

**State Environment Impact Assessment Authority,  
2<sup>nd</sup> Floor, Beltron Bhawan, Shastri Nagar, Jawhar Lal Nehru Marg, Patna- 800023**

Ref. No.

48

Date, 15<sup>th</sup> April, 2012

To,

Mr. Anil Kumar Sinha,  
M/s Mahabir Carbon,  
39, Barauni Industrial Area,  
Begusarai- 851122



Sub:- Environmental Clearance for the proposed Calcined Petroleum Coke.

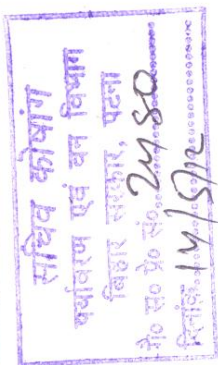
Sir,

This has reference to your application No.-117 dated 17/11/2011 and subsequent communications for Environmental Clearance for the proposed Calcined Petroleum Coke at Industrial Area Barauni, Begusarai.

The proposal has been examined and processed in accordance with the EIA Notification of 2006. It is noted that the proposed proposal is setting up of Calcined Petroleum Coke at 39, Barauni Industrial Area, Begusarai.

It is also noted that the salient features of the project for which Environmental Clearance has been considered are as follows.

1. Name of the Project: Calcined Petroleum Coke project
2. Project Location: 25°26'23"N, 86°03'.31"E  
Barauni Industrial Area: Village-Milky Zameera: 39P, 6P, 7P, 8P & 9P/551  
District: Begusarai (Bihar)
3. Land Area: Command Area – 0.38 Acres, leased area 0.38 Acres
4. Water Requirement : 2 KLD for human consumption
5. Power Requirement : 75 KVA from Bihar State Electricity Board
6. Raw materials: Raw Petroleum Coke (CPC) from nearby Indian Oil Corporation, Barauni
7. Product & Production Capacity: Calcined Petroleum Coke (CPC): 700 MT/month  
: Dehydrated Raw Petroleum Coke: 250 MT/month  
: Classified Raw Petroleum Coke: 250 MT/month



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8. Emission Sources: Emission of particulate matter from vertical shaft kiln, stack and fugitive dust emission from different transfer points during material handling.
9. Total Cost of the Project: 1.175 crores.

State Level Environment Impact Assessment Authority (SEIAA) examined the proposal and also perused the recommendations of the State Level Expert Appraisal Committee (SEAC). After due consideration of the project proposal and after considering the recommendations of SEAC, the State Level Impact Assessment Authority accords Environmental Clearance to the project as per the EIA Notification S.O. 1533 (E) dated 14<sup>th</sup> September, 2006 of the Ministry of Environment & Forests, Govt of India subject to strict compliance of terms and conditions as mentioned below.

Conditions for Environmental clearance for the proposed.

- **SPECIFIC CONDITIONS:**

1. The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. The emission level should not exceed the prescribed limit.
2. The stack emission from kiln shall not exceed the CPCB norms and crushing section shall be under closed shed.
3. Regular monitoring of the air quality shall be carried out in the plant and record shall be maintained for verification by SPCB.
4. Regular water sprinkling should be done on the roads inside the plant and other high dust potential areas.
5. Groundwater shall not be abstracted without prior permission of competent authority i.e. Central Ground Water Board.
6. No effluent shall be discharged – Zero discharge should be maintained. Cooling water shall be recycled in the process.
7. All transfer points in material flow routes shall be provided with suction device hood and dedusting system to take care of fugitive dusts.
8. Solid waste viz. dust generated shall be properly recycled and reutilized in the process.
9. Transportation of Raw Petroleum Coke to the Plant should be brought through covered trucks to storage yard without air pollution at transfer points.
10. Generators, if any, must be housed in acoustic enclosure and should meet the CPCB norms.
11. Occupational Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.



12. Adequate measures to be adopted to ensure industrial safety. Provide fire fighting system in the plant area as per factory Act/Rules.
13. All internal roads should be concrete/ pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movements.
14. Green belt shall be developed within and around the plant premises for around 33% of leased area. Selection of appropriate species for the plantation programme may be done in consultation with the Environment & Forest Deptt., Bihar.
15. Ambient noise level should not exceed the permissible limit. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silence, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) (daytime) and 65 dB(A) (nighttime)
16. Stack height of the D.G. set shall be as prescribed by CPCB.

- **GENERAL CONDITIONS:**

- A. The Project proponent shall comply with all the environment protection measures and safeguards recommended.
- B. All the conditions, liabilities and legal provisions contained in the EC shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
- C. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits.
- D. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authority will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
- E. No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority.
- F. The Bihar State Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to the BSPCB

regularly. A complete set of all the documents should also be forwarded to the State Environmental Impact Assessment Authority.

- G. In the case of any change(s) in the scope of the Project, the project would require a fresh appraisal by the SEIAA.
- H. The State Level Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1989, to ensure effective implementation of the suggested safeguard measures in a time-bound satisfactory manner.
- I. The Project Proponent should inform the public that the project has been accorded environmental clearance by the SEIAA and copies of the clearance letter are available with the SEIAA Secretariat and may also be seen at Website. This should be advertised by the project proponent within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- J. Prior Consent-to-Establish (NOC) for the proposed project must be obtained from BSPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.
- K. The environmental clearance accorded shall be valid for a period of 5 years for the proposed project. The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1989, the Hazardous Wastes (Management and Handling) Rules, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification, 2006 and their amendments.

Yours faithfully,

Sd/-

(S.K. Karn)  
Member Secretary,  
SEIAA, Bihar

Memo No. :-

48

Patna, 10-5-2012

Copy forwarded to : The Principal Secretary, Environment & Forests Department, Vikash Bhawan, Patna/  
The Chairman, Bihar State Pollution Control Board, Beltron Bhawan, IInd Floor, LBS Nagar, Jawahar Lal  
Nehru Marg, Shastrinagar, Patna- 800023/Chairman, SEAC, Bihar/Chairman, Central Pollution Control  
Board, Parivesh Bhawan, East Arjun Nagar, Delhi-23/ Chief Conservator of Forest (C), Ministry of  
Environment & Forests, Regional Office (EZ), A/3, Chandrasekharapur, P.O. Rail Vihar, Bhubaneswar -  
751023/, Advisor (EIA), Paryavaran Bhawan, Ministry of Environment & Forests, CGO Complex, Lodhi  
Road, New Delhi- 110003/ Gurad File.



(S.K. Karn)

Member Secretary

SEIAA, Bihar