

CURRENT STATUS OF WORK

Status of construction : Construction is complete

Date of commencement : Not applicable

(Actual and/or planned)

Date of completion : Not Applicable

(Actual and/of planned)

: PART B:

POINT-WISE COMPLIANCE STATUS

Point-Wise Compliance Status to Various Stipulations Laid Down by the Ministry of Environment and Forests in its Clearance Letter No. J-11011/35/2007-IA.II (T) dated 22.03.2013 as follows.

Sr. No	Condition	Status
	Specific Conditions-	
1	Permission and recommendations of the State Forest Department regarding impact of the proposed plant on the reserve forests located near to 4 nos. of reserve forests shall be obtained and recommendations shall be implemented satisfactorily. Copy of permission shall be submitted to the respective Regional Office.	Permission obtained. Copy submitted to regional office
2	As proposed, vent scrubber in the reactor area, main bag filter in the product separation area, process bag filter in the pelletising area, purge gas filter in the product drying area, dryer combustor in the dryer area and packing exhaust filter in the packing area shall be provided to control air emissions	All proposed equipments in respective area provided
3	The gaseous emissions (SO ₂ , NO _x , CO and HC) and particulate matter from existing and proposed boiler, dryer, purge gas filter, packing exhaust filter units shall conform to the norms prescribed by the Central Pollution Control Board (CPCB)/Maharashtra Pollution Control Board (MPCB) from time to time. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack emissions shall be monitored regularly	Noted. Regular monitoring is done by MoEF Approved laboratory Annexure - 5
4	Continuous stack monitoring of stacks for SO ₂ , NO _x and CO and recording facilities shall be installed along with interlocking facilities. As proposed, particulate matter shall be monitored in the stack manually. Data for particulate matter, SO ₂ , NO and CO shall be displayed on web as well as outside the premises at prominent place for public viewing.	Noted. Online monitoring of SO ₂ and NO _x are installed. Online CO monitoring and Environment data display on website started from October 2013

5	As proposed, this being an existing plant Sulphur content in the feed stock i.e. Carbon Black Feed Stock (CBFS) shall not exceed 2.5% at any time	Same is ensured
6	Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826(E) dated 16th September, 2009.	Complied. Reports attached for reference Annexure -5
7	Poly-Aromatic Hydrocarbon (PAH) shall be monitored in fugitive dust emission area particularly in Packaging Plant. Data shall be properly monitored, recorded, and submitted to the Ministry's Regional Office at Bhopal.	PAH monitored from the packing plant and reports attached vide Annexure -5
8	Industrial exhaust and proper ventilation shall be provided in packaging plant area	Provided
9	The levels of PM ₁₀ , SO ₂ , NO _x , CO and HC (Non-methane) shall be monitored in the ambient air. Data of stack monitoring and ambient air shall be displayed on web as well as outside the premises at prominent place for public viewing. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and MPCB.	Noted. Online monitoring of SO ₂ and NO _x are installed. Online CO monitoring work will be over by February 2014, and Environment data display on website work is completed and data display on company website started from October'2013. Annexure: for data monitoring of levels of PM ₁₀ , SO ₂ , NO _x , CO and HC (Non-methane) in the ambient air is enclosed vide Annexure -5
10	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits stipulated by the MPCB.	All processes are in closed handling and DCS controlled. To control dust emissions, Dust collection system in Product Packing area is being further strengthened Regular monitoring of the ambient air quality, Soil, Noise and Water Samples is being carried out. And the report of the same submitted to SPCB on monthly basis Please refer Annexure -5 Unloading area handles Liquid raw Material. The area is fully concreted. There is an oil skimmer to collect Liquid spillages, if any. The product area has got cleaning facilities. MPCB limits are complied.

11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	Acoustic enclosure provided for the DG. As per CPCB standard, its stack height is 30 mtr.
12	Total fresh water requirement from Patalganga River shall not exceed 4000 m ³ /day. No ground water shall be used. Steps should also be identified to conserve water and measures adopted for minimizing the same.	No water extracted from the ground and also we complied the rain water harvesting project to conserve the rain water please refer Annexure – 02 Studies are underway to assess the feasibility of collecting Hill side water.
13	Effluent generated shall be treated in the ETP comprising RO and rejects shall be concentrated in MEE. Permeate from RO and condensate shall be recycled / reused in the cooling tower make up water. Oil water stream shall be treated in Oil water separator. Sewage shall be treated in sewage treatment plant (STP) and treated wastewater shall be used for cooling water make up. Treated effluent shall be recycled / reused within the factory premises. Treated effluent quality shall be monitored regularly and conform to the norms prescribed by the CPCB/MPCB from time to time.	Treated effluent quality is checked on regular basis reports attached vide Annexure -5
14	No treated process effluent shall be discharged outside the premises and Zero discharge shall be ensured.	No effluent discharged outside our premises. Zero discharge ensured.
15	Process effluent/any wastewater shall not be allowed to mix with the storm water. Storm water drain shall be passed through guard pond	Guard pond provided
16	All the solid/hazardous waste including ETP sludge and waste oil shall properly stored at the site as per CPCB guideline. Fine carbon particles generated as solid waste shall be sold to industries for manufacturing low grade rubber goods. MEE sludge shall be sent to TSDF. Oily waste from oil removal tank shall be mixed along with carbon black feed stock and burnt in the furnace.	Separate covered Hazardous waste storage facility is provided within the factory premises
17	Proper and valid authorization and membership shall be obtained from the concerned authorities for the management of solid/hazardous waste and a copy submitted to the Ministry's Regional Office at Bhopal	Authorization and membership obtained (MWML) Annexure-8

18	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Noted.
19	Proper housekeeping shall be maintained and no spillage of Carbon Black shall be permitted. Preventive measures shall be taken to avoid and prevent any accidental release of Carbon Black to the environment.	Good Housekeeping Practices within our factory premises are followed. Preventive measures to avoid Carbon spillage are implemented
20	The company shall undertake following waste minimization measures :- a. Metering and control of quantities of active ingredients to minimize waste b. Reuse of by products from the process as raw materials or as raw material substitutes in other processes c. Use of automatic filling to minimize spillage d. Use of Close feed system into batch reactor e. Use of high pressure hoses for equipment cleaning to reduce waste water generation	a. Followed b. Bye products are used a raw materials for other process c. Automatic filling is used in for finished product Packing d. Close Feed system is used for feeding raw material and other materials into the process e. High pressure hoses are used for cleaning.
21	A proper occupational health monitoring system should be implemented for all personnel / workers in the plant / laboratory and other areas which may have an impact on their health.	Pre employment medical examination as well as routine periodic medical examination is in practice
22	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the OISD 117 norms.	Noted. Fire fighting system is in place as applicable to our industry. A pressurized network and also a set of Dry fire extinguishers are in place.
23	All the workers involved in packing of Carbon Black in Packaging Plant area shall use (PPE) and masks to avoid direct exposure to Carbon Black dust.	Good quality PPE'S provided in packing area
24	All the workers shall be regularly monitored for occupational health for relevant parameters pertaining to industry specific and records maintained.	Periodically medical checkup for workers is in practice and records are maintained.
25	Proper energy conservation measures shall be adopted and a report submitted to the Ministry and its Regional Office at Bhopal.	Energy conservation measures adopted in year 2012-2013 send to Regional office MoEF Bhopal on 19.04.2013

26	As proposed, green belt shall be developed in 21.5 acres out of 65 acres of total land Selection of plant species shall be as per the CPCB guidelines.	We are having the green belt development programme, find the attachment as per Annexure – 4 We shall further extend our green belt on available open area
27	All the recommendations/standards mentioned in the CPCB guidelines for the Carbon Black manufacturers shall be implemented.	Noted and Complied
28	Company shall prepare Corporate Environment Policy as per the Ministry's G.M. No. J-11013/41/2006-IAII(I) dated 26 th April, 2011 within one month from date of issue of letter and submitted to the Ministry's Regional Office.	Corporate Environment Policy prepared and send to Regional office MoEF Bhopal on 19.04.2013
29	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	Noted & Complied during project stage
	General Conditions-	
30	The project authorities shall strictly adhere to the stipulations made by the Maharashtra Pollution Control Board.	Same is adhered
31	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Noted
32	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Four Ambient Air Quality monitoring stations are installed

33	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, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	DG Sets are provided with acoustic enclosure as well as steam vents of power plant is having provision of silencers to reduce the noise. Noise levels are continuously monitored. Monitoring reports attached vide Annexure :5
34	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Complied rain water harvesting project details attached for your reference vide Annexure : 2
35	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	EHS Trainings are regular practice in the plant
36	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Noted
37	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	CSR activities are going on in near by villages,
38	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Eco-developmental and community welfare measures are taken under CSR Programme
39	A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Noted. In-house, we have partial capacity for monitoring environment data Other environmental data are taken through an MoEF approved Lab.

40	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Find the Enclosure 1,-Part 3
41	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	EC Copies to all local bodies are submitted
42	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and MPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Status reports being submitted regularly and Report display on website is made available.
43	The environmental statement for each financial year ending 31 st March in Form V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment Protection Rules,1986 as amended subsequently shall also be put on the website of the company along with the status of compliance of environment clearance conditions and shall also be sent to the respective Regional Offices of MOEF by email.	Complied and Form V displayed on Website
44	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://envfor.nic.in This shall be advertised 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 and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied, Public notice has been published in Marathi in Krushival and Sakal daily on 30/03/2013 intimating about the Environmental Clearance issued for the project by MoEF. For this please refer Annexure- 6.

45	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Construction phase of the Project is completed
----	--	--