC obtained EC vide order dt. 26.02.2016 for multiproduct SEZ. As per the condition no. 1 (i) stipulated in EC, “There shall be no manufacture of automobile parts, only assembling is permitted.”

- As per the application submitted to APPCB only “Orange and Green Category Industries” will be established in the proposed SEZ. If any Red category industries willing to come / allotted by APIIC authorities, shall obtain necessary clearance from statutory authorities as per the procedures of MoEF & CC.

The representatives of the project proponent attended the meeting. They have informed that a commitment letter on development of green belt would be submitted.

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

- “Orange and Green Category Industries” will be established in the proposed SEZ. If any Red category industries willing to come / allotted by APIIC authorities, they shall obtain necessary clearance from statutory authorities as per the procedures of MoEF & CC.

- The APIIC shall furnish site layout plan drawn to scale, plotting all the plot nos. and plots already allotted to the industries.

- The APIIC shall not allocate the land / plots for other than those industries categories mentioned in the application.

- Out of the area allocated for green belt of 340.74 ha i.e., 842.0 acres, percentage of green belt to be developed by APIIC and percentage of green belt to be developed by individual plot owners shall be specified. The percentage of green belt to be developed by plot owners shall be incorporated in the agreement copies.

- A time bound action plan to construct and commission the CETP to meet the requirements of the industries shall be submitted. The design details of the CETP shall be furnished and permission shall be obtained from APPCB before starting the construction of CETP.

- There shall be no discharge into Mamidi kaluva from the SEZ.

MEMBER SECRETARY


The representatives of the project proponent attended the meeting and informed that they would not manufacture un-consented products in future. They have submitted the following information vide Ir. dt. 24.12.2016.

➢ The industry has committed to develop green belt in an additional area of 0.44 acre to achieve green belt in 33% of total area in the next monsoon.
➢ The industry has submitted photographs indicating installation of pH meters. A copy of the purchase order dt. 12.12.2016 to install VOC analyzer is submitted.
➢ The industry has committed to construct storm water drains within a month.

After detailed discussions, the Committee recommended to issue CFE & CFO as per circular dt. 29.03.2016 for Change of Product Mix with the following conditions:

a) The industry shall not manufacture new products without CFE/CFO of the Board.

b) The industry shall develop green belt in an additional area to achieve green belt in 33% of total area in the next monsoon.

c) The industry shall maintain pH meters. The industry shall install VOC analyzer within a month.

d) The industry shall construct storm water drains within a month.


The representatives of the project proponent attended the meeting and informed that they would not manufacture un-consented products in future. They have submitted the following information vide Ir. dt. 24.12.2016.

➢ The industry obtained approval from FDI recently. The industry manufactured low volume products as per the requirements of customers for validation purpose.

➢ The industry has submitted purchase order dt. 20.12.2016 to provide data logger to pH meter within a week.

➢ The storm water drain would be constructed within a month.

➢ Green belt in an additional area of 2413 Sq.m to meet the required green belt in an area of 33% of total area, would be developed in the next monsoon.

➢ A copy of the manifest dt. 22.12.2016 with respect to disposing inorganic salts – 6.78 tons to M/s. Coastal Waste Management Project (TSDF) is submitted.

After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix with the following conditions:

a) The industry shall not manufacture new products without CFE/CFO of the Board.

b) The industry shall develop green belt in an additional area of 0.44 acre to achieve green belt in 33% of total area in the next monsoon.

c) The industry shall provide data logger to pH meter within a week.

d) The industry shall construct storm water drains within a month.


The representatives of the project proponent did not attend the meeting. The Committee noted that the proponent has to furnish clarification for showing lesser cost of the project as Rs. 15.0 Crores i.e., @ Rs. 560 / S.ft (including land and construction cost).

After detailed discussions, the Committee recommended to issue CFE subject to receipt of clarification on the above point from the project proponent.

ITEM NO. 7 M/s. Manjeera Towers., R.S. No. 399, 399/1, Atmakuru Village, Mangalagiri Mandal, Guntur District – Issue of CFE expansion – Reg.

The Committee noted the following:

➢ Earlier, the Board issued CFE for residential project with a built up area of 49, 724.5 Sq. m. Now, the proponent applied for CFE with a building area of 1,02,976.80 Sq. m. The proponent obtained Environmental Clearance order dt. 17.05.2016 for the expansion project. The project is to be considered as expansion project.

➢ The proponent has to pay the balance CFE fee for the proposed expansion project under Red-Category.

➢ The proponent shall give an undertaking that they will not discharge the effluents into the adjacent Guntur channel.

The representatives of the project proponent attended the meeting. They have submitted a commitment on above points vide Ir. dt. 24.12.2016. The project proponent is advised to pay the balance fee at Regional Office, Guntur.

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

“The shall be no discharge into Guntur channel under any circumstances”.

ITEM NO. 8 M/s. Krishnapatnam Port Company Limited, Krishnapatnam (V), Muthukur (M), SPSR Nellore District – Amendment to CFE order - Reg.

The Committee noted that the EE, RO: Nellore has not recommended some of the amendments keeping in view of complaints received from the nearby residents. The letters submitted by the industry indicating reasons for requesting amendments were enclosed in the agenda.

The representatives of the project proponent attended the meeting. They have given a presentation on the above subject and submitted a Ir. dt. 23.12.2016. In the letter they have informed as following:

[Signature]

MEMBER SECRETARY

### SCHEDULE-B (II-Operational phase)

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Existing Condition</th>
<th>Amendment requested by the industry</th>
<th>Information submitted by the industry vide dt. 23.12.2016</th>
</tr>
</thead>
</table>
| 4 (C) | Cargo storage Areas: Facilities for automatic water sprinkler system and facilities for the drainage’s of sprinkler water / rain water shall be provided. The cargo storage areas shall have their own greenbelt of 20 meters width. | Cargo storage Areas: Facilities for water sprinkler system and facilities for the drainage’s of sprinkler water / rain water shall be provided. The cargo storage areas shall have their own greenbelt of 20 meters width. | The automatic water sprinklers are not feasible as MDSS has to be operated based on climatic condition viz., temperature, wind, humidity, rain fall, nature of cargo, extent of storage, type of operations at the yard etc., which are not amenable to automation and operations of MDSS.  
- The industry had submitted the measures taken by them for suppression of dust.  
- As per the AAQ monitoring reports of an agency accredited by NABL and approved by MoEF&CC, Gol, New Delhi, the parameters are within the limits. |

IV. Once the port is established, onsite and offsite emergency action plan has to be prepared after carrying out risk analysis and hazop studies.  

Once the port is established, onsite emergency action plan has to be prepared after carrying out risk analysis and hazop studies.  

The industry vide dt. 31.10.2016 informed that the On-site Contingency Plan reviewed by Former Director General & Chief Inspector of Docks, Directorate of Factory Advice Service & Labour Institute, Ministry of Labour & Employment, Government of India, has been submitted to District Collector, Nellore to integrate into the off-site emergency plan. The District Authorities co-ordinate for any off-site emergency situation.

## CFE Order No.633/PCB/CFE/RO-NLR/HO/2010-390 Dt.08.05.2010 & Amendment to CFE Order No.133/APPCCB/RO-NLR/HO/2015 Dt.02.07.2015 (Phase – II):

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Existing Condition</th>
<th>Amendment requested by the industry</th>
<th>Information submitted by the industry vide dt. 23.12.2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Separate energy meters shall be provided for Effluent Treatment Plant (ETP) and Air Pollution Control equipments to record energy consumed.</td>
<td>Separate energy meters shall be provided for &quot;Effluent Treatment Plant&quot; with &quot;Sewage Treatment Plant&quot; and MDSS pump houses i.e., air pollution control equipment to record energy consumed.</td>
<td>As Port being a non-processing unit, establishment of ETP is not called for. Therefore it is requested to amend the condition in CFE to provide separate energy meters to record energy consumed for the STP and MDSS pump house i.e., air pollution control equipment.</td>
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### SCHEDULE-B : Air:

11. The proponent shall comply with the following for controlling fugitive emissions.  

Fully mechanized handling equipment for loading & unloading operations.  

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MEMBER SECRETARY
**MINUTES OF THE CFE COMMITTEE MEETING HELD ON 24.12.2016**

<table>
<thead>
<tr>
<th>Entry</th>
<th>Description</th>
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<tbody>
<tr>
<td>Closed conveyor belt with water sprinkling arrangement for suppression of dust while conveying dusty cargoes like coal &amp; iron ore. Specially designed Iron Ore ship loader with goose neck chute to reduce drop height of iron ore into the ship.</td>
<td>This part of the condition pertains to mechanization of Iron Ore Exports. Mechanization of iron ore handling shall be resorted to once exports volume exceeds 6 Million MTPA as per directive of the APPCB. Iron-ore ship loader which is adequately designed with proven state of art technology for effective controlling of fugitive emissions will be deployed by them as and when needed.</td>
</tr>
<tr>
<td>All the vehicles involved in transportation of cargo shall be covered with tarpaulin.</td>
<td>All outgoing vehicles involved in transportation of cargo shall be covered with tarpaulin. In respect of trucks moving inside they are implementing mechanical covering and maintaining the cargo in wet condition, to reduce fugitive emissions.</td>
</tr>
<tr>
<td>Vehicles shall be managed to avoid traffic congestions and shall provide empty dusting vehicle washings / dry cleaning system to clean all outgoing cargo vehicles.</td>
<td>Vehicles shall be managed to avoid traffic congestions and shall provide empty dusting vehicle washings / dry cleaning system to clean the cargo vehicles. They have provided truck washing system for empty dusty cargo vehicles of the port to avoid fugitive emissions.</td>
</tr>
<tr>
<td>Based on traffic density / vehicular movements anticipated from the port, parking facilities will be provided.</td>
<td>Based on traffic density / vehicular movements anticipated from the port, parking facilities will be provided. ---</td>
</tr>
<tr>
<td>Automated mechanical water sprinkling shall be provided on roads and at dusty cargo storage areas, for suppression of dust.</td>
<td>Mechanical water sprinkling shall be provided on roads and at dusty cargo storage areas, for suppression of dust. The automatic water sprinklers are not feasible as MDSS has to be operated based on climatic condition viz., temperature, wind, humidity, rain fall, nature of cargo, extent of storage, type of operations at the yard etc., which are not amenable to automation and operations of MDSS.</td>
</tr>
<tr>
<td><strong>22. Onsite &amp; Offsite Disaster Management Plan</strong></td>
<td>The industry had submitted the measures taken by them for suppression of dust. As per the AAQ monitoring reports of an agency accredited by NABL and approved by MoEF&amp;CC, GoI, New Delhi. The parameters are within the limits.</td>
</tr>
<tr>
<td>Onsite Disaster Management Plan shall be prepared to meet any eventuality in case of any accident. Mock drills shall be conducted at least twice a year and modifications required if any shall be incorporated in Disaster Management Plan.</td>
<td>On-site emergency plan as well as Disaster Management Plans are prepared and submitted to District authorities for integration with Off-site emergency plan &amp; APPCB. Same is being updated &amp; followed. The District Administration coordinates all off-site emergency situations. In this regard, our on-site emergency plan has been submitted to the District Administration as required.</td>
</tr>
</tbody>
</table>

After detailed discussions, keeping in view the practical problems, the Committee recommended to issue amendments to CFE orders as requested by the industry.

**MEMBER SECRETARY**


The representatives of the project proponent did not attend the meeting. The Committee noted the following:

➢ The proposal is for augmentation of the existing shipyard facilities and associated services for construction of Future Strategic vessels for Indian Navy.

➢ APCZMA has recommended the project to MoE&F vide lr. dt. 28.04.2016.

➢ The proponent requested to issue NOC to obtain CRZ Clearance from the MoEF&CC, Gol, New Delhi.

After detailed discussions, the Committee recommended to issue NOC to the project.


The representatives of the project proponent attended the meeting. They have informed as following vide lr. dt. 23.12.2016:

➢ The industry proposed to utilize one production line out of existing two production lines for manufacturing proposed non-Asbestos Fibre Cement Sheets.

➢ The industry had obtained EC from MoEF, Gol and CFE from APPCB to manufacture Asbestos Cement Sheets – 3.0 lakh TPA. The industry clarified that the total production capacity of Asbestos Cement Roofing Sheets and new product viz., Fibre Cement Sheets (non-Asbestos) is 3.0 lakh TPA only. There is no increase in the permitted production capacity.

➢ The waste water generated from the Boiler and Autoclave is reused for process makeup. There is no requirement of additional quantity of water for the new product.

➢ The Solid waste generated from the new product is non-hazardous it would be reused in the process to ensure zero waste.

➢ As the raw materials used for the new product are non-hazardous, and the new product (non Asbestos) is not listed in the schedule of EIA Notification, 2006 and its amendments thereof, it was requested that amendment to the EC is not required for the new product.

After detailed discussions, the Committee recommended to issue CFE for Asbestos Cement Roofing Sheets and new product viz., Fibre Cement Sheets (non-Asbestos) with total production capacity 3.0 lakh TPA only.

[Signature]
MEMBER SECRETARY


The Committee noted the following:

➢ The item was discussed in the CFE Committee meeting held on 03.12.2016. After detailed discussions, the Committee considered the proposal as an integrated proposal consisting of Common Municipal Solid Waste Management Facility (CMSWMF) and RDF based 15 MW Power Plant. It is recommended to advice the project proponent to obtain Environmental Clearance (EC) from the SEIAA, AP. After that, they shall approach APPCB for obtaining necessary Consent for Establishment order.

➢ The above decision was communicated to the proponent vide letter dt. 05.12.2016 through A.P. Single Desk Portal.

➢ In response to that the project proponent vide letter dt. 22.12.2016 has informed that the Principal Secretary MA & UD, Government of Andhra Pradesh has requested to submit CFE applications for their 3 Waste to energy projects in Andhra Pradesh. Hence, the project proponent has requested to reconsider their CFE applied on 27.10.2016, for issuance of CFE.

The representatives of the project proponent attended the meeting. They have informed that they need the CFE from APPCB for obtaining financial closure by March, 2017.

After detailed discussions, the Committee recommended to issue CFE for the project subject to the following conditions:

a) The proponent shall start construction work of the project after obtaining Authorization under Solid Waste Management Rules, 2016 for establishment of storage, handling and management of Municipal Solid Waste.

b) The proponent shall start construction work of the project after obtaining Environmental Clearance for the project as required under the provisions of EIA notification 2006, and its amendments thereof.

ITEM NO. 12  M/s. Gee Bee Ferro & Power Private Limited, Plot No. 213, APIIC, Growth Center, Bobbili (V) & (M), Vizianagaram District - Issue of CFE for Quartz Pulverising Unit – Reg.

The Committee noted the following:

i. It is proposed to install Quartz pulverizing unit as part of Ferro Alloy Unit, for which the proponent obtained EC from the MoE&F, GOI, New Delhi and CFE order from APPCB.

ii. The Quartz powder will be used as raw material in Ferro Alloy Unit.

iii. As the proposed unit is not the standalone pulverizing unit and located in IDA, the siting guidelines of pulverizing units are not applicable.

After detailed discussions, the Committee recommended to issue CFE for the Quartz Purverising Unit.

[Signature]
MEMBER SECRETARY


➢ The industry obtained Environmental Clearance (EC) dated 03.08.2011 from the SEIAA, AP. As per the rules in vogue, the validity period of EC order is 7 years from the date of issue. Hence, the validity period of EC order is upto 02.08.2018.


➢ The industry vide ir. dt. 09.12.2016 informed as following:
   a) The Company has completed the land development work for the storage terminal at Kakinada, by investing over Rs. 2.0 Crore. The said project was put on hold due to substantial commitment of the Company in the Composite Logistics Hub project of the Subsidiary Company, Kesar Multimodal Logistics Ltd., Powarkheda. M.P.
   b) Now, that the first phase of their Multimodal Logistics Hub at M.P. is completed. They are trying to start the work of Storage Terminal at the earliest possible date.
   c) The industry requested to extend the validity of the CFE for a further period of 5 years for setting up Bulk Liquid Storage Terminal for storage of Petroleum Class “A” & Class “C” products and Dry Cargo i.e., upto 18.12.2021.

➢ After detailed discussions, the Committee recommended to extend the validity of CFE order for a further period of 5 years i.e., upto 18.12.2021 with the following condition as per the circular dt. 03.06.2016.
   “The industry shall get further extension of EC before its expiry”.

ITEM NO. 14 M/s. UPS Envirotech, Plot No.54D, 54G, IDA Street, Kondapally (V), Ibrahimpatnam (M), Krishna District – Reg.

The industry is involved in Mixed Waste Processing (Hazardous & Non – Hazardous) unit. The proponent has applied for CFE of the Board through Single Desk Portal. The industry representative attended the meeting and submitted to the committee that the waste will be mixed in closed system; not keeping hazardous waste more than 30 days.

After detailed discussions, the Committee recommended to issue CFE of the Board duly stipulating the following additional condition along with other conditions.

1. Hazardous waste shall not be stored more than 30 days in the premises as committed.
2. The hazardous waste collected shall not be dumped illegally / unauthorizedly.
3. The mixed waste characteristics shall match with the data sheets of the CPCB.
4. The proponent shall not process odour causing wastes or mercaptans.
5. The proponent shall ensure uniform composition of the alternate fuels and sent to cement plants.
6. The proponent shall transport from member units to their facility in dedicated tankers fitted with GPS tracking devices.
7. Online manifesto system and vehicle tracking system to collection / transportation / dispose of Hazardous waste and shall be connected to website of the Board.
8. The proponent shall not carry out any chemical reaction with hazardous waste.

[Signature]

MEMBER SECRETARY