

**F. No. J-11011/288/2011- IA II (I)**  
**Government of India**  
**Ministry of Environment, Forests and Climate Change**  
**(I.A. Division)**

**Indira Paryavaran Bhawan**  
**Aliganj, Jorbagh Road**  
**New Delhi – 110 003**

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**Telefax : 011: 24695401**  
**dated: 3<sup>rd</sup> February, 2015**

To,

The Unit Head  
M/s SKI Carbon Black (India) Pvt. Ltd.  
Hi-Tech Carbon  
(A Unit of Aditya Birla Nuvo Ltd.)  
Village Lohop, Talava Patalganga,  
Taluka Khalapur, District Raigarh  
Maharashtra

**E-mail : [vinay.bhalerao@adityabirla.com](mailto:vinay.bhalerao@adityabirla.com); [htcmum@adityabirla.com](mailto:htcmum@adityabirla.com)**

**Subject: Carbon Black Plant (1,20,000 TPA) at Patalganga, District Raigad, Maharashtra  
by SKI Carbon Black (India) Pvt. Ltd. ( Formerly known as M/s Hi-Tech Carbon)  
– Amendment in Environmental Clearance reg.**

**Ref. : (i) Ministry's letter no. J-11011/35/2007-IA II (I) dated 22<sup>nd</sup> March, 2013.  
(ii) Your letter no. nil dated 3<sup>rd</sup> September, 2014.**

Sir,

This is in continuation of this Ministry's letter referred above and your letter under reference, wherein it is requested to give permission for installation of one standby reactor of 80 TPD, decanter system including 1 No. 4000 KL oil storage tank and Natural gas conveying system. It was noted that unit has installed 3 reactors which put together can produce 7000 tonnes per month of carbon black. The reactors need periodic maintenance for various reasons like wear and tear of refractory, Calibration and turning control for implementation, raw material/fuel injection piping /nozzles etc. which results in idling of capacity. In order to overcome the above problem, the unit proposes to install a fourth reactor as standby which will be put to use if any of the existing reactors is shut down for maintenance. In any operating scenario of current manufacturing stream, unit will be running only 3 reactors out of the 4 reactors and one reactor will always be either standby or under maintenance. The installation of the 4<sup>th</sup> reactor will not result in any increase in the approved capacity of 1,20,000 tonnes per annum. Following additional facilities to be created without adding any capacity:

- a). Installation of Decanter System: At present, unit is using imported feedstock oil which adds to import burden. The problem of imports can be mitigated to a great extent if they try and use indigenously available alternative feedstock oil which needs to be centrifuged for removing impurities and water to make it fit for use as raw materials in



the reactors. The decanter system also include 1 no. 4000 KL oil storage tank which will be used for storage of centrifuged oil.

- b). Natural Gas Conveying System: Liquid fuels are burnt in reactor for raising the temperature of combustion zone before the feedstock oil is entered for thermal cracking. Since liquid fuels are less cleaner and less environmental friendly, they propose to set up a system to use Natural Gas in the reactors as fuel. Use of natural gas will replace the liquid fuel usage and help reduce the emission levels in the environment.

2.0 The proposal was considered by the Reconstituted Expert Appraisal Committee (Industry) in its 24<sup>th</sup> meeting held during 29<sup>th</sup> -30<sup>th</sup> September, 2014 and the Committee recommended the proposal for amendment in environmental clearance.

3.0 The Ministry accepts the recommendation of the Expert Appraisal Committee (Industry) for amendment in the existing environmental clearance subject to compliance of specific conditions and general conditions.

4.0 Manufacturing capacity of plant and sulfur content in the feed stock shall remain the same.

5.0 All other conditions will remain unchanged.

6.0 You are requested to keep this letter with the Environmental Clearance accorded vide letter No. J-11011/35/2007-IA II (I) dated 22nd March, 2013.

7.0 In future, in case of change in the scope of the project, the company shall obtain fresh environmental clearance.

8.0 This issues with the prior approval of the Competent Authority.



(Lalit Bokolia)  
Additional Director

**Copy to:-**

- 1.0 The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
- 2.0 The Chief Conservator of Forests (Central), Kendriya Paryavaran Bhavan, Link Road No.3, Bhopal-462016.
- 3.0 The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
- 4.0 The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022.
- 5.0 Monitoring Cell, Ministry of Environment , Forests and Climate Change Indira Paryavaran Bhavan, Jor Bagh, New Delhi.
- 6.0 Guard File/Monitoring File/Record File.



(Lalit Bokolia)  
Additional Director