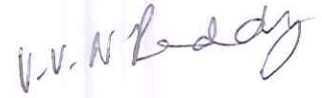
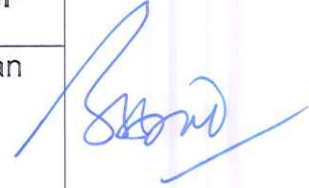


MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017
AT ANDHRA PRADESH POLLUTION CONTROL BOARD,
NEAR PUSHPA HOTEL CENTRE, BEHIND SUNRISE HOSPITALS,
KASTURIBAIPET, VIJAYAWADA, A.P.

The following were present:

S.No.	Name of the Member	Member
1	Sri B.S.S. Prasad, IFS., Member Secretary A.P. Pollution Control Board, Hyderabad.	Chairman
2	Dr. V.V. Narayana Reddy, Deputy Director (Scientist), (Retd.), IICT, Hyderabad	Member
3	Dr. V. Ranga Rao, Dept., of Civil Engineering, K.L. University, Guntur.	Member
4	Dr. N. Chitti Babu, Dept., of Chemical Engineering, Andhra University, Visakhapatnam.	Member



The Member Secretary has welcomed the members of the Committee. After general introductory remarks on the items placed before the CFE Committee, the Committee took up agenda, item wise. The decisions of the CFE Committee on each item are recorded below.

MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

ITEM NO. 1 **M/s Dalmia Cement (Bharath) Ltd., Cement division, Chinna Komerla of Mylavaram (M), Kadapa District - Applied for CFE for 9 MW Waste Heat Recovery Based Power Plant – Reg.**

In order to comply with the time limits stipulated by the Government, the Board issued CFE order dt. 26.07.2017 to the industry. After detailed discussions the Committee ratified the CFE order issued.

ITEM NO. 2 **M/s. My Home Industries Private Limited (Cement Plant), Sy. No. 212 (P), 213 (P) to 215 (P), 420 (P), 427, 428 to 430, 451 (P) to 461 (P) , 470 to 486 (P) etc., Gamalapadu Village, Dachepalli Mandal, Guntur District - Applied for CFE and change of name – Reg.**

The Committee noted the following:

- a) The proposal is for establishment of cement plant at Gomalapadu (V), Dachepalli (M), Guntur District. The Board already issued CFE to the mining vide order dt. 03.05.2017.
- b) The industry obtained EC vide order dt. 29.02.2016. The EC is in the name of M/s. My Home Industries. Now, the industry applied CFE in the name of M/s. My Home Industries Pvt. Ltd (Cement plant).

The representatives of the project proponent attended the meeting. They have submitted a copy of fresh Certificate of Incorporation dt. 01.04.2015 and Memorandum and Articles of Association vide letter dt. 26.07.2017, changing the name of the industry as M/s. My Home Industries Pvt. Ltd.,

After detailed discussions, the Committee recommended to issue CFE in favour of M/s. My Home Industries Pvt. Ltd., The industry shall obtain necessary amendment for the EC order changing the name.

ITEM NO. 3 **M/s. Porus Laboratories Pvt Ltd., Plot No. 64, JNPC, Parawada, Visakhapatnam - Applied for CFE expansion – Reg.**

The Committee noted the following:

- a) The industry shall construct shed for storage of coal.
- b) The industry shall construct shed for storage of drums with dyke wall and Leachate collection system.

The representatives of the project proponent attended the meeting. The industry vide lr. dt. 26.07.2017 committed as following:

- a) Shed for storage of coal will be constructed within two months.
- b) Shed for storage of drums with dyke wall and Leachate collection system will be constructed within two months.

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

MEMBER SECRETARY

MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

ITEM NO. 4 M/s. Tagoor Chemicals (P) Ltd, (Formerly known as M/s.Vensar Laboratories (P) Ltd), Sy.No. 32, Tupakulagudem village, Pochavaram Panchayat, Tallapudi mandal, West Godavari District - Applied for CFE for new products – Reg.

The Committee noted the following:

- a) The industry shall submit copies of certificate of incorporation issued by the Registrar of Companies w.r.to change of name.
- b) The industry has to obtain amendment to EC changing the name of the industry as M/s. Tagoor Chemicals (P) Ltd.,
- c) The proponent has to furnish the capacities of the ZLD system proposed.

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

- a) A copy of certificate of incorporation dt. 05.10.2016 issued by the Registrar of Companies w.r.to change of name.
- b) The details of the ZLD system.

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

- a) The industry has to obtain amendment to EC changing the name of the industry as M/s. Tagoor Chemicals (P) Ltd.,

ITEM NO. 5 M/s. Ellenbarrie Industrial Gases Ltd., Plot No. 57-A, Jawaharlal Nehru Pharma City, Parawada, Visakhapatnam District - Applied for CFE expansion – Reg.

The Committee noted the following:

- a) Industry has developed green belt in 0.3 Ha only out of 1.6 Ha of total area. The industry has to develop additional green belt to meet the requirement of 33%.
- b) The industry vide mail dt. 21.07.2017 had informed as following:
 - i) There is no argon separation column. Plant will produce only Oxygen and Nitrogen. The 24 tons shown in production figures is maximum Gaseous Oxygen which can be produced by the plant.
 - ii) Air Balance:
 - A) Air Input: 17000 Nm³/hr (526.4 TPD)
 - B) Products & losses (a+b+c+d): 526.1 TPD
 - a. Total products: 205 TPD [61+120+24]
 - b. Waste Nitrogen (process gas) = 10000 Nm³/hr (300 TPD)
 - c. Instrument Air: 100 Nm³/ hr (3.1 TPD)
 - d. Losses (compressor seal, MS switching etc): 18 TPD (3% of input air)

The representatives of the project proponent attended the meeting and explained the process of Industrial gases production. At present, they are not proposed to produce gaseous Argon. The water circulated for cooling is increased. Hence, the water consumption for cooling purpose is increased. The proposed products are as following:

Liquid Oxygen – 61 TPD + Liquid Nitrogen – 120 TPD + Gaseous Oxygen – 24 TPD

After detailed discussions, the Committee recommended to issue CFE for above products.


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MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

ITEM NO. 6 MSW Based Power plant - M/s. Jindal Urban Waste Management (Tirupati) Limited, Sy. No: 1505/1,1507/1, Thatikona ST Colony, Chandragiri (M) Chittoor District - Applied for CFE (Revised) – Reg.

The Committee noted the following:

a) The various proposals submitted by the proponent were placed before the CFE Committee meetings held on 07.01.2017 and 09.03.2017.

After detailed discussions, the Committee recommended that the proponent shall submit a letter from the competent authority stating whether the Thatikona ST Colony consisting about 70 houses (25 concrete structures and 45 huts) is authorized or not?

If, above human habitation is unauthorized, CFE can be issued with the following conditions:

- *The proponent shall start construction work of the project after obtaining Authorization under Solid Waste Management Rules, 2016 for establishment of storage, handling and management of Municipal Solid Waste.*
- *The project proponent is informed to take action as per the provisions of the EIA Notification, 2006 and its amendments thereof, with regard to the Environmental Clearance (EC), for the required components.*

Otherwise, the project proponent shall select suitable site complying with Solid Waste Management Rules, 2016 as decided in the earlier meeting.

Accordingly, a letter dt. 27.03.2017 was addressed to the project proponent communicating above decision.

In response to that, the proponent vide Ir. dt. 24.03.2017 communicated a copy of the Ir. dt. 23.03.2017 issued by the Tahsildar (FAC), Chandragiri, Chittoor District. It was mentioned in the letter that there are 81 houses exist in Thatikona ST Colony. Out of that, 36 concrete houses are authorized. The total population in ST Colony is 220 members. They are residing in the village for last 32 years.

As per the Solid Waste Management Rules, 2016, the sanitary landfill site shall be located 200 m from human habitation. Whereas in the present case, Thatikona ST Colony is located at a distance of 50 m from the site. Hence, as per the decision taken in the CFE Committee meeting held on 09.03.2017, the project proponent shall select suitable site complying with Solid Waste Management Rules, 2016.

In view of the above, the proponent was requested to select a suitable site complying with Solid Waste Management Rules, 2016 issued by the MoEF&CC, GoI, New Delhi vide notification dt. 08.04.2016.

The proponent submitted revised lay out duly shifting the proposed plant away from habitation. The EE, RO: Tirupati had submitted a report dt. 10.07.2017 stating that the industry has submitted revised layout for 6.289 acres instead of 16 acres 22 cents in Sy. Nos. 1505/1, 1507/1, Thatikona ST Colony, Chandragiri (M) of the proposed Power Plant. **The distance between the boundary wall of the project and the Tatikona ST Colony is about 220 m and Mondikaluva colony is about 380 m.**

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



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MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

- The proponent shall explore the possibility to develop green belt between the industry and Thatikona ST Colony. *as green buffer.*
- The distance between the landfill and the human habitation shall be minimum 200 m
- *The proponent shall start construction work of the project after obtaining Authorization under Solid Waste Management Rules, 2016 for establishment of storage, handling and management of Municipal Solid Waste.*
- *The project proponent is informed to take action as per the provisions of the EIA Notification, 2006 and its amendments thereof, with regard to the Environmental Clearance (EC), for the required components.*

ITEM NO. 7 M/s. Sri Arunachala Siva Minerals, Sy. No. 1008, Gutupalli (V), Bethamcherla (M), Kurnool District – Issue of CFE – Reg.

The Committee noted that the proponent shall comply with the following as stipulated in the EC order.

- The proposed dust collection and extraction system to control fugitive dust emissions at various transfer points.
- Raw materials and products shall be transported in covered trucks. Storage of raw material shall be in roof sheds. All conveyor belts shall be covered with G.I. Sheets.

The representatives of the project proponent attended the meeting. They have submitted Ir. dt. 27.07.2017 as following:

- a) The process adopted is physical beneficiation only.
- b) Dust collection and extraction system to control fugitive dust emissions at various transfer points will be provided. It consists of a hood and bag filter to control emissions.
- c) Iron ore received in covered trucks from the nearby mines. Storage of raw material shall be in roof sheds. All conveyor belts will be covered with G.I. Sheets. Sheds will be provided for storage of the raw material.

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

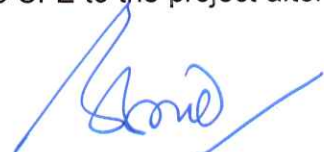
ITEM NO. 8 M/s. Cubatic Projects Pvt., Ltd., R. Sy. No. 374/2B, 374/2C, Morampudi Village, Rajamahendravaram, East Goavari District – Issue of CFE – Reg.

The Committee noted the following:

- The proponent had already paid required CFE fee of Rs. 3,00,000/-.
- The proponent has to furnish the quantities of Garbage generated, used batteries.

The representatives of the project proponent attended the meeting. They have agreed to submit the quantities of Garbage generated, used batteries.

After detailed discussions, the Committee recommended to issue CFE to the project after obtaining above information.



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MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

ITEM NO. 9 M/s. Swaasa Pharma Limited, Plot No.23K, APIIC Ltd., Atchutapuram Industrial Area, Lalamkoduru (V), Rambilli (M), Visakhapatnam District - Amendment to CFE order – Reg.

The Committee noted the following:

The Board issued CFE vide order dt. 17.12.2013 to **M/s. Swaasa Pharma Limited**, to manufacture bulk drugs, at Plot No.23K, APIIC Ltd., Atchutapuram Industrial Area, Lalamkoduru (V), Rambilli (M), Visakhapatnam District with a project cost of Rs. 14.60 Crores.

The Board stipulated to install ZLD system to treat the waste water generated.

The industry vide Ir. dt. 17.07.2017 requested to amend the above CFE order to send their effluents (HTDS & LTDS) to M/s. Coastal Waste Management Project for further treatment and disposal till the CETP in APSEZ is functional, based on the following grounds:

- Earlier, the industry has proposed to install ZLD system to treat the effluents generated as the CETP in the APSEZ was not installed. Accordingly, CFE order dt. 17.12.2013 was issued stipulating above mentioned condition.
- M/s. Ramky Pharmacy (India) Limited vide Ir. dt. 26.05.2017 informed that they would accept 18 KLD of HTDS and 13.5 KLD of LTDS effluents from the industry provided the industry becomes the member of M/s. Coastal Waste Management Project to avail the services of Hazardous Waste Management.
- The CETP in APSEZ will be ready in next three or four months.

The representatives of the project proponent attended the meeting and requested for above amendment as the Board considered in case of other units in the SEZ.

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

ITEM NO. 10 M/s. L.G. Polymers (I) Pvt. Ltd., R.R. Venkatapuram, Visakhapatnam - Applied for amendment to CFE order – Reg.

The Committee noted the following:

- a) The item was placed before the CFE Committee meeting held on 22.04.2017. Based on the recommendations of the Committee CFE order dt. 04.05.2017 was issued with the following condition:

The industry shall obtain the clarification from the MoEF & CC regarding applicability of EIA Notification for the proposed additional product. If the Ministry clarifies that the industry does not require EC, the industry can start production of the additional product. Otherwise, the industry shall comply with the directions issued by the MoEF & CC.



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- b) Subsequently, the industry vide Ir. dt. 10.05.2017 informed that the MoEF&CC, Gol, New Delhi vide amendment to EIA Notification dt. 25.06.2014 had exempted manufacture of products from polymer granules from the purview of EIA Notification. The industry therefore requested to delete the above condition from the CFE order. **The item was placed before the CFE Committee meeting held on 20.05.2017.** After detailed discussions, the Committee opined that the condition stipulated by the Board in the **CFE order dt. 04.05.2017** to obtain clarification from the MoEF&CC, Gol, New Delhi holds good. Hence, the industry shall obtain the clarification from the MoEF & CC regarding applicability of EIA Notification before starting the construction work for the proposed additional product. If the Ministry clarifies that the industry does not require EC, the industry can start construction of the unit to produce additional product. Otherwise, the industry shall comply with the directions issued by the MoEF & CC.
- c) The above decision was communicated to the industry vide Ir. dt. 03.06.2017. The Committee noted the following:
- The industry vide Ir. dt. 11.07.2017 informed as following:
 - With reference to the opinion of CFE Committee that the Talc and other Additives are in Powder form, the industry appealed that being Talc in Powder form should not be considered for the EIA Notification as Talc is not a Petro Chemical based product in Nature and it is only added to strengthen the hardness property in the product. Also no chemical reaction involved in it and it was only pure homogenous mixing of granules with Talc and Glass fiber to enhance the mechanical strengthening properties.
 - In view of the above, as EIA Amendment notification issued has clarified that our proposed additional product of engineering plastics which is manufactured from Polymer Granules is exempted from Environmental Clearance. The industry requested to delete the condition no. 14 in other conditions.
 - The Committee had also noted that SEIAA, Gujarat had issued Environmental Clearance to similar products in an existing unit, in their State. Hence, the industry may be requested to obtain Environmental Clearance on similar grounds.

The representatives of the project proponent attended the meeting. They have submitted a Ir. dt. 27.07.2017 and informed as following:

- ❖ The industry approached MoEF & CC, Gol, New Delhi on 22.06.2017 and met the concerned authority in IA division and appraised them about the conditions stipulated by the Board.
- ❖ The officials of MoEF&CC opined that their process is simple homogenous mix and extrusion from Polymer Granules and additives are Minerals, used as fillers. Hence, does not attract EC. There is no effluent generation from the process and water is used only for cooling purpose.
- ❖ No time limit has assured by the officials of MoEF due to their heavy workload for written clarification, as the file has to be circulated to Joint Secretary, IA-DIV, MoEF & CC, Gol, New Delhi.



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- ❖ Even though Engineering Plastic customers are away from Vizag location, their parent company considering this site due to availability of resources like land, power, skilled manpower etc., and project can be completed within 9 months duration. EC clarification from MoEF may lead to inordinate delay of the project.
- ❖ Copies of the consent orders of other Pollution Control Boards issued to similar type of industries are submitted and requested to delete the condition stipulated by the Board.

After detailed discussions, the Committee opined that the process involved is formulation of different raw materials and recommended to delete the following condition stipulated in the earlier CFE order.

"The industry shall obtain the clarification from the MoEF & CC regarding applicability of EIA Notification for the proposed additional product. If the Ministry clarifies that the industry does not require EC, the industry can start production of the additional product. Otherwise, the industry shall comply with the directions issued by the MoEF & CC."

ITEM NO. 11 M/s. Andhra Cements Limited (Cement Division), Durga Cements Works, Durgapuram (V), Dachepalli (M), Guntur District - Applied for use of Pet Coke as fuel in the Kiln of Cement Plant – Reg.

The Committee noted the following:

- The area of green belt shall be 33% of total area i.e., 142 acres. But, the industry had developed green belt in an area of 100 acres only. It shall be completed during this monsoon season. The industry shall give a commitment on this.
- As per the provisions laid under MoEF&CC Notification dt. 23.11.2016, the proposal of the industry may be accepted.
- The industry shall inform the EMP for handling and storage of Pet Coke and SO₂ emission control from the kiln.

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

- ❖ Presently Green belt completed in 121.0 acres and further balance 21.0 acres will be completed during this monsoon season.
- ❖ Covered storage shed of Pet coke already installed in our plant.
- ❖ We have already installed Continuous Stack Emission Monitoring System (CSEMS) for parameter SO₂ for the stack for raw Mill / Kiln (RABH)) and data generated are displayed in CPCB / APPCB website.
- ❖ The Pet coke is stored under a shed. Reclaiming of Fuel / Pet coke will be carried out through Reclaimer and transported through covered Belt conveyors into Coal Mills for grinding.

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.


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ITEM NO. 12 M/s. Balaji Cement Works, A unit of Ultra Tech Cement (Formerly M/s. Jaypee Balaji Cement Plant, A Unit of Jaypee Cement Corporation Ltd.) Sy. No. 99, Balajipuram, Budawada (V), Jaggaiahpet (M), Krishna District - Applied for usage of Petcoke as alternative fuel in addition to coal and change of name – Reg.

The Committee noted the following:

- The industry shall inform the EMP for transportation and storage of Pet coke and SO₂ emission control from the kiln.
- Change of name of the industry may be considered.

The representatives of the project proponent attended the meeting. They have requested vide Ir. dt. 27.07.2017 to accord permission to use Pet coke as alternative fuel. The EMP for handling Pet coke is as following:

- Material will be unloaded at Wagon Tippler / Truck Tippler and conveyed to the silo by means of various conveyors as shown in the flow chart. A dedicated storage silo of capacity 8000 tons has been built by adopting state of art technology. From the silo, material will be carried out to Coal mill through closed conveyor belts, where grinding will be done and transported to the bins followed by kiln firing through closed pipeline by the application of pneumatic pressure.
- Optimization of Raw mix and process parameters will be done for efficient absorption of SO₂ in kiln atmosphere. The combustion zone of the kiln with the presence of high lime dust acts as a scrubber combining to form Calcium Sulphate, preventing much of the potential SO₂ from the emission gas stream.
- The industry submitted a copy of the order of Hon'ble National Company Law Tribunal Bench: Allahabad transferring M/s. JP Cement Corporation Ltd., to M/s. Ultra Tech Cement Ltd.,

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.

The name of the industry shall be changed as M/s. Balaji Cement Works, A unit of Ultra Tech Cement.



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MINUTES OF THE CFE COMMITTEE MEETING HELD ON 27.07.2017

ITEM NO. 13 M/s. The Ramco Cements Limits, Sy.No.235, 236, 238, 240, etc. Kumarasamy Raja Nagar, Jaggaiahpet (M), Krishna District - Applied for CFE of change of fuel and to manufacture alternative composite cement – Reg.

The Committee noted the following:

- a) Usage of Pet coke in Cement kiln may be considered. However, usage of Pet coke in Thermal Power Plant will be examined after obtaining amendment in EC.
- b) The industry shall submit EMP for transportation and storage of Pet coke and SO₂ emission control to meet the Board standards.

The representatives of the project proponent attended the meeting. They have requested vide Ir. dt. 26.07.2017 to accord permission to use Pet coke as alternative fuel. The EMP for handling Pet coke is as following:

- ❖ Transportation of Pet coke is through wagons / trucks, into our premises.
- ❖ Coal Stacker & Reclaimer (with closed shed) used for Pet coke storage also.
- ❖ As the Sulphur in the Pet coke is absorbed in Clinker, no additional air pollution control equipment required for cement plant.
- ❖ With respect to Thermal Power Plant, it is proposed to provide Limestone Feeding System. Sulphur is absorbed by Limestone. Capital cost of the same is around Rs. 50 lakh and recurring cost is around Rs. 242.8 lakh per annum. The Limestone is sourced from their captive Limestone mines.

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.

ITEM NO. 14 M/s. Synergene Active Ingredients Pvt. Ltd., Unit-III, Plot No. 59 A, J.N. Pharmacy, Parawada, Vishakhapatnam – Issue of CFE – Reg.

The Committee noted the following:

- a) The proposal is for establishment of new Bulk drug unit.
- b) The effluent generation is 46.6 KLD (HTDS-11.54 KLD and LTDS-34.36 KLD) which is within the permitted loads as per acreage.

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



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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 Change of Product Mix – Reg.

The Committee noted the following:

The industry has to comply with following conditions:

- a) The industry has not provided RO Plant and ATFD.
- b) The industry has not provided Flow meters with totalizers to Stripper, MEE and ETP.
- c) There is no auto recording facility with pH meter provided to the scrubber.
- d) There is no recording facility to the VOC meter.
- e) The industry has not provided separate Storm water drains.
- f) The industry has not lifted inorganic salts to the TSDF so far.

The representatives of the project proponent attended the meeting. They have agreed to give commitment on above mentioned points.

After detailed discussions, the Committee recommended to issue CFE duly stipulating time bound action plan to be submitted by the industry as conditions.

ITEM NO. 16 M/s. Sai Ram Chemicals, Plot No.80 C & 80 B/1, JN Pharmacity, Parawada, Visakhapatnam District - Applied for CFE expansion – Reg.

The Committee noted the following:

- a) The proposal is for expansion of Bulk drugs from 1333.23 kg/day to 2800 kg/day + R & D Products.
- b) The effluent generation after expansion is increased from 23.67 KLD (HTDS-9.19 KLD and LTDS-14.48 KLD) to 44.71 KLD (HTDS- 11.00 KLD and LTDS- 33.71 KLD). The effluent generation after expansion is within the permitted loads as per acreage.
- c) The industry has manufactured 6 new products without CFE and now the industry included these products in the present proposal.
- d) The industry has to connect vents of the centrifuges to the scrubbers.
- e) The industry shall construct Storm water drains with Storm water collection tank.
- f) The industry shall develop additional green belt to meet the requirement of 33%.

The representatives of the project proponent attended the meeting. They have informed Ir. received on 27.07.2017 as following:

- ❖ CFE for change of product mix was applied for all the unconsented products manufactured during the last 1 year and will obtain CFO immediately before manufacture of any further quantities. In future products are not manufactured without obtaining CFE / CFO from the Board.



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- ❖ All the centrifuges were fitted with speed regulators. Centrifuge will run on low speed while feeding the material and until completion of expelling MLs and centrifuge activities were performing in closed condition. MLs were collecting into closed catch pots and from there collecting into closed receivers under vacuum. By doing this we are avoiding the solvent evaporation during centrifugation.
- ❖ All the vents were connected with flame arrestors.
- ❖ Rain water runoff tank will be constructed within two months.
- ❖ Green belt was developed to an extent of 0.4 acres which is equivalent to 17.77% and Ramky has developed about 20% totaling to 37.77% and exploring possibility of further area. Proposed to develop green belt outside the periphery of the premises.

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

The RO: Visakhapatnam is directed to send a report to the JCEE, UH-2 (Task Force) on the defaulting industries who are disposing their spent solvents to their sister concerned units without obtaining approvals from the Board, to take further necessary action.

ITEM NO. 17 M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., (APIIC), for Development of Industrial Park at Sy. No. 1/1, 2/2, 6/2, 6/3, 6/4, 7/1 etc., Gollapuram (V), Hindupuram (M), Anantapuram District - Applied for CFE – Reg.

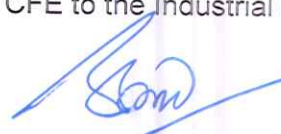
The Committee noted the following:

- a) It is proposed to develop industrial park for category A and B projects.
- b) The developer i.e., APIIC obtained EC vide order dt. 07.06.2017.
- c) In the EC order it is mentioned that Zero Liquid discharge (ZLD) is to be observed.
- d) Details of CETP are to be furnished.
- e) In the Solid waste details, generation of Bio-medical waste is mentioned. The source of Bio-medical waste is to be informed.

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

- ❖ DPR is being prepared for the construction of CETP. Details will be submitted after receipt of DPR.
- ❖ The waste generated during usage of First Aid Boxes in the individual units is mentioned as Bio-medical waste.

After detailed discussions, the Committee recommended to issue CFE to the Industrial Park.

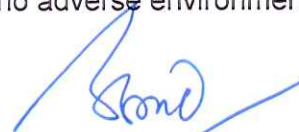


MEMBER SECRETARY

ITEM NO. 18 M/s. Nagarjuna Fertilizers and Chemicals Limited, Nagarjuna Road, Kakinada, East Godavari District.- Amendment to CFE order with regard to reduction in area of greenbelt – Reg.

The Committee noted the following:

1. M/s. Nagarjuna Fertilizers and Chemicals Limited (M/s. NFCL) vide Ir. dt. 24.04.2017 requested the Board to prescribe only 33% area as greenbelt for the unit and for utilizing the existing greenbelt area located at Nagarjuna Road, Kakinada, East Godavari District for establishment of new projects based on the following grounds:
 - As per existing general guidelines of MoEF for Red Category, MAH Industries which prescribes that 33% of land to be maintained as green belt the same norms should be made applicable to M/s. NFCL, Vakalapudi, Kakinada, East Godavari District.
 - The MoEF had issued Environmental Clearance to M/s. NFCL on 18.12.2012 with a special condition at Sl. No. XXII that "Green belt shall be developed in 33% of plant area. Selection of plant species shall be as per CPCB guidelines".
 - In respect of other new upcoming fertilizer projects also, it has been specifically mentioned that 33% of the total extent of land utilized for the project be left out for the green belt.
2. M/s. NFCL was initially allotted land of 440 acres during M/s. GFCL (i.e., present M/s. Coromandel Fertilizers) separation for establishment of Fertilizer Industry. Subsequently, M/s. NFCL requested the Government for acquisition of additional land of 757 acres stating that the extent of land presently with them is grossly inadequate for present and future expansion requirement of their project. Subsequently, M/s. NFCL submitted revised requisition for 687 acres against 757 acres.
3. The Government of Andhra Pradesh allotted additional land of 687 acres to M/s. Nagarjuna Fertilizers and Chemicals Limited, Kakinada on **02.07.1985** with a condition that they should earmark approximately 200 acres, out of the extent of 687 acres for the purpose of green belt around the site and more particularly a thicker belt on the western boundary as a buffer zone with in their perimeter towards Kakinada town side.
4. The Board accorded NOC (i.e., CFE) Ir. dt. **14.10.1985** to M/s. NFCL with a condition that "the green belt of 1.0 km width selected for planting trees with different heights to provide a continuous integrated green leave wall will be provided between the factory and the Kakinada town. All the available land on the South will be planted with trees for additional protection. The provision of green belt is the primary condition for approval of the site. Otherwise, this location is not acceptable".
5. It is to submit that M/s. NFCL, & M/s. GFCL are located on adjoining contiguous land. The Environment Protection Council filed the Writ Petition 5357 of 1985 challenging the proposal to establish both the factories at Kakinada. The Expert Committee constituted by the Chairman, Central Board for prevention & control of water pollution, New Delhi in respect of Writ Petition (Civil) No.5357 of 1984 submitted recommendations to the Hon'ble Supreme Court that to the fulfillment of the conditions mentioned in the report, the industry may be allowed to be set up in Kakinada. The Attorney General appeared on behalf of the State Government of Andhra Pradesh assured that the Government of Andhra Pradesh would take all necessary steps through appropriate agency to ensure that the adequate safe guards are provided by the industry to see that there was no adverse environmental impact.



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Also submitted recommendations in the report at Sl. No. (i) & (ii) that "M/s. Godvari Fertilisers & Chemicals Limited (GFCL) and M/s. Nagarjuna Fertilisers & Chemicals Limited (NFCL) should not be permitted to go for any expansion at the proposed site. GFCL should not be permitted to manufacture sulphuric acid, phosphoric acid and ammonia at the proposed project site. Any other polluting industry in and around the proposed site should only be permitted after a thorough examination of ambient air quality and a detailed environmental impact assessment".

6. The MoEF while according EC order dt. 22.08.2008 stipulated a specific condition no.v that *the company shall maintain the existing 70% green belt to mitigate the effect of fugitive emissions and noise. The Board also while issuing CFE order dt. 04.01.2011 stipulated a condition at S.No.16 of Schedule-B that existing green belt of 70% of total area shall not be disturbed in the proposed expansion/construction activity.*
7. The Board while examining the proposal of Consent For Establishment (CFE) for expansion of Phase-III, vide order dt. 02.04.2013, perused the opinion offered by the Advocate General of Andhra Pradesh vide letter dt.13.03.2013, in the case of M/s. Coromandel International Ltd, and the opinion offered by Standing Counsel of the Board vide letter dt.18.03.2013 in the case of M/s. Nagarjuna Fertilizers and Chemicals Limited and same was incorporated in CFE order dt. 02.04.2013. The committee observed that as per the opinions, the industry need not approach the Hon'ble Supreme Court for any clarification in the matter for issuance of CFE by the Board for further expansions. The Committee after detailed discussions recommended for grant of CFE for expansion and the Board while issuing consent for establishment vide order dated 02.04.2013 for expansion in Phase-III stipulated a condition no.26 of Schedule-B that *existing green belt of 789 acres shall be augmented and shall not be disturbed in the proposed expansion activity.*
8. Further, the Hon'ble Supreme Court of India in its order in WP No.5357 of 1985 dated 07.01.1995 has allowed granting permission to M/s. NFCL for expansion proposal of existing industry only.
9. The break-up of the site and green belt is as following:

	Existing
Total area	1127 acres
Built up area	338 acres
Green belt	789 acres (70%)

10. As per the conditions stipulated in the NOC (CFE) and recommendations of Mr. G.S. Ray, 1.0 km green belt is to be developed along the west boundary of M/s. NFCL i.e., towards Kakinada town, North and South side of the site and between M/s. NFCL and M/s. GFCL.
11. Most of the existing green belt is on South side, West side and 1.0 km green belt is to be developed on West side as per NOC issued to the industry.


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12. The industry is having 5 continuous Ambient Air Quality Monitoring Stations within the industry premises. The RO reported that as per the online data, the values of parameters CO, NH₃, NO₂, PM₁₀ and SO₂ are given below:

Date & Time	Carbon Monoxide (µg/m ³)	Ammonia (µg/m ³)	Nitrogen Dioxide (µg/m ³)	PM ₁₀ (µg/m ³)	Sulphur Dioxide (µg/m ³)
15/07/2017 -- 08:00	0.07	0	0	0	0
15/07/2017 -- 07:00	0.13	28.38	16.99	5.79	12.32
15/07/2017 -- 06:00	0.31	28.44	17.15	6.05	13.72
15/07/2017 -- 05:00	0.34	29.08	17.71	5.43	14.87
15/07/2017 -- 04:00	0.3	29.07	17.53	5.14	12.06
15/07/2017 -- 03:00	0.32	28.48	16.93	6.97	10.96
15/07/2017 -- 02:00	0.36	28.35	16.85	8.82	12.72
15/07/2017 -- 01:00	0.37	28.44	17.07	7.62	14.07
15/07/2017 -- 00:00	0.59	0	0	0	0
NAAQ Standards:	2.00	400.00	80.00	100.00	80.00

The values of the parameters are far below the standards.

13. In the latest EC order dt. 18.12.2012 issued for III Phase of M/s. NFCL, a condition was stipulated that green belt shall be developed in 33% of the plant area. Further, it is observed that MoE&F in the EC orders issued to different industries, stipulating that green belt shall be developed in 33% of plant area.

The representatives of the project proponent attended the meeting. They have requested the Board to prescribe only 33% area as greenbelt for the unit and for utilizing the existing greenbelt area located at Nagarjuna Road, Kakinada, East Godavari District for establishment of new projects based on the following grounds:

- As per existing general guidelines of MoEF for Red Category, MAH Industries which prescribes that 33% of land to be maintained as green belt the same norms should be made applicable to M/s. NFCL, Vakalapudi, Kakinada, East Godavari District.
- The MoEF had issued Environmental Clearance to M/s. NFCL on 18.12.2012 with a special condition at Sl. No. XXII that "Green belt shall be developed in 33% of plant area. Selection of plant species shall be as per CPCB guidelines".
- In respect of other new upcoming fertilizer projects also, it has been specifically mentioned that 33% of the total extent of land utilized for the project be left out for the green belt.

After detailed discussions, the Committee recommended to obtain the Legal opinion on the above issues and to place before the Committee for taking a decision.

GENERAL:

1. Usage of Pet coke as fuel:

The Limestone present in the Cement Kiln absorbs the Sulphur-di-oxide and resultant emissions do not contain Sulphur compound. Hence, the Board issued permissions to few Cement industries to use Pet coke as fuel in the Cement Kiln based on this fact.

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 CFOs to the industries to use Pet coke as fuel shall be issued after receipt of Government orders declaring Pet coke as permitted fuel.



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2. Green belt developed in the Pharmacy:

A letter to be addressed to M/s. Ramky Pharma City India Limited, Visakhapatnam with regard to development of green belt in the Pharmacy. The management of M/s. Ramky Pharma City India Limited, shall submit the following:

- ❖ The area of the green belt developed by management of Pharmacy, out of the total area of Pharmacy.
- ❖ The remaining area of the green belt to be developed by the individual industries to achieve 33% of green belt in the total area of Pharmacy.



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