MINUTES OF THE CFE COMMITTEE MEETING HELD ON 18.12.2017
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAPET, 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>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>
<tr>
<td>4</td>
<td>Dr. A. Gangagni Rao, Senior Principal Scientist, IICT, Hyderabad</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.

In order to comply with the time limits stipulated by the Government, the Board issued CFE order dt. 12.12.2017 to the industry. After detailed discussions the Committee ratified the CFE order issued.


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The Committee noted the following:

a) M/s. Ramky Pharmacity has obtained Consent for Establishment of the Board vide order dated 23.12.2010 to establish R & D facilities for Active Pharma Ingredients – 10 Labs, and the production quantity from each lab shall not exceed 10 Kg/month i.e., 100 kg/m from 10 labs.

b) Presently, the following R & D Labs have obtained CFE & CFO of the Board.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Laboratory</th>
<th>No of Labs</th>
<th>CFE/CFO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>M/s. Natsoil Laboratories Pvt. Ltd.</td>
<td>2 Labs</td>
<td>CFO</td>
</tr>
<tr>
<td>2.</td>
<td>M/s. Biophore India Pharmaceuticals Pvt. Ltd.</td>
<td>1 Labs</td>
<td>CFO</td>
</tr>
<tr>
<td>3.</td>
<td>M/s. Quagen Pharma India Pvt. Ltd.</td>
<td>2 Labs</td>
<td>CFO</td>
</tr>
<tr>
<td>4.</td>
<td>M/s. Clavita Pharma Pvt. Ltd., Lab</td>
<td>1 Labs</td>
<td>CFE</td>
</tr>
<tr>
<td>5.</td>
<td>M/s. Vasudha Pharma Chem Limited.</td>
<td>3 Labs</td>
<td>CFO</td>
</tr>
</tbody>
</table>

c) Out of the above, 5 no. of laboratories, M/s. Quagen Pharma India Pvt. Ltd., closed the operations. Now, M/s. Chem Genix Laboratories Pvt Ltd., has taken the premises of M/s. Quagen Pharma India Pvt. Ltd., on lease from Ramky pharmacity for a period of 5 years (from 31.10.2017 to 30.10.2022) and applied for CFE.

d) The proponent vide mail dt. 14.12.2017 has informed that they never proposed to use any compounds that contains Mercaptans and their production process does not release any Mercaptans gases.

The representatives of the project proponent attended the meeting. They have informed that the production capacity would not exceed 10kg/month. The effluent and solid waste generated would be sent to TSDF and CETP of JNPC.

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

- The proponent shall not use or generate odour causing substances or Mercaptans and cause odour nuisance in the surroundings as committed vide mail dt. 14.12.2017.
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The Committee noted the following:

a) The industry proposed to send the effluents after neutralization, to the CETP which is being developed by M/s. Atchutapuram Effluent Treatment Ltd., (AETL), for further treatment and disposal.

b) It is noted from the RO report that the proponent has not proposed solvent recovery system. The proponent has to explain how the spent solvents would be recovered?

The representatives of the project proponent attended the meeting. They have informed vide Ir.dt. 18.12.2017 that they would comply with the recommendations of the RO: Visakhapatnam and install Solvent recovery unit in the premises. The details of the Solvent Recovery unit are submitted.

After detailed discussions, the Committee recommended to issue CFE.

ITEM NO. 5  M/s. Visakhapatnam Port Trust, Visakhapatnam - Applied for expansion of CFE for Handling of additional cargo of 6.05 MMTPA by Developing West Quay North (WQ – 7 & WQ – 8) berth with mechanized handling facilities for handling bulk cargoes on DBFOT basis at Visakhapatnam Port – Reg.

The Committee noted the following:

a) This is related to expansion of Visakhapatnam Port Trust. The facility has obtained Environmental & CRZ Clearance No. F.No.11-93/2012-IA-III, dated 25.05.2016 for modernization of existing facility and addition of new facilities entailing capacity at Visakhapatnam Port and the particulars of the project are as following:

i. The total capacity of existing port is 88.10 MMTPA and proposed additional capacity will be 37.49 MMTPA. The total port capacity will be 125.59 MMTPA after expansion.

ii. Up-gradation of existing facility and creation of new facility at VPT for iron ore handling on DBFOT basis (OHC & WQ-1) by providing closed conveyor with built up dust suppression system and to replace the ship loader so as to improve the handling efficiency resulting in modernized equipment for dust control at all transfer points.

iii. Development of West Quay North (WQ-7 & WQ – 8) berth with mechanized handling facility for handling bulk cargoes on DBFOT basis. Presently, the cargo such as blast furnace slag, gypsum and ores other than iron ore proposed under this project (WQ – 7 & WQ – 8) which are already being handled in the semi mechanized method elsewhere in port and now proposed to be changed to fully mechanized handling system.

iv. Extension of existing Container Terminal in the Outer Harbour of Visakhapatnam Port on DBFOT basis.

[Signature]

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b) Out of the above, Visakhapatnam Port Trust has applied for Consent for Establishment of the Board for handling cargo of additional cargo of 6.05 MMTPA by Developing West Quay North (WQ – 7 & WQ – 8) berth with mechanized handling facilities for handling bulk cargoes on DBFOT basis such as Gypsum, Bauxite, other dry bulk (excluding all types of coal, coke and finished fertilizers), ores (other than iron ore), etc,

c) The facility has started construction without obtaining CFE of the Board.

d) The EE, RO, Visakhapatnam vide mail dt.12.12.2017 submitted that M/s. Visakhapatnam Port Trust (VPT) has paid the balance CFE fee of Rs.1.50 Lakhs through DD. No.299123, dt.06.12.2017.

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

➢ WQ-7 is existing and WQ-8 is new one.

➢ Presently, the cargo such as blast furnace slag, gypsum and ores other than iron ore proposed under this project (WQ – 7 & WQ – 8) which are already being handled in the semi mechanized method elsewhere in port and now proposed to be changed to fully mechanized handling system.

After detailed discussions, the Committee recommended to issue CFE.


The Committee noted the following:

a) The industry has obtained CFE (Expansion) of the Board vide order dated 12.04.2016 for 53 no. of products (not more than 7 products at a time) with maximum production of 12,450 Kg/day.

b) The industry has obtained CFO & HWA of the Board vide order dated 03.06.2016 for 53 no. of products (not more than 7 products at a time) with maximum production of 12,450 Kg/day and the CFO was valid up to 31.01.2017. The validity of the CFO was extended for 5 years i.e., up to 31.01.2022 through Auto Renewal system.

c) Now, the industry proposed for expansion for 63 No. of products without increasing the permitted production quantity of 12450 Kg/day and proposed to produce any 7 products on campaign basis. However, water consumption, wastewater generation and Hazardous waste generation will be increased in the proposed expansion.

d) As per the total site area of the project (6 acres), the permitted effluent generation is 120.00 KLD i.e., HTDS 30.00 KLD & LTDS 90.00 KLD.

e) After expansion, the proposed quantity of effluent generation is 102.75 KLD i.e., HTDS @ 29.85 KLD & LTDS @ 72.80 KLD which are within the permitted quantity of Ramky Pharma city.

f) The proposal may be considered as change of product mix with increase in pollution load.

The representatives of the project proponent attended the meeting. They have informed that there is no additional investment, the proposal is related to change of product mix and the industry has complied with most of the conditions. The validity of the CFO was extended for 5 years i.e., upto 31.01.2022 through Auto Renewal system. It was requested vide Ir.dt. 18.12.2017 to issue CFE and CFO.

After detailed discussions, the Committee recommended to issue CFE & CFO for change of product mix.
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The Committee noted the following:

a) The proponent has obtained CFE vide order dt. 12.07.2017 to establish bulk drug unit at Pharmacy. The industry is under construction stage.

b) The present proposal is for expansion of production capacity of bulk drugs from 450.0 kg/day to 726.67 kg/day.

c) The waste water generation after expansion will be increased from 39.02 KLD (HTDS – 10.24 KLD, LTDS – 28.78 KLD) to 42.10 KLD (HTDS – 10.45 KLD, LTDS – 31.65 KLD).

d) As per acreage, the permitted load is 42.20 KLD. Hence, the effluent generation after expansion within the permitted load.

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

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


The Committee noted the following:


Subsequently, the Board has issued In-Principle permission to the construction unit directing to obtain amendments to EC and CFE Orders vide Ir.dt:16.03.2017.

As per the directions of the Board, M/s. K.S.R Developers Private Limited has obtained amendment in EC from SEIIA vide Order No. SEIIA/AP/VSP/CON/03/2017/305, dated 15.07.2017 and applied for the following amendments to CFE order dated 25.07.2012:

- Change in the configuration of the Residential Flats, Commercial complex, Hotel and built up area, Parking area of the project.

- Change in the quantities of water consumption and waste water generation.

- The construction project provided 120 KLD STP for treatment of wastewater generated from Commercial complex including Hotel. But not provided STP for treatment of domestic effluents from Residential project and letting out into Municipal sewer of GVMC.

[Signature]

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The representatives of the project proponent attended the meeting. It was committed vide Ir. dt. 18.12.2017 as following:

- The domestic effluents from Block A & B (Residential buildings) along with the effluents generated from Block C (Commercial complex including Hotel) would be diverted to the existing STP of capacity 120 KLD in commercial complex in Block C for treatment.

- Untreated effluents are not discharged into GVMC sewer lines under any circumstances.

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

ITEM NO. 9 M/s. West Quay Multiport Private Limited, for development of WQ-6 berth in the inner harbor of M/s. Visakhapatnam Port Trust – Request for Amendment in CFE order to handle additional dry bulk cargo – Reg.

The Committee noted the following:

- M/s. Visakhapatnam Port Trust has obtained Environmental & CRZ Clearance for construction of 3 berths i.e., WQ -6, WQ – 8 and EQ – 10 in the Northern Arm of Inner Harbour of Visakhapatnam Port Trust vide order No.11-7/2009-IA-III, dated 31.08.2009. As per EC, WQ -6 and WQ – 8 will be used as multipurpose cargo berths.

- M/s. VPT has entered into a concession agreement with M/s. West Quay Multiport Private Limited, for 30 years concession period for development of the WQ-6 Berth.

- M/s. West Quay Multiport Private Limited has obtained Consent for Establishment of the Board vide order dated 30.03.2011 and 20.07.2011 for handling of multipurpose cargo at WQ-6 berth in the inner harbour of Visakhapatnam Port Trust for the following:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Commodity</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>C.P. Coke</td>
<td>6 MMTPA</td>
</tr>
<tr>
<td>2.</td>
<td>Lam Coke</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Granite Blocks</td>
<td></td>
</tr>
</tbody>
</table>

- Further, certain conditions stipulated in the CFE order dated 30.03.2011 were amended vide CFE (Amendment) Order dated 20.07.2011 & re-amended vide CFE (Amendment) Order dated 26.08.2011 and 11.08.2016 for handling additional cargo without enhancing the total consented quantity of 6.0 MMTPA as following:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Commodity</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>C.P. Coke</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>LAM Coke</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Granite Blocks</td>
<td>6 Million MTPA</td>
</tr>
<tr>
<td>5.</td>
<td>Pet Coke</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Granulated Blas Furnace slag</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Bagged Fly Ash</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Aggregates in Bulk</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Boulders</td>
<td></td>
</tr>
</tbody>
</table>

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➢ The facility has obtained CFO of the Board Vide order dated 07.03.2017 for handling the above cargo at WQ-6 Berth, which is valid up to 31st January 2018.

➢ Now, the facility requested to permit the following cargo in addition to above cargo without changing in existing total permitted Cargo handling capacity and without change in investment at Visakhapatnam Port:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Additional Cargo (Proposed)</th>
<th>Cargo handling capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Gypsum</td>
<td>6 Million MTPA</td>
</tr>
<tr>
<td>2.</td>
<td>Lime stone</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Bauxite</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Manganese Ore</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Fertilizers</td>
<td></td>
</tr>
</tbody>
</table>

➢ The EE, RO: Visakhapatnam has not recommended proposed activity of handling additional dusty cargo keeping in view that the parameters in the ambient air are in excess of the standards notified by the MoEF&CC, GoI, New Delhi, complaints received from the public representatives and Court cases.

➢ The Board issued directions vide order dt. 06.06.2017. Even after laps of 6 months period, the proponent has not taken action to comply with directions issued by the Board. As the proposed additional cargo is mainly dusty cargo, M/s. West Quay Multiport Private Limited may be directed to comply with the task force directions and approach the Board for CFE amendment to handle additional dry bulk cargo.

The representatives of the project proponent attended the meeting. They have informed vide lr. dt. 18.12.2017 as following:

- They have agreed to comply with the directions issued by the Board and submitted condition-wise compliance report.
- A copy of the order to purchase sweeping machine is submitted. The sweeping machine would be purchased within 7 weeks.
- Submitted photo of the energy meter with totalizer to record power consumed for operation of Mechanical Dust Suppression System (MDSS).
- Submitted that the facility is operating at very low capacity.
- Necessary mitigative measures are in placed to control dust generated i.e., Sprinkling water periodically using water tanker, development of green belt along the boundary.

After detailed discussions, the Committee recommended to issue amendment to CFE to handle additional cargo without increasing total permitted handling capacity of 6 Million MTPA duly operating the mitigative measures for dust suppression.

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The Committee noted the following:

➢ M/s. Innovare Labs Pvt. Ltd., had obtained CFE order dt. 26.02.2015 for bulk drug manufacturing facility with a production capacity of 894 kg/day, in an extent of 9.88 Acres. The Board stipulated the effluent Treatment & disposal facilities under condition no. 2 of the CFE order to install Stripper, MEE & ATFD to treat the HTDS effluents, Biological treatment (ETP-80 KLD) followed by PSF, ACF and RO (60.0 KLD) to treat LTDS effluents, Septic tank to dispose the domestic effluents and to allow the overflow from the Septic tank to the ETP along with LTDS effluents.

➢ Now, the industry requested an amendment w.r.t. the treatment and disposal facilities, as they are intending to dispose the effluent to the CETP as following:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Effluent Source</th>
<th>Treatment facilities</th>
<th>Mode of final Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>HTDS &amp; HCOD effluent – Process, Washings and Scrubber (50.17 KLD)</td>
<td>Equalization &amp; neutralization tank, settling tanks</td>
<td>• to the CETP, Atchutapuram.</td>
</tr>
<tr>
<td>2.</td>
<td>LTDS effluents – Floor washings &amp; cooling tower blow down, DM plant rejects MEE &amp; ATFD condensate (17.83 KLD)</td>
<td>Equalization &amp; neutralization tank, settling tanks</td>
<td>• to the CETP, Atchutapuram.</td>
</tr>
<tr>
<td>3.</td>
<td>Domestic effluents (4.0 KLD)</td>
<td>Septic tank</td>
<td>The overflow from the Septic tank is proposed to dispose to the CETP, Atchutapuram.</td>
</tr>
</tbody>
</table>

➢ As per condition no. 10 of the CFE order, the industry has obtained CFE for installation of 1 X 6.0 TPH boiler and 1 X 1000 KVA DG set. But, the industry has installed the 4.5 TPH FO fired boiler and requested for the amendment of the CFE for the inclusion of 1 X 4.5 TPH Furnace Oil fired Boiler in place of 1 X 6.0 TPH Coal fired Boiler permitted. The industry has also submitted that there is no additional increase in investment.

➢ As per condition no. 22 of the CFE order, the industry has obtained CFE for generation and disposal of hazardous waste. Now, the industry proposed amendment to the CFE w.r.t. generation and disposal of hazardous waste as following:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the waste</th>
<th>Quantity</th>
<th>Disposal Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Used Oil / Waste Lubrication Oil</td>
<td>500 L/Annum</td>
<td>To authorized Re-processors / Recyclers / to the Cement industries to use as alternate fuel in the kiln</td>
</tr>
<tr>
<td>b.</td>
<td>Detoxified Containers &amp; Container Liners</td>
<td>350 No’s/Month</td>
<td>To authorized agencies, after complete detoxification for re-use/ recycle.</td>
</tr>
<tr>
<td>c.</td>
<td>Glass Bottles / Scrap</td>
<td>50 kg/month</td>
<td>Disposed to vendors.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>d.</th>
<th>HDPE Bags and Polythene Bags</th>
<th>500 nos/month</th>
<th>TSDF / Authorized recyclers</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.</td>
<td>Boiler Ash</td>
<td>Nil</td>
<td>As the boiler is oil fired.</td>
</tr>
<tr>
<td>f.</td>
<td>Used Lead Acid Batteries</td>
<td>4 No's/Annum</td>
<td>To dealers on buy back system</td>
</tr>
<tr>
<td>g.</td>
<td>Spent Solvents</td>
<td>180.0 TPD</td>
<td>Recovery within the premises / to authorised agency for recovery.</td>
</tr>
<tr>
<td>h.</td>
<td>Mixed Spent Solvents</td>
<td>10 TPD</td>
<td>To authorized recovery units / Authorized cement plant for co-processing.</td>
</tr>
<tr>
<td>i.</td>
<td>Insulation Waste</td>
<td>50kg/Anum</td>
<td>Sent to authorized agencies (or) TSDF, Parawada / Cement Industries</td>
</tr>
<tr>
<td>j.</td>
<td>Process Organic Residues and Distillation Bottom Residue</td>
<td>1509 Kg/day</td>
<td>To the authorized Cement industries for being used as alternate fuel in the kiln (or) TSDF, Parawada for incineration</td>
</tr>
<tr>
<td>k.</td>
<td>Spent Carbon</td>
<td>103.0 Kg/day</td>
<td>To the authorized Cement industries for being used as alternate fuel in the kiln (or) TSDF, Parawada for incineration</td>
</tr>
<tr>
<td>l.</td>
<td>Inorganic Residue</td>
<td>140.0 Kg/day</td>
<td>To TSDF, Parawada for land filling.</td>
</tr>
<tr>
<td>m.</td>
<td>ETP Sludge</td>
<td>100 kg/day</td>
<td>To cement plant for co-processing / TSDF for landfill.</td>
</tr>
<tr>
<td>n.</td>
<td>PPFRP Waste</td>
<td>20 kg/Anum</td>
<td>TSDF / Authorized recyclers</td>
</tr>
</tbody>
</table>

The representatives of the project proponent attended the meeting and requested for above amendments.

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

**ITEM NO. 11**

M/s. Sruthi Chemicals – Unit – I, (Solvent Recovery Unit), Plot No. 27C 1 (Part), APSEZ, De-notified Area, Atchuthapuram, Rambilli, Visakhapatnam – Request for Amendment in CFE order to change of disposal option – Reg.

The Committee noted the following:

- M/s. Sruthi Chemicals – Unit – I (Solvent Recovery Unit) had obtained CFE vide order dt. 19.04.2015 for setting up the solvent recovery unit of capacity 30.0 KLD. As per the CFE order the industry was permitted water consumption is 34.5 KLD and waste water generation is 8.0 KLD. Another condition was stipulated to treat the waste water generated from Process, Washings & Utilities in FE reactor with condenser. The domestic waste water is to be routed through septic tank followed by soak pit.

- Subsequently, the industry had obtained CFE amendment vide order dt. 27.02.2016 for the installation of 6.0 TPH boiler in place of the 5.0 TPH boiler.

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➢ The industry vide order dt. 19.04.2015 obtained CFO for the recovery of spent solvent of capacity 30.0 KLD valid upto 31.12.2021. The industry proposed to force evaporate waste water and the FE salts are proposed to dispose to TSDF, Parawada.

➢ Now, the industry vide letter dated 18.11.2017 requested to permit them to dispose the trade effluents to the CETP, JNPC, Parawada, Visakhapatnam until the CETP, Atchuthapuram commences the operations.

The representatives of the project proponent attended the meeting and requested to issue amendment to the CFE order.

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

ITEM NO. 12 M/s Dalmia Cement (Bharath) Ltd., Cement division, Chinna Komerla of Mylavaram (M), Kadapa District - Applied for combination of fuels proposed to be used in the Kiln – Reg.

The Committee noted the following:

i. The item was placed before the CFE Committee in its meeting held on 25.09.2017. After detailed discussions, the Committee recommended to issue CFE to use pet coke as alternative fuel after receipt of GO issued by the Government. The industry shall submit details that usage of Pet coke would not increase the emission levels.

ii. The above decision was communicated to the industry vide Ir.dt. 05.10.2017.

iii. The EFS & T Department, Govt. of Andhra Pradesh vide G.O. Ms.No: 71, dt. 01.11.2017 declaring the Pet Coke as approved fuel.

iv. In response to the minutes of the CFE committee meeting, the industry vide Ir.dt. 01.12.2017 submitted that the emission levels would not increase due to usage of pet coke as alternative fuel. On the other hand it would conserve the natural fossil fuel and Gypsum.

After detailed discussions, the Committee recommended to issue the amendments to CFE order for the following:

➢ The industry is permitted to use combination of the following materials/ fuels in the Cement Kiln:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Raw materials and chemicals</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Paint Sludge</td>
<td>200 Tons/Month</td>
</tr>
<tr>
<td>2</td>
<td>Spent carbon</td>
<td>100 Tons / Month</td>
</tr>
<tr>
<td>3</td>
<td>Plastic waste</td>
<td>200 Tons/Month</td>
</tr>
<tr>
<td>4</td>
<td>Carbon Black</td>
<td>6000 Tons/Month</td>
</tr>
<tr>
<td>5</td>
<td>GCB Dust</td>
<td>1000 MTA</td>
</tr>
<tr>
<td>6</td>
<td>Waste Tyre chips</td>
<td>100000 MTA</td>
</tr>
<tr>
<td>7</td>
<td>Agro waste</td>
<td>1000 Tons / month</td>
</tr>
<tr>
<td>8</td>
<td>Pet coke</td>
<td>260000 MTPA</td>
</tr>
<tr>
<td>9</td>
<td>Coal</td>
<td>200 Tons / Month</td>
</tr>
</tbody>
</table>

➢ To utilize Pet coke as alternative fuel in cement kiln only. This is subject to the orders of any Court of law.

[Signature]
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ITEM NO. 13 M/s. The Ramco Cements Limits, Sy.No.235, 236, 238, 240, etc. Kumarasamy Raja Nagar, Jaggalapet (M), Krishna District - Applied for CFE of change of fuel and to manufacture composite cement without increase in production capacity – Reg.

The Committee noted the following:

a) The item was placed before the CFE Committee meeting held on 27.07.2017. After detailed discussions, the Committee noted that the APPCB addressed a letter to the Government to declare Pet coke as permitted fuel as per the directions of NGT. The orders are awaited. Hence, the Committee recommended that permission to the industry to use Pet coke as fuel shall be issued after receipt of Government orders declaring Pet coke as permitted fuel.

b) The above decision was communicated to the industry vide Ir.dt. 07.08.2017.

c) The EFS & T Department, Govt. of Andhra Pradesh vide G.O. Ms.No: 71, dt. 01.11.2017 declaring the Pet Coke as approved fuel.

d) As far as, the request for use of petcoke in the Captive Power Plant is concerned, it is submitted that the MoEF & CC, Gol, New Delhi has clarified vide Ir.dt. 20.07.2017 addressed to M/s. Bharathi Cement Corporation Pvt., Ltd., Kadapa District that the matter was under examination in the ministry. Hence, the request of the industry to use Pet coke as fuel in the thermal power plant may not be considered.

After detailed discussions, the Committee recommended to issue amendments to CFE order for the following:

- To manufacture composite cement in addition to OPC, PPC & PSC without increase in the cement manufacturing capacity of 3.85 million TPA.
- To utilize Pet coke as alternative fuel in cement kiln only. This is subject to the orders any Court of law.
- The industry shall obtain necessary amendment for the EC order for utilization of Pet coke in the power plant.

ITEM NO. 14 M/s. Srikalahasthi Pipes Limited (formerly M/s. Lanco Industries Limited), Rachagunneri (V), Srikalahasthi (M), Chittoor District - Extension of validity period of CFE order – Reg.

The Committee noted the following:

- The Board issued CFE order dt. 01.07.2008 to M/s. Lanco Industries Limited, Rachagunneri (V), Srikalahasthi (M), Chittoor District for expansion with a project cost of Rs. 580 Crores. The validity period of CFE order is 5 years i.e., upto 30.06.2013. But, as per the circular dt. 03.06.2016 issued by the Board, the validity period of CFE order is deemed to be extended for two more years i.e., upto 30.06.2015.

- Subsequently, the name of the industry had been changed as M/s. Srikalahasthi Pipes Limited. The industry obtained CFO order dt. 17.11.2017 with a validity period upto 31.01.2023.

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➢ The industry vide lr. dt. 30.11.2017 had requested to extend the validity period of CFE order for another 7 years i.e., upto 30.06.2022 as full expansion of the products are not completed due to lack of market for their products & Global recession in metal industry coupled with financial issues.

After detailed discussions, the Committee recommended to extend validity period of CFE order upto the validity period of EC order i.e., upto 24.07.2018.


The Committee noted the following:

1. M/s. MYZ-UNO, (The Brew Pub) had applied for CFE to establish a Brew Pub i.e; Micro Brewery at Sripuram, Visakhapatnam.

2. The issue was placed in the CFE Committee meeting at ZO, Visakhapatnam on 27.11.2017 and the Committee recommended to reject CFE for the following reasons:

a) It is the 1st kind of unit in Andhra Pradesh to produce craft beer – 300 Lts/day which is a micro brewery and as per the CPCB guidelines, the line of activity (manufacturing process involves malt milling, mashing & fermentation to produce beer) falls under orange category industry.

b) The project cost of the proposed facility is Rs.2.972 crores and the project proposed in commercial complex at 4th floor which is existing in the midst of the city and residential areas.

c) The beer prepared at source itself for supply to the consumers with the process consisting of malt milling, mashing & lauterung, boiling of wort with hops, wort cooling, fermentation and laagering and balancing of beer, which is an industrial activity and as per CPCB categorization it is an orange category industry.

d) The estimated quantity of water required in the proposed activity for process is 1 KLD and the process wastewater generation is around 0.3 KLD, which seems to be very less quantity as brewing process is a water-intensive process and large amounts of water are consumed in the production of beer and as per the technical EIA guidance manual for distilleries, MoEF, Gol, water requirement in a brewery is 6.50 litre per one litre beer. Therefore the wastewater generation from the proposed activity is around 1,950 litres/day instead of 300 litres/day.

e) The proponent has not proposed any treatment system to treat the wastewater generated from the activity and has proposed to discharge process washings and domestic effluents into UGD of GVMC without any treatment.

f) There is a possibility of odour nuisance problems to the surrounding environment due to the proposed activity.

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g) The Board vide Lr.dt.03.01.2007 addressed to the Commissioner of Industries, issued a guidelines not to issue acknowledgement to establish small scale sector industries in residential area and also to locate at least 500 m away from human habitation. The G.O.Ms.No.63 of Industries & Commerce Dept., dt.02.05.1995 also restricted on establishment of industrial activities in residential areas.

3. Accordingly, JCEE, ZO, Visakhapatnam vide order dt.29.11.2017 rejected CFE.

4. The proponent vide Lr.dt.06.12.2017 requested the Board to reconsider the CFE application stating that in the whole world, microbreweries are part of the urbanization and they are established in the most happening commercial places of the cities.

5. Further, the proponent vide Lr.dt.07.12.2017 submitted a commitment that they would not cause any disturbance to the neighbors and residents adjacent to MYZ-UNO and they will take necessary actions and make sure normalcy is regained with minimal interruption.

6. The Government of A.P vide G.O. Ms.No.40 issued amendments to The Andhra Pradesh Brewery Rules, 2016, wherein it is mentioned that "The installed capacity of Micro Brewery shall not exceed 1000 BLs per day and shall be permitted in the municipal corporations only.

7. It is also noted that Karnataka State PCB has issued CFE to a Brew Pub and Restaurant with micro brewery of capacity 9000 Ltr / month at Kasavanahalli, Bangalore in non Industrial area duly stipulating conditions for treatment of domestic and trade effluent in STP and ETP respectively.

8. It is also noted from the CFE order issued by the Karnataka state PCB that the water consumption and waste water generations are about three times higher when compared to the quantities submitted by the M/s MYZ-UNO for the same production quantity i.e., 9 KL/ Month. Hence, the proponent may be directed to review the quantities of water consumption and waste water generation and to submit the ETP and STP details if CFE is considered.

9. As per the provisions laid under the G.O.Ms.No.63 of Industries & Commerce Dept., dt. 02.05.1995, the Industrial units should not violate the Zonal regulations in Municipal areas.

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

➢ The Government of A.P vide G.O. Ms.No.40 issued amendments to The Andhra Pradesh Brewery Rules, 2016, wherein it is mentioned that "The installed capacity of Micro Brewery shall not exceed 1000 BLs per day and shall be permitted in the municipal corporations only.

➢ It is also noted that Karnataka State PCB has issued CFE to a Brew Pub and Restaurant with micro brewery of capacity 9000 Ltr / month at Kasavanahalli, Bangalore in non Industrial area duly stipulating conditions for treatment of domestic and trade effluent in STP and ETP respectively.

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➢ It is also noted from the CFE order issued by the Karnataka state PCB that the water consumption and waste water generations are about three times higher when compared to the quantities submitted by the M/s MYZ-UNO for the same production quantity i.e., 9 KLD/Month. Hence, the proponent has to furnish the EMP containing the the quantities of water consumption, waste water generation, characteristics of raw effluents, ETP details, characteristics of treated effluents etc.,

➢ The proposed Pub would be established in Commercial area but not in residential area. The permission issued by the competent authority to establish Pub would be submitted.

After detailed discussions, the Committee opined that the APPCB is concerned about the pollution generated by the industry, its treatment and disposal. The Committee recommended to direct JCEE, ZO: Visakhapatnam to issue CFE order after receipt of above information with the following condition:

• The trade effluents after treatment in the ETP shall be discharged into underground drainage of GVMC.

ITEM NO. 16 M/s. E.I.D. Parry (India) Limited (Distillery), Sankili (V), Regidi Amadalavalasa (M), Srikakulam District – Request for Amendment in the CFE order – Reg.

The Committee noted the following:

➢ M/s. E.I.D. Parry (India) Limited (Distillery) (Formerly, M/s GMR Industries Ltd.) Sankili (V), Regidi Amadalavalasa (M), Srikakulam District, obtained CFE of the Board vide order dt.01.07.2006 and CFO order dt. 27.10.2014 and 5-11-2016 to produce Anhydrous Ethanol – 40 KLD and ENA (Extra Neutral Alcohol) – 40 KLD (either Ethanol or ENA at a time). By-products are Impure Spirit, Fusel Oil and Organic compost. The outlets for discharge of effluents:

<table>
<thead>
<tr>
<th>Outlet No.</th>
<th>Outlet description</th>
<th>Max. Daily Discharge (KLD)</th>
<th>Point of disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Process and wash effluents after treatment</td>
<td>400</td>
<td>Bio composting.</td>
</tr>
<tr>
<td>3</td>
<td>Domestic effluents</td>
<td>4</td>
<td>Septic tank followed by soak pit.</td>
</tr>
</tbody>
</table>

➢ M/s. EID Parry (India) Limited (Distillery Division), Sankili (V), Regidi Amadalavalasa (M), Srikakulam District had obtained amendment to the Environment Clearance vide order dt. 25.02.2015 with some of the following conditions:

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i. “Spent Wash shall be treated through bio-methanation followed by RO. Permeates will be recycled/reused for the process and cooling tower make up. Rejects will be concentrated in the MEE. Concentrate will be dried through ATFD and drum dryer to achieve dried powder. The dried powder will be sold as potash fertilizer. By using this technology, the distillery can be operated for 365 days”

ii. Spent wash shall be treated through bio-methanation followed by R.O. Permeates will be recycled / reused for process and cooling tower make up. Rejects will be concentrated in MEE. Concentrate will be bio-composted with press mud. By using this technology, the Distillery can be operated for 270 days except monsoon season.

➢ The Board issued CFO vide orders dt. 27.10.2014 & 05.11.2016 to the industry with validity periods upto 31/10/2021.

➢ Under Randomized risk based inspections, the unit was inspected by Board officials and observed that the industry has installed 3 x 900 lts/hr capacity dryers i.e., 64.8 KLD capacity for obtaining the dried powder as Potash Fertilizer.

➢ The legal hearing was conducted before the External Advisory Committee (Task Force) meeting and issued direction to the industry that “The industry shall obtain CFE and CFO for operation of ATFD of 65 TPD capacity consisting of 3 Nos. of dryers for generation of potash fertilizer and for compliance of conditions stipulated in the MOEF and CC Amendment F. No. J-11011/157/2003-IA II (I), dated 25/02/2015”.

➢ Earlier, the industry directly applied for CFO of the Board through Online paying the CFE & CFO fees for the drier for capacity of 65 TPD for generation of Potash Fertilizer. The same was inspected and forwarded to the Board Office. The issue was placed in the CFO committee meeting of Board Office held on 23/10/2017 and the committee after detailed discussion recommended that the industry shall obtain CFE for the ATFD of 65 TPD capacity consisting fo 3 Nos. of dryers for the generation of Potash fertilizer as per the Task Force directions and compliance of conditions stipulated in the MOEF and CC Amendment F. No. J-11011/157/2003-IA II(O), dated 25/02/2015.

➢ Board Office vide lr. dt. 26.10.2017 addressed a letter to the industry directing to obtain CFE amendment first and then approach for CFO Amendment.

➢ Accordingly, the industry applied for CFE of the Board for the drier of capacity 65 TPD for generation of Potash Fertilizer.

➢ In view of the above, the industry representation may be examined and accordingly Amendment may be issued to the CFE Order incorporating the Potash Fertilizer of 65 TPD as by-product to be processed in Monsoon Season Only and in Non-Monsoon Season as Organic Compost.

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

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

[Signature]

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The Committee noted the following:

1. M/s. Sri Sai Durga Bhavani Stone Crusher Industries, Sy No. 140/1, 140/2, Kovvuru (V), Rolugunta (M), Visakhapatnam District submitted application for CFE to produce Stone Chips – 30 TPD and Stone Dust – 10 TPD.

2. The issue was placed in the committee meeting held on 12.10.2017 at RO, Visakhapatnam and the committee recommended for rejection of the issual of the CFE for the following reason:

"Naidupalem village is at a distance of about 610 m from the proposed location of the crusher in north west direction which is not meeting the Board siting guidelines for stone crusher i.e., the human habitation shall be at a distance of 800 m from the proposed site."

3. Accordingly, the CFE application was rejected vide Ir.dt.12.10.2017 by the RO: Visakhapatnam as the proposed site is not complying with siting guidelines.

4. The proponent vide Lrs. Dt. 18.10.2017 & 09.11.207 requested the Board to reconsider their application as they would take all air pollution control measures as suggested by the Board.

5. The EE, RO,Visakhapatnam vide Ir.dt.15.12.2017 submitted a report on the representation of the industry duly enclosing the google map showing the distance of nearby stone crusher (M/s Beersheba stone crusher) from the proposed site of M/s Sri Sai Durga Bhavani stone crusher. The distance between the Naidupalem village and the stone crusher is 610.89 m.

6. The CFE Committee in its meeting held on 25.09.2017 examined similar type of industry viz., M/s. Beersheba Stone Crusher, Sy No. 138, Naidupalem (V), Rolugunta (M), Visakhapatnam District, i.e., stone crusher existing in the vicinity of the present industry viz., M/s. Sri Sai Durga Stone Crusher Industries. After detailed discussions, the Committee recommended to direct JCEE, ZO: Visakhapatnam to issue CFE order with the following conditions:

- "The stone crusher shall be shifted to a suitable place conforming to the Board’s siting guidelines in case of failure to comply with Board’s standards and conditions and any complaint against them."
- Green Belt shall be developed around the plant.
- Wind breaking wall shall be provided on west side.

The representatives of the project proponent attended the meeting. They have assured that they would comply with the conditions stipulated by the Board.

After detailed discussions, the Committee recommended to direct JCEE, ZO: Visakhapatnam to issue CFE order with the following conditions:

- "The stone crusher shall be shifted to a suitable place conforming to the Board’s siting guidelines in case of failure to comply with Board’s standards and conditions and any complaint against them."
- Green Belt shall be developed around the plant.
- Wind breaking wall shall be provided towards human habitation.

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MINUTES OF THE CFE COMMITTEE MEETING HELD ON 18.12.2017


The Committee noted the following:

1. M/s. Creamline Dairy Products Limited, has applied for the CFE through Single Window system on 10.06.2017 for the establishment of Dairy unit at Sy No.34, Batajanglelapalem, Anakapalli (M), Visakhapatnam District to produce Milk – 50 KLD, Butter, Curd, Butter Milk etc.,

2. The JCEE, ZO:Visakhapatnam vide order dt. 04.07.2017 rejected the application for the following reasons:

   ➢ The proposed industry is dairy industry and comes under red-hazardous category.

   ➢ The proposed site has not complied with APPCB sitting guidelines prescribed for dairy units with regard to the distance between the boundary of the site and human habitation shall be atleast 500 m. Pallavanapalem (V) is existing at a distance of 360 m from the boundary of the site in the north-west direction and a small colony of about 12 abandoned houses is adjoining the boundary of the site in southern direction at a distance of about 40 m.

   ➢ There is also residential layout bounded by the proposed site towards northern & southern direction.

   ➢ The wastewater generation (process & washings) from the activity would be around 200 KLD, but the quantity of wastewater generation from process & washing applied by the industry is 135 KLD which is very less.

   ➢ The total area of the proposed site is 5.46 acres in which only 1.89 acres of area allocated for greenbelt development. The industry required 20 acres of greenbelt area to utilize treated wastewater of 200 KLD, whereas the proposed industry is having only 1.89 acres of greenbelt area. Further, the industry required to acquire additional land of 18.11 acres of greenbelt area to utilize the treated wastewater.

3. The industry vide letter dated 16.11.2017 requested for reconsideration of CFE duly considering the following:

   a) The CFE Committee has opined that the human habitation is existing at the distance of 360 m from the proposed site. The said distance was taken from about small group of houses constructed in the fields across the road towards direction of site. Also the proposed unit is standalone unit in nearby 5 KMs radius. Therefore, the proponent requested the authorities to kindly relax the sitting guidelines in the interest of industry.

   b) On verification with the Revenue Records it is found that there are no recorded residential colonies or residential layouts nearby the proposed unit.

   c) The CFE Committee at ZO: Visakhapatnam opined that the waste water generation (Process & Wash) from the activity would be around 200 KLD. But the proponent submitted the quantities based on the water consumption and waste water generation from the units under their management. Accordingly, they have proposed to construct ETP to treat the waste water generated.

[Signature]
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d) The CFE Committee opined that the proposed site is 5.46 Acres and in which only 1.89 Acres of area is earmarked for Green belt. As the industry is required 20 Acres of green belt as waste water generation is 200 KLD (though we had submitted 135 KLD) and suggested for additional land of 18.11 Acres for Green belt for utilization of treated waste water. In this regard, the industry had applied to APIIC authorities for alienation of Government land in Sy. No. 32 admeasuring Ac.18.00 which is adjoining to the proposed unit.

e) The APIIC has approved the proposal filing requisition of Ac.18.19 Cts. In Sy. No. 32 of Batajangalapalaem Village of Sabbavaram Mandal. After the Board approval, the Zonal Manager, APIIC, Visakhapatnam has furnished the requisition proposal to the District Collector, Visakhapatnam for an extent of Ac.18.19 Cts. In Sy. No.32-1 to 5 (Full Fields) of Batajangalapalaem Village of Sabbavaram Mandal and the process is in active consideration. Further, it is submitted that they can obtain the alienated land in their favour and shall be utilized for green belt. They are hopeful by the time they come into commercial production the land can be acquired.

4. The EE, RO, Visakhapatnam vide Ir.dt. 12.12.2017 submitted the following:
   a) Plots were plotted on ground adjacent to the boundary of the site towards northern & southern direction.
   b) The APIIC has to acquire land and it may take time to complete the process. If APIIC could not able to acquire the site, there is no option for the proponent to use treated effluents for on land application except to let out in to nearby drains.

5. The industry may explore the possibility for installation of ZLD system, if APIIC could not acquire additional land.

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

- The APIIC is acquiring additional land for disposal of treated waste water.
- If the APIIC fails to do so, the industry would install ZLD system so that the treated waste water would be recycled completely.

After detailed discussions, the Committee recommended to direct JCEE, ZO: Visakhapatnam to issue CFE order after receipt of details of ZLD system with the following conditions:

- Additional land of area 18.19 acres shall be acquired for further disposal of treated waste water.
- If, the additional area is not acquired, the industry shall install ZLD system so that the treated waste water would be recycled completely.

[Signature]

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The Committee noted the following:

1. M/s. Porus Laboratories Private Limited., Unit – VI has applied for CFE for establishment of a Specialty chemicals manufacturing industry at Plot No. 2A, APSEZ, APIIC, Moturupalem (V), Rambilli (M), Visakhapatnam.

2. The unit proposed to send effluents after neutralization, to M/s AETL (CETP provided by APIIC). If CETP doesn't become operational the industry proposed to send this effluents to JN Pharmacy.

3. It is proposed to generate 12444.5 kg/day of spent sulphuric acid as a by-product from production of 13333.3 Kg/day of 4-Nitro-N-methyl phthalimide (4-NPI). Proponent has to submit the material balance of the same as well as disposal method.

4. The R.O. reported that the proponent has not submitted the consolidated effluent generation.

The representatives of the project proponent attended the meeting. They have submitted the following vide Ir. dt. 18.12.2017:

- The effluent would be sent to M/s. AETL. If it is not operational, the effluent would be sent to JNPC.
- The material balance of 4-Nitro-N-methyl phthalimide (4-NPI) is submitted
- The EMP report and details of consolidated effluent generation are submitted.

After detailed discussions, the Committee recommended to issue CFE.

ITEM NO. 20 M/s. Parry Infrastructure Company Limited (Formerly M/s. Silkroad Sugars Private Limited), Beach Road, Kakinada, East Godavari district – Request for Amendment in CFE order– Reg.

The Committee noted the following:

- M/s. Parry Infrastructure Company Limited (Formerly M/s. Silkroad Sugars Private Limited), Beach Road, Kakinada, East Godavari district is an existing industry producing Refined Sugar – 3000 TPD, Molasses (By-Product) – 55 TPD & 10 MW of Electricity using imported coal and indigenous coal.

- The industry has CFO order for manufacturing the above products with validity period upto 31.01.2019. As per conditions stipulated under Schedule-B “the CFE was issued as fall back arrangement as mentioned in the CFE order dated 21.04.2012 for 5 years from the date of commissioning of boiler. As such, no power generating operations permitted in this order shall be continued beyond 31.03.2019. The fall back arrangement is permitted for a period of 5 years from the date of commissioning.”

[Signature]

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- Subsequently, the Board vide CFE order dated 22.04.2017, 22.04.2017, issued amendment to the Para No.6 of CFE order dated 21.04.2012 as follows:

"The industry shall operate the boiler using coal as fuel on permanent basis on par with amendment to the EC".

- Now, the industry submitted representation requesting the Board to issue amendment to CFE order pertaining to usage of 100% coal as fuel (or) a combination of coal & rice husk with rice husk upto maximum of 20% (i.e., Coal – 80% & Rice husk – 20%) in the existing 90 TPH boiler for which the industry obtained amendment to the Environmental Clearances issued earlier vide order dated 23.09.2017.

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

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

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