MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019
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>Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad</td>
<td>Member</td>
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<tr>
<td>3</td>
<td>Dr. S. Bala Prasad, Dept., of Civil Engineering, Andhra University</td>
<td>Member</td>
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The Chairman 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.

The Committee noted the following:

1. The proponent has not obtained Environmental Clearance which is required under EIA Notification 2006 and as per EC order dt. 09.10.2015 issued to APCRDA for capital city of Amaravathi.

2. Proponent has proposed STP based on MBBR technology.

3. The proponent has paid balance CFE fee of Rs. 2,25,000/- at RO: Guntur.

In order to comply with the time limits stipulated by the Government, the Board issued CFE order dt. 24.05.2019 to the project with one of the conditions that "The proponent shall start the construction of the project only after obtaining EC from the SEIAA, AP." A copy of the EC shall be submitted at Regional Office: Guntur for record, before starting any construction work"

After detailed discussions the Committee ratified the CFE order issued.

ITEM NO. 2  M/s. ONGC Ltd., Exploratory drilling of well GMT-AA at Alamuru Village in Penumantra (M), West Godavari District - Applied for CFE and CFO – Reg.

In order to comply with the time limits stipulated by the Government, the Board issued CFE order dt. 23.05.2019 to the industry. After detailed discussions the Committee ratified the CFE order issued.


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ITEM NO. 4  M/s. Sagar Cements (R) Ltd., Gudipadu (V), Yadiki (M), Anantapuram District - Applied for CFE for usage of alternative fuels in the Kiln – Reg.

In order to comply with the time limits stipulated by the Government, the Board issued amendment to CFE order dt. 04.06.2019 to the industry with the following conditions:

a) The industry shall install required air pollution control systems so that the concentration of the pollutants in the emissions shall not exceed the standards prescribed by the MoEF&CC, Gol, New Delhi from time to time.

b) The industry shall obtain amendment to CFO order of the Board before starting usage of above mentioned additional fuels in the Cement kiln.

After detailed discussions the Committee ratified the amendment to CFE order issued to the industry.

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ITEM NO. 5  M/s. Oil & Natural Gas Corporation Ltd., exploratory drilling well (MDAN) at Kaleru Village, Kapileswarapuram Mandal, East Godavari District - Applied for CFE and CFO – Reg.

The Committee noted the following:

a) M/s. ONGC Ltd; applied for CFE & CFO of the Board for exploratory drilling of well MDAN for Oil & Gas.

b) MoEF&CC, Govt. order dt. 23.03.2015 issued Environmental Clearance for exploratory drilling of 13 wells in PELIB Block in East Godavari District. As per the RO report, the proposed well is one among them.

c) As per the Board’s circular dt. 02.02.2013 CFE & CFO may be issued for one year.

The representatives of the project proponent attended the meeting. They have clarified that subsidence problem does not occur as the depth of the exploratory well is about 3000 m to 4000 m below the ground level.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year to drill the exploratory well.

ITEM NO. 6  M/s. ONGC, Exploratory drilling of well PG-AE, Kakileru Village, Iragavaram (M), West Godavari District - Applied for CFE and CFO – Reg.

The Committee noted the following:

a) M/s. ONGC Ltd; applied for CFE & CFO of the Board for exploratory drilling of well PG-AE for Oil & Gas at Kakileru (V), Iragavaram (M), West Godavari District.

b) MoEF&CC, Govt. issued Environmental Clearance dt. 23.03.2015 for exploratory drilling of additional 24 wells in KG basin on-land in West Godavari District. As per the RO report, the proposed well is one among them.

c) As per the Board’s circular dt. 02.02.2013 CFE & CFO may be issued to the proposed well.

The representatives of the project proponent attended the meeting. They have clarified that subsidence problem does not occur as the depth of the exploratory well is about 3000 m to 4000 m below the ground level.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year to drill the exploratory well.

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ITEM NO. 7 ONGC Ltd., (NGN-AA), Testing of exploratory drilling of well, Uppalakalvakunta (V), Pedana (M), Krishna District - Applied for CFE and CFO – Reg.

The Committee noted the following:

a) M/s. ONGC Ltd; applied for CFE & CFO of the Board for exploratory drilling of well NGN-AA for Oil & Gas.

b) MoEF & CC, Govt vide order dt. 23.03.2015 issued Environmental Clearance for exploratory drilling of 28 wells in Krishna District. As per the RO report, the proposed well is one among them.

c) As per the Board’s circular dt. 02.02.2013 CFE & CFO may be issued for one year.

The representatives of the project proponent attended the meeting. They have clarified that subsidence problem does not occur as the depth of the exploratory well is about 3000 m to 4000 m below the ground level.

After detailed discussions, the Committee recommended to issue CFE & CFO for one year to drill the exploratory well.

ITEM NO. 8 Dr. Reddy’s Laboratories Ltd API SEZ, Devunipalavalasa Village, Srikakulam District - Extension of validity of CFE order - Reg.

The Committee noted the following:

1. The Board issued CFE vide order dt. 10.10.2012 to produce Bulk drugs and formulations in 4 Phases. The order is valid upto 09.10.2019 as per Board’s Circular dt. 16.12.2015 with regard to auto renewal of CFE validity.

2. As per the Board’s circular dt. 03.06.2016 the CFE order can be further extended for a period of 7 years on receipt of request from the proponent for extension of validity.

3. The industry requested the Board to extend the validity of CFE order for further seven years i.e., upto 09.10.2026.

4. The industry obtained Environmental Clearance on 24.11.2009 from MoE&F, Govt, New Delhi for manufacturing of API products. Further, the industry obtained amendment to Environmental Clearance to include manufacturing of Formulations. EC is valid upto 23.11.2016. The proponent has to obtain extension of validity period of EC, to commission all phases.

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

- The CFE order dt. 10.10.2012 was issued by the Board on par with the EC order dt. 24.11.2009 and amendment to EC order dt. 22.08.2012.

- As per the rules in vogue, the EC order is valid upto 21.08.2019. Further, they have already completed and commissioned the industry with lesser capacity than the permitted capacity in the EC orders. CFO orders were also obtained from the Board for the existing production capacity. The industry wish to commission the remaining capacity in the coming years. Hence, extension of validity of EC may not require.

- Requested to extend the validity of CFE order dt. 10.10.2012 to another 7 years i.e., upto 09.10.2026.

After detailed discussions, the Committee recommended to extend the validity of CFE order dt. 10.10.2012 to another 7 years i.e., upto 09.10.2026.

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The Committee noted the following:

a) The industry had obtained EC order dt. 24.11.2009 and EC order (amend) dt. 22.08.2012 to manufacture API (1880884 kg/annum) and Formulations (Solid oral) (16.823 billion/annum).

b) The Board issued CFE order dt. 10.10.2012 for all the 4 Phases (5224.73 kg/day).

c) Subsequently, the Board issued CFE orders dt. 24.12.2013, 29.11.2014, 29.11.2014 and 11.01.2017 for change of product mix for Phase – 1 products. Remaining Phases are not yet commissioned.

d) Now, the industry has once again applied for CFE for change of product mix, for Phase – 1 products only.

e) It is reported that the industry has taken an amendment to CFO order to treat the effluents in their sister concern i.e., CTO – Unit – VI as the industry is not generating sufficient quantity of effluents.

f) The industry shall avoid open storage of effluents HTDS effluent in RCC tank, which is generating odour in the surrounding area.

g) Sludge generated after decanter is having high moisture, which is generating leachate.

h) The industry is not operating the stripper and reported that they diluting the HTDS effluent with LTDS and treating in the Biological treatment followed by RO plants. RO rejects are treated in MEE followed by ATFD.

i) The industry has to dispose the plastic waste accumulated and stored at HW area.

j) The industry has to avoid leakages in RO plant.

The representatives of the project proponent attended the meeting and informed vide Ir. dt. 11.06.2019 as following:

- The industry has taken an amendment to CFO order to treat the effluents in their sister concern i.e., CTO – Unit – VI as the industry is not generating sufficient quantity of effluents.

- The industry is not operating the stripper as the quantity of HTDS effluents being generated is very less. Hence, they are diluting the HTDS effluent with LTDS and treating in the Biological treatment followed by RO plants. RO rejects are being treated in MEE followed by ATFD. Whenever, sufficient quantity and quality of HTDS effluent is generated, they utilize the HTDS treatment scheme.

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- The industry has provided above ground level closed tank to collect, store and transfer of HTDS and LTDS effluent schemes at production blocks. At ETP effluents are stored in RCC tanks with covers to reduce odour in the surroundings. These covers can be opened for the maintenance of mixtures and for cleaning the tanks. They have submitted photographs.

- Sludge generated after decanter 70% dryness and the area of operation & storage area is in closed condition with concrete platform and leachate collection facility. Hence, there is no soil contamination.

The representative of the industry had also informed the following:

- The plastic waste accumulated and stored at HW area was disposed to Cement industries.

- The RO plant consists of disc type filters. Hence, leakages are there. The industry has constructed a dyke wall and collecting the leaked waste water for treatment in the RO plant.

After detailed discussions, the Committee recommended to issue CFE (CPM) to the industry after receipt of analysis report of combined effluents (HTDS and LTDS) being treated in the ETP.

ITEM NO. 10 M/s. Dr. Reddy’s Laboratories Limited, CTO Unit-VI, IDA, Pydibheemavaram (V), Ranasthalam (M), Srikakulam District - Request for Amendment to CFE - Reg.

The Committee noted the following:

a) The Board issued CFE order dt. 18.02.2019 to the industry for Change of Product Mix in which list of proposed By-products were not incorporated.

b) Amendment to CFE order dt. 18.02.2019 may be issued duly incorporating the By-products as requested by the industry and as per the RO report.

The representatives of the project proponent attended the meeting. They have requested to issue amendment to CFE order incorporating the by-products in the order.

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


The Committee noted the following:

1) M/s. SSV Pharma Pvt. Ltd applied for CFE of the Board to establish Bulk drug & Intermediate manufacturing unit at APSEZ, Atchutapuram.

2) The industry proposed to send the effluent to M/s. AETL i.e., CETP of Atchutapuram SEZ. But, M/s. AETL has not yet commissioned the CETP.

3) The area of the site is 36,440 Sq. m.

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The representatives of the project proponent attended the meeting and submitted the following vide lr. dt. 11.06.2019:

- It is proposed to commence operations by June, 2020.
- Effluent would be sent to CETP, Atchutapuram (if commissioned) or CETP, JNPC as permitted by the Board.
- Requested to incorporate Thermic Fluid Heater of capacity 1 x 4 lakh K Cal in the CFE order.
- Requested to issue CFE for the proposed unit.

After detailed discussions, the Committee recommended to issue CFE incorporating Thermic Fluid Heater of capacity 1 x 4 lakh K Cal. The proponent is not permitted to send the effluents to CETP, JNPC as it is reached its maximum capacity. The effluents are to be sent to CETP, M/s. AETL only. If M/s. AETL is not commissioned, the proponent has to establish their own ETP.


The Committee noted the following:


b) The industry proposed to send the effluent to M/s. AETL for further treatment and disposal. But CETP of M/s. AETL is not yet commissioned.

c) The proponent has to submit the details of Solvent Recovery Unit.

The representatives of the project proponent attended the meeting and requested to issue CFE for the proposed unit. They have clarified that a Solvent Recovery Unit would not be installed to recover and reuse the Solvents.

After detailed discussions, the Committee recommended to issue CFE after receipt of commitment from the proponent for not installing Solvent Recovery Unit.

ITEM NO. 13 M/s. Fame Builders, Sy.Nos. 94/1, 94/2B, 94/3B, 94/4, 94/5A, 94/5B, 94/6A, 94/6B, 94/7, 94/8A, 94/8B, 94/10A, 94/10B & 96/2, Sagar Nagar, Yendada Village, Chinagaddi Mandal, Visakhapatnam District - Applied for CFE – Reg.

The Committee noted the following:


b) Now the proponent applied for Consent for Establishment of the Board for the same.

The representatives of the project proponent attended the meeting. They have informed that drainage would be provided by the local body by the time they complete the project. Otherwise, they would treat the waste water and reuse for various purposes as stipulated in the EC order.

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

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The Committee noted the following:

The Board issued CFE expansion to M/s. Prakash Ferrous Industries Pvt. Ltd., Sy. No.1 to 12 and 27/P of Urandur Gram Panchayath, Srikalahasti Mandal, Chittoor District vide order dt. 06.03.2012 to produce Ferro Alloys and other products. It is valid for 5 years upto 05.03.2017.

The industry vide Ir. dt. 09.05.2019 has requested the Board to extend the validity of CFE for another 3 years on the following grounds:

a) The EC order dt. 30.12.2011 was issued by the SEIAA, AP with a validity period of 7 years.

b) The industry established the steel Rolling Mill only and other units are not established.

c) The industry vide Ir. dt. 03.09.2018 requested the SEIAA, AP to extend validity of EC order for another 3 years to install and commission the remaining units.

d) The SEIAA, AP vide Ir. dt. 04.12.2018 opined that the industry had already started establishment of a unit and hence the EC issued is valid for completion of other units of the proposed project. It was informed that the extension of validity of EC is not required.

e) As per the Board's circular dt. 16.12.2015 w.r.t. auto renewal of CFE validity, the CFE order dt. 06.03.2012 is deemed to valid upto 05.03.2019.

f) As per the Board's circular dt. 03.06.2016, CFE order can be further extended for a period of 7 years on receipt of request from the proponent for extension of validity.

g) In this particular case, the industry requested to extend the validity of CFE for another 3 years only. Hence, the CFE validity period can be extended for another 3 years as requested by the industry i.e., upto 05.03.2022.

After detailed discussions, the Committee recommended to extend the validity of CFE order upto 05.03.2022.

ITEM NO. 15 M/s. Varahi Pharma Pvt. Ltd, Plot No.233 to 238, Growth Centre, Sy.No.98 (Part) and 103 (Part) of Thumakunta (V), at Growth Centre, Hindupur (M), Anantapur District - Applied for CFE for Change of Product Mix - Reg.

The Committee noted the following:

a) M/s. Varahi Pharma Pvt Ltd is located at Plot No.233 to 238, Growth Centre, Sy.No.98(Part) and 103 (Part) of Thumakunta(V), at Growth Centre, Hindupur(M), Anantapur Dist and is bulk drugs manufacturing unit.

b) CFO order is auto renewed upto 31.05.2024 vide order dt. 04.06.2019.

c) The industry has applied Consent for Establishment of the Board for change of Product Mix on basis of no increase in pollution load and production capacity and proposed to manufacture one new product namely Leveliracetam along with the Nine existing products. The industry has proposes to manufacture the ten products in three groups such that, any one group of products will be manufactured at a given point of time with a total production capacity of the 10700 Kg/day.

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d) The industry proposed to utilize the existing facilities for proposed product mix and there is no addition of production blocks for the proposed change in product mix. During inspection it was observed that the industry is installing additional chilling plant of capacity – 30 TR in addition to the existing 02 No's of chilling plants of capacity – 20 TR and 30 TR for the proposed change of product mix.

e) The total quantity of waste water generation shall be restricted to 29 KLD as stipulated in the EC order dt. 02.09.2011.

f) As per the HWA order 29.12.2017, the industry is supposed to lift inorganic waste (inorganic solid waste, MEE salts and ETP sludge) – 228.56 Kgs/day to TSDF for secured land filling. Whereas, the industry has not lifted any hazardous waste to TSDF, Parawada till now.

g) From the above, it is evident that the industry has not lifted any hazardous inorganic waste i.e., inorganic solid waste, MEE salts and ETP sludge to TSDF Parawada for secured land filling. During inspection, it was observed that the industry is mixing the inorganic waste with organic waste and ash from the boiler and disposing to Cement industries for co-processing. The industry may be directed to send the inorganic hazardous waste to TSDF rather than mixing organic waste. This may be reviewed.

h) The pollution load comparison table shows that due to the proposed product mix the effluent quantity from process has reduced by 100 ltrs/day (an reduction of 1.07%), while effluent generated has been reduced by 0.324% and the gaseous emissions has been increased by 46.39 Kg/day (approx.72.29%). The production may be reduced to reduce the process emissions load.

i) The facility has not yet renewed the Bank Guarantee for Rs.4.0 Lakhs in favour of EE, RO, Kurnool in prescribed format valid for period of one year.

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

➢ To submit the Bank guarantee for Rs. 4.0 lakhs and ensure compliance to the directions issued by the Board.

➢ Organic and Inorganic waste are not mixed. Organic waste would be sent to Cement Industries for co-processing. Inorganic waste would be sent to TSDF for secured landfill.

➢ The total quantity of effluent generated would be restricted to 29 KLD.

➢ Gaseous emissions are passed through Sodium Hydroxide. The resultant Sodium - bisulphate and Sodium Chloride are collected and sold as by-products.

After detailed discussions, the Committee recommended to issue CFE for change of product mix after obtaining the commitment from the industry on above points.

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The Committee noted the following:

a) M/s. Rayalaseema Hi-Strength Hypo Ltd., has been operating M/s. Rayalaseema Hi-Strength Hypo Ltd. (Unit-I) with CFO validity upto 31.03.2020, M/s. Rayalaseema Hi-Strength Hypo Ltd.(unit-IV) with CFO validity upto 31.03.2023 and M/s. Rayalaseema Hi-Strength Hypo Ltd. (Power Plant Division) with CFO validity upto 31.03.2023 at Gondiparla Village & Mandal, Kurnool District.

b) M/s. Rayalaseema Hi-Strength Hypo Ltd., Gondiparla Village, Kurnool District obtained EC dt. 04.02.2019 for expansion of Synthetic Organic Chemicals and Co-generation Power Plant in the above group of industries (combining all the above industries).

c) Now, M/s. Rayalaseema Hi-Strength Hypo Ltd., applied for CFE expansion in the above industries. Hence, the CFE order for expansion has to be issued in the name of M/s. Sree Rayalaseema High-Strength Hypo Ltd., instead of three different names as mentioned in the earlier CFOs.

d) The above CFO orders were issued to all the three units, vide orders dt. 30.04.2015, 22.06.2015 and 03.09.2015. The industry had applied for EC to the MoEF&CC on 03.03.2018. The MoEF&CC, GOL, New Delhi issued EC vide order dt. 04.02.2019 without mentioning the permitted capacities mentioned in the above CFO issued by the Board. The consented capacities of the products mentioned in the EC order dt. 04.02.2019 are lesser than the production capacities mentioned in the Board’s CFO orders. The industry has to clarify.

e) There is discrepancy in the fresh water consumption and waste water generation : as mentioned at SI.No. 6 and 7 of agenda.

f) It is observed from the RO report that all the units are amalgamated in the year 2012 in the name of M/s. Rayalaseema High Strength Hypo Ltd. But, the industry had renewed the CFOs of all the three units in the year 2015 in different names. The industry has to clarify.

g) The Board vide memo dt. 21.02.2019 informed the JCEE, ZO: Kurnool that transport of lean brine sludge from Gondiparla to salt pans located near, Chinapandrika (V), Machilipatnam (M), Krishna District, by the industry is not acceptable. The industry again vide Ir. dt. 29.05.2019 requested to reconsider their same request. It is submitted that in the latest EC order dt. 04.02.2019 issued by the MoEF&CC, GOL, New Delhi permission was not granted for above disposal. It was mentioned at para no. 5 that “there would not be no discharge of treated / untreated waste water from the unit, and thus ensuring ZERO liquid discharge”. Hence, if the industry requires amendment regarding disposal point of effluent, they have to get an amendment to the EC order. It may not be possible to the Board superseding the conditions of EC order issued by the Ministry. Hence, earlier decision of the Board communicated to the JCEE, ZO: Kurnool vide memo dt. 21.02.2018 holds good.

h) The CFO order of M/s. Rayalaseem High Strength Hypo Ltd (unit – I) may be amended to restrict the production for Monochloro Acetic Acid only and other product, like Sulphuric Acid, Chloro Sulphuric Acid, HCL etc., to be deleted as these were not covered in the EC.
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i) The industry shall obtain combined CFE / CFO on par with EC, instead of three or more units in the same premises.

j) The industry shall not dispose any effluent outside this industry premises and adopt ZLD system as per EC condition.

k) The issue of CFE may be considered only for EC products. For considering other products, industry has to obtain amendment to EC.

➢ The industry vide mail dt. 10.06.2019 informed that they could not attend CFE Committee meeting on 11.06.2019 due to unavoidable circumstances and requested to allow them to present their case in the forth coming CFE meeting.

As the SLA of the CFE application is on 12.06.2019, the CFE Committee discussed the proposal and recommended to issue CFE for expansion on par with EC order dt. 04.02.2019.

ITEM NO. 17 M/s. Coromandel International Ltd., (Formerly M/s. Coromandel Fertilizers Ltd, Srikaripuram, Malkapuram (PO), Visakhapatnam - Industry’s representation for incorporation of certain changes – Amendment to CFE order - Reg.

The Committee noted the following:

- The industry obtained CFE (CPM) of the Board vide order dt. 26.04.2019 for the following, in the existing production quantities without increasing production quantity and pollution loads.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products and By-products</th>
<th>Consented capacity as per CFE order 01.04.2008, 29.06.2010, 27.05.2015, 30.10.2015, 12.09.2017 &amp; 17.07.2018</th>
<th>Proposed change of product mix</th>
<th>Total after change of product mix</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Complex Fertilizers</td>
<td>3900 TPD</td>
<td></td>
<td>4210 TPD*</td>
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<tr>
<td>2.</td>
<td>Customized Fertilizer plant</td>
<td>300 TPD</td>
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<td>3.</td>
<td>Water soluble fertilizer plant</td>
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<td></td>
<td>Water Soluble Fertilizer (or)</td>
<td>10 TPD</td>
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<td></td>
<td>Micronutrient mixtures (powder/liquid/ granular) (or)</td>
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<td></td>
<td>Chelated Micronutrients (powder/liquid/ granular) (or)</td>
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<td></td>
<td>Urea Phosphate (or)</td>
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<td></td>
<td>Micronized / Nano Sulphur</td>
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<td>4.</td>
<td>H2SO4</td>
<td>2100 TPD</td>
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<td>5.</td>
<td>Bentonite Sulfur</td>
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<td>(-10 TPD)</td>
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<td>6.</td>
<td>Phosphoric Acid</td>
<td>1400 TPD</td>
<td>(-700 TPD)</td>
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<td>7.</td>
<td>Fertilizer technology centre (pilot plant)-Complex Fertilizer</td>
<td>24.0 TPD</td>
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<table>
<thead>
<tr>
<th>Sl. No</th>
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<th>Consented capacity as per CFE order 01.04.2008, 29.06.2010, 27.05.2015, 30.10.2015, 12.09.2017 &amp; 17.07.2018</th>
<th>Proposed change of product mix</th>
<th>Total after change of product mix</th>
</tr>
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<tbody>
<tr>
<td>8.</td>
<td>By-Products:</td>
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<tr>
<td>9.</td>
<td>Fertilizer technology centre –</td>
<td>0.83 TPD</td>
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<td>0.83 TPD</td>
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<td>Phosphoric acid</td>
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<tr>
<td>10.</td>
<td>Sulpho Zinc &amp; Sulpho boron</td>
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<td>10 TPD</td>
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<tr>
<td>11.</td>
<td>Gypsum</td>
<td>7000 TPD</td>
<td>(-3773 TPD)</td>
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<td>12.</td>
<td>Hydrofluorosilicic Acid</td>
<td>35 TPD</td>
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<td>15 TPD</td>
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<td>13.</td>
<td>Bulk storage facilities at site</td>
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<tr>
<td>14.</td>
<td>Ammonia (1X5000 MT + 1x 7500 MT)</td>
<td>12500 MT</td>
<td>---</td>
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</tr>
<tr>
<td>15.</td>
<td>Sulphuric Acid (1 X 4000 MT + 3 X 2000 MT) 1 x 5000 MT</td>
<td>15000 MT</td>
<td>---</td>
<td>15000 MT</td>
</tr>
<tr>
<td>16.</td>
<td>Phosphoric acid (P2O5)</td>
<td>7 X 610 MT + 20000 MT</td>
<td>(-20000 MT)</td>
<td>7 X 610 MT</td>
</tr>
<tr>
<td>17.</td>
<td>Molten sulphur</td>
<td>2 X 5000 MT</td>
<td>---</td>
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</tr>
<tr>
<td>18.</td>
<td>LSHS</td>
<td>2 X 500 KL &amp; 3 X 160 T</td>
<td>---</td>
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</tr>
<tr>
<td>19.</td>
<td>Diesel</td>
<td>1 X 10 KL + 1 X 16 T</td>
<td>---</td>
<td>1 X 10 KL + 1 X 16 T</td>
</tr>
<tr>
<td>20.</td>
<td>Petrol</td>
<td>10 KL</td>
<td>---</td>
<td>10 KL</td>
</tr>
<tr>
<td>21.</td>
<td>Kerosene</td>
<td>1 X 50 KL</td>
<td>---</td>
<td>1 X 50 KL</td>
</tr>
<tr>
<td>22.</td>
<td>LPG</td>
<td>40 X 14.5 Kg</td>
<td>---</td>
<td>40 X 14.5 Kg</td>
</tr>
<tr>
<td></td>
<td>Fertilizer Technology Centre</td>
<td></td>
<td>1.0 TPD</td>
<td>1.0 TPD</td>
</tr>
<tr>
<td></td>
<td>(Water soluble Fertilizer pilot plant)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The industry shall produce either individual fertilizers or combination of the fertilizers at any point of time without increase in the total permitted capacity of fertilizers 4210 TPD.

The industry submitted a representation dt. 29.04.2019 informing that there is no change in the production quantities for product mentioned at SL. No. 6, 10, 11 & 15 and the quantities are requested to be mentioned as per the CFE Orders dated 12.09.2017 & 17.07.2018.

** Further, the industry requested to incorporate the name of product No.22 as Fertilizer Technology Centre (Liquid Fertilizer pilot plant) of 1.0 TPD instead of Fertilizer Technology Centre (Water soluble Fertilizer pilot plant) of 1.0 TPD.

The representatives of the project proponent attended the meeting. They have requested to issue the amendment as mentioned above.

After detailed discussions, the Committee recommended to issue amendment to the products / production capacity mentioned in the CFE order dt. 26.04.2019 as requested by the industry, as following:

**Chairman
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Products and By-products</th>
<th>Consented capacity as per CFE order 01.04.2008, 29.06.2010, 27.05.2015, 30.10.2015, 12.09.2017 &amp; 17.07.2018</th>
<th>Proposed change of product mix</th>
<th>Total after change of product mix</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Complex Fertilizers</td>
<td>3900 TPD</td>
<td></td>
<td>4210 TPD*</td>
</tr>
<tr>
<td>2.</td>
<td>Customized Fertilizer plant</td>
<td>300 TPD</td>
<td></td>
<td>4210 TPD*</td>
</tr>
<tr>
<td>3.</td>
<td>CPM in water soluble fertilizer plant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water Soluble Fertilizer (or)</td>
<td>10 TPD</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Micronutrient mixtures (powder/liquid/granular) (or)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chelated Micronutrients (powder/liquid/granular) (or)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Urea Phosphate (or)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Micronized / Nano Sulphur</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>H2SO4</td>
<td>2100 TPD</td>
<td>---</td>
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</tr>
<tr>
<td>5.</td>
<td>Bentonite Sulfur</td>
<td>90 TPD</td>
<td>---</td>
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</tr>
<tr>
<td>6.</td>
<td>Phosphoric Acid</td>
<td>1400 TPD</td>
<td>---</td>
<td>1400 TPD</td>
</tr>
<tr>
<td>7.</td>
<td>Fertilizer technology centre (pilot plant)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fertilizer technology centre – Phosphoric acid</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Sulpho Zinc &amp; Sulpho boron</td>
<td>10 TPD</td>
<td>---</td>
<td>10 TPD</td>
</tr>
<tr>
<td>9.</td>
<td>By-Products:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Gypsum</td>
<td>7000 TPD</td>
<td>---</td>
<td>7000 TPD</td>
</tr>
<tr>
<td>11.</td>
<td>Hydroflorosilic Acid</td>
<td>35 TPD</td>
<td>---</td>
<td>35 TPD</td>
</tr>
<tr>
<td>12.</td>
<td>Bulk storage facilities at site</td>
<td></td>
<td></td>
<td></td>
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CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019

ITEM NO. 18 M/s. Godavari Mega Aqua Food Park Pvt. Ltd., Narsapauram road, Tundurru (V), Bhimavaram (M), West Godavari District - Request for permission to dispose treated water to Yenamadurru drain - Amendment to CFE - Reg.

The Committee noted the following:

a) The Board issued CFE and CFO for processing of Fish / Prawn – 60 TPD and the effluent generation is 98.0 KLD.

b) The industry has to explain the reasons for increasing the effluent generation from 98 KLD to 240 KLD without increasing the processing capacity.

c) As per G.O.Ms.No. 145, dt. 30.10.2017, a pipeline of length 26.5 km from ETP of Godavari Aqua Food Park to Sea Coast at Chinagollapalem is to be laid for discharge of treated effluents into sea.

d) The RWS Department, Govt., of AP as per District Collector’s proceedings dt. 10.11.2017, has laid a pipeline from the industry to Yenamadurru drain at present and the industry proposed to discharge the treated effluents into the drain.

e) There are many complaints on Yenamadurru pollution and APPCB made a special drive for restoration of the quality of water in the drain and reviewing the industries located in the area which have potential to discharge in the drain by TF of Head Office and issuing directions from time to time. As a long term solution, a pipeline for treated effluents upto sea through a CETP is proposed but the progress is very poor. The land acquisition issue for CETP is also pending.

The representatives of the project proponent attended the meeting. They have submitted a representation dt. 11.06.2019 and requested to amend the Consent for discharge of treated waste water (240 KLD) through pipeline laid by the APPCB as all parameters for discharge are within the permissible limits.

After detailed discussions, the Committee opined as following:

- The industry can join the main pipeline after laying full length pipeline from CETP to Sea for discharging treated sewage and effluents into the Sea.

- The industry has developed green belt in an area of about 24 acres of land. The treated waste water is being used for development of green belt. But, during the rainy season it is not possible to apply the treated waste water on land to develop green belt.

- It seems the drain carries the waste water generated from the irrigation fields, surrounding villages, run off from the villages etc., Perhaps they contribute huge quantity of discharge through the drain. The quantity of effluent discharged by the industry compared to the huge discharge in the drain may be meager.

- However, in order to take a decision on discharge of treated effluent into Yenamadurru drain is concerned, the information on discharge capacity of the drain, analysis reports of the samples collected from the drain in the upstream and downstream of the confluence point of the effluents, an indicative map showing the industry, drain, alignment of pipeline, confluence point, storage capacity of treated effluent during rainy season, justification on request of the industry for increase in quantity of effluents etc., are required.

In view of the above, the Committee recommended to address a letter to the JCEE, ZO: Visakhapatnam to furnish a detailed report covering the above points to take a decision in the matter.

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019


The Committee noted the following:

a) The following points are observed from the justification submitted by the project proponent (forwarded by the EE, RO: Tirupati vide mail dt. 06.06.2019):

i. The unit operations involved in the process are more or less similar to Lead Acid Battery manufacturing unit.


ii. In the Baking process, the Anode and Cathode Electrodes are dried in a dryer. The emissions contain solvents are scrubbed with water. 95% of N-Methyl-2-Pyrrolidone (NMP) is recovered. Rest 5% will be absorbed using a zeolite wheel / scrubber and the water used in scrubber is sent to Decentralized waste water treatment plant (DEWAT).

iii. In the cleaning process, the cell is cleaned by sprinkling DI water and brushing it. The waste water is sent to decentralized waste water treatment (DEWAT). Thus, the industry installs effluent treatment plant.

iv. The quantity of the effluent generated from different sections, characteristics of effluents, components of waste water treatment, mode of final disposal of treated effluents are to be furnished by the project proponent.

v. N-Methyl-2-Pyrrolidone (NMP), considered as hazardous material (toxic) is stored in the separate warehouse. Flammable materials such as carbon black are stored in insulated room. The room will be equipped with fire suppression accessories.

vi. The waste oil / used oil generated from the industry are classified as Hazardous waste.

vii. Storage of Carbon black, used as an additive in cathode and anode is classified as Red category due to its high calorific value.

In view of the above, the proposed Lithium Ion Battery is to be classified as "Red category". The proponent has to pay balance CFE fee of Rs. 2,25,000/- under Red Hazardous category.

The representatives of the project proponent attended the meeting. They have submitted reply on the points raised in the agenda and requested to consider under Green category.

After detailed discussions, the Committee advised the project proponent to submit whether similar type of industry is available anywhere in India and how the concerned State PCB classified the industry i.e., whether Red or Orange or Green. Further, the EE, RO: Tirupati has to furnish additional data substantiating that the industry falls under Red category to take a decision in the matter.

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019


The Committee noted the following:

a) The Board issued CFE to M/s Ramky Pharma City(India) Ltd., Visakhapatnam District to setup a Pharma park involving common infrastructure facilities. CETP of 50 MLD capacity was permitted as one of the Common infrastructure facilities vide order dt. 22.09.2004.

b) The MoE&F, GoI, accorded permission for operation of treated effluents collection and disposal through marine out fall on 26.06.2006.

c) The Board vide order dt.14.10.2006 issued Amendment to CFE duly approving the design details of conveyance system, CETP and marine outfall. In the agenda placed before the Technical Committee meeting held on 21.09.2008, it was mentioned that 2 no. of pipe lines each to cater 8 MLD flow will be laid for marine outfall.

d) The CETP laid 2 no. of marine pipelines to discharge the treated wastewater into the Sea. Regional Officer reported that after inspection of CETP by Hon'ble MLA on 06.01.2015, as per the Regional Office instructions, the CETP has closed one marine pipeline which was not being used and, Lock and key system was in broken condition.

e) Now, M/s Ramky Pharmacity(India) Ltd., vide lr.dt.16.02.2019 requested the Board to permit them to operate the 2nd marine outfall pipeline.

The representatives of the project proponent attended the meeting. They have requested to permit them to operate the 2nd marine outfall pipeline for the existing permitted quantity only.

After detailed discussions, the Committee recommended to accord permission to operate the 2nd marine outfall pipeline to discharge the permitted quantity of treated effluents into Bay of Bengal after meeting the standards.


The Committee noted the following:

a) M/s. Pushpit Steels Private Limited is an existing unit located at Sy.No.303 A/B, Industrial Estate (Expansion), Merlapaka (V), Yerpedu (M), Chittoor Dt with valid CFO upto 31.03.2021.

b) The Board issued CFE expansion vide order dt. 30.05.2018 to the unit for enhancement of Electricity generation from 15 MW to 30 MW and production of Sponge Iron from 400 TPD to 750 TPD.

c) Now, the industry again applied for CFE expansion to increase the production capacity of MS Ingots from 380 TPD to 776 TPD and Rolled products from 500 TPD to 1000 TPD.

d) The industry yet to comply with certain directions issued by the Task Force Committee dt. 22.04.2015 and some of the conditions stipulated by the Board vide CFO & HWA order dt. 10.02.2016.
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019

e) The Board while issuing CFE order dt. 30.05.2018, stipulated a condition that the industry shall clear the entire accumulated ESP dust stored in the premises within 6 months as committed vide letter dt. 09.05.2018. But, as per the latest report dt. 07.06.2019 submitted by the Regional Officer, there is lot of coal, dolomite, fly ash dust and slag, iron ore pellets, dolochar were stored openly in the premises and the industry also stored about 200 tons of Dolochar and 4,500 tons of ESP dust in the industry premises.

f) The industry shall submit technical details of rolling mill such as fuel for reheating furnace, control equipment etc.

g) The industry shall explore possibility of using hot metal for rerolling directly without providing reheating furnace.

h) The proposed expansion is within the EC quantities.

The representatives of the project proponent attended the meeting. They have informed vide Ir. dt. 11.06.2019 as follows:

- Entire ESP dust of 4500 Tonnes will be lifted completely within 4 months time. Now, the expansion work of Naladupet – Chittor highway will commence within a month and the entire ESP dust will be given to the contractors for complete utilization of dust in the road laying. Hence, the entire dust will be cleared from the plant within 4 months.

- The capacity of the re-heating furnace is 50 TPH. Fuel is Furnace oil. Stack height is 45 m.

- The industry will operate 90% hot charging of billets to the Re-Rolling Mill directly. This reduces the emissions and heat loss significantly. The proposed Re-heating furnace is kept as standby to use in emergency situation.

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

ITEM NO. 22 M/s. Rain CII Carbon (Vizag) Ltd., Scindia Road, Naval Base Post, Sy.No. 67 (Part), Visakhapatnam District - Request for Amendment to CFE - Reg.

The Committee noted the following:

a) M/s. Rain CII Carbon (Vizag) Limited, (Formerly M/s. Rain CII Carbon (India) Limited), is operating a Calcined Petroleum Coke manufacturing industry at Scindia Road, Naval Base Post, Sy. No. 67 (Part), Visakhapatnam with valid CFO & HWA order upto 31.12.2022.

b) The RO: Visakhapatnam reported that the unit comes under "Cokeovens" under the provisions of EIA notification, 2006 and its amendments there of.

c) The unit was established in the year 1998 and expanded in the year 2005. Hence, EC was not obtained so far.

d) The industry vide order dt. 10.06.2016 obtained CFE expansion for blending of existing Calcined Petroleum Coke with imported Calcined Petroleum Coke. As there is no change in the manufacturing process and blending is involved, EC was not insisted.

[Signature]
CHAIRMAN
e) Now, the industry proposed to use Anhydrous Carbon Pellets (ACP) as an alternate to Green Petroleum Coke (GPC) as raw material without change in process technology, production capacity, water consumption, waste water generation, solid waste generation but marginal decrease in emission load.

f) The MoEF, GoI, New Delhi vide OM dt.25.02.2013 clarified that Calcined Petroleum Coke unit shall be considered under “Coke oven Plant”. Now, the unit has proposed to change the raw material. However, there is no increase in production capacity. Hence, a condition may be put in the amendment order to inform MoEF&CC, GoI, New Delhi regarding change of raw material.

The representatives of the project proponent attended the meeting. They have informed the following w.r.t. the proposed amendment:

- The production capacity does not change.
- Requested to issue the amendment to the CFE order.

After detailed discussions, the Committee recommended to issue amendment to CFE order with a condition that the industry shall inform MoEF&CC, GoI, New Delhi regarding the amendment.


The Committee noted the following:

1. M/s. Saptagiri Camphor Limited, obtained EC vide order dt. 30.07.2011 from MoEF, GoI, New Delhi for expansion to produce Camphor – 12.6 TPD, Isoborneol - 2.4 TPD, Camphene – 14.5 TPD, Isoborneol Acetate - 21.0 TPD.

2. The industry is operating at Sy.No.180/1,2, 181/2-3, 182/2-3, 189/4, Lolur village, Singanamala (M), Anantapur District with valid CFO & HWA order upto 30.09.2021.

3. The Board issued CFE vide order dt.23.05.2018 for installation of additional thermic fluid heater of capacity 60 Lakh K.Cal/hr.

4. Now, the industry applied for CFE for Change of Product Mix without increase in production capacity and pollution load when compared to existing CFE & CFO. But, the proposed quantity of by-products is very much higher than the permitted quantity in the earlier EC order.

5. It is reported that the industry has not furnished the TDS and COD loads for the existing and proposed products. The industry has to furnish the same.

The representatives of the project proponent attended the meeting. They have agreed to furnish revised proposal complying with the quantity of products and by-products mentioned in the earlier EC order.

After detailed discussions, the Committee recommended to issue CFE for Change of Product Mix after receipt of revised proposal complying with the quantity of products and by-products mentioned in the earlier EC order; along with TDS and COD loads for the existing and proposed production.

[Signature]

CHAIRMAN
MINUTES OF THE CFE COMMITTEE MEETING HELD ON 11.06.2019


The Committee noted the following:

a) M/s. Godaavari Labs Pvt Ltd applied for CFE of the Board for establishment of Bulk drug & Drug Intermediates manufacturing unit at Plot No.22, APSEZ, De-Notified Area, Lalamkoduru (V), Rambil (M), Vishakhapatnam District.

b) The industry has proposed to manufacture total 25 no of products including R&D products with the total capacity of 6000 Kg/day.

c) The industry proposed to send the pre-treated effluents to CETP of M/s. AETL for further treatment and disposal. But, the CETP of M/s. AETL is not yet commissioned.

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

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

/\CHAIRMAN\/

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