

M/S Mangalam Cement Ltd.

Clinker Grinding Unit

Aligarh

Name of the Project :- Cement Grinding Unit Capacity 1.25 MTPA OPC and 1.99 MTPA PPC and DG based Power Plant (5.4MW X 2)		Project Code :-
Clearance Letter No. : - 997/Parya/SEAC/1134/2013/OSD(T) dt. 07.08.2014		
Month of Compliance Report :- April - 2016 to September - 2016		
S.No.	Consent Conditions	Compliance Report
General Conditions		
1.	The project authorities must strictly adhere to the stipulation made by the Uttar Pradesh State Pollution Control Board and the State Government.	We are following guidelines of UPSPCB and the State Government.
2.	No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA. UP.	In case of any addition / modification / alteration or change in existing plant, the separate permission will be taken by SEIAA, Ministry of Environment and Forest.
3.	The gaseous emission from various process units shall conform to the load/ mass based standards notified by this Ministry on 19 th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	We are following prescribed Standards.
4.	At least four ambient air quality monitoring stations should be established in the relevant directions as well as where maximum ground level concentration of PM2.5, SO2 and NOX are anticipated in consultation with the SPCB, Data on ambient air quality and stack emission shall be regularly submitted to UPPCB/ CPCB and Regional Office, of MoEF at Lucknow once in six months.	Ambient air qualities – monitoring stations has been decided at the periphery of our factory premises for the monitoring of ambient air quality. The locations of these stations have been decided in consultation with RO Aligarh. Ambient air quality and stack emissions data is being submitting to the Regional office at Lucknow and SEIAA, MOEF once in six months.
5.	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended form time to time. The treated waste water shall be utilized for plantation purpose.	No Industrial waste water is generated from the plant process.
6.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 EPA Rules, 1989 viz 75 dBA (daytime) and 70 dBA (night times).	Noise is being checked on regularly basis as per standard.

7.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	Occupational health check-up of the workers has been done on regular basis as per the factories act& record be kept.
8.	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	We have developed rainwater harvesting system at our plant buildings.
9.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP report. Further, the company must undertake socioeconomic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	We have implemented all the environmental protection measures & safeguards as recommended in EIA / EMP Reports. Socioeconomic developmental activities in surrounding villages this condition as per Enterprise Social Commitment scheme. During the period from April-16 to Sept-16 incurred environmental expenditure Rs. 42.06 Lacs.
10.	As proposed, budget shall be earmarked towards capital cost and recurring cost/ annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of MoEF at Lucknow. The funds so provided shall not be diverted for any other purpose.	We agree the condition. Compliance report is being sent to the all authorities regularly.
11.	A copy of clearance letter shall be sent by the 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. The clearance letter shall also be put on the web site of the company by the proponent.	We have put the clearance letter on the website of the company.
12.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB. The criteria pollutant levels namely: PM10, PM2.5, SO2, NOX (ambient level as well as stack emissions) for the projects shall be monitored and displayed at convenient locations near the main gate of the company in the public domain.	Six monthly EC compliance report is being uploaded on our website & same report is being send to the Regional Office of the MoEF at Lucknow, CPCB and UPPCB.
13.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF, CPCB and UPPCB. The Regional office of MoEF at Lucknow/CPCB/SPCB shall monitor the stipulated conditions.	Hard & soft copy of six monthly EC compliance report is being sent to Regional Office of MoEF, CPCB and UPPCB on regular basis.
14.	The environmental statement for each financial year ending 31 st March in form-V as is mandated to be submitted by the project proponent to be concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the websites of the	Environmental Statement will be submitted before 30 th September in every year and same data available at web site and one copy being sent by e-mail to the Regional office of the MoEF at Lucknow.

	company along with the status of compliance of environmental conditions and shall also be sent to the Regional office of the MoEF at Lucknow.	
15.	The project proponent shall inform the public that the project has been accorded Environmental Clearance by the SEIAAUP and copies of the clearance letter are available with the SPCB and may also be seen at website of the SEIAAUP at seiaaup.com. 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 should be forwarded to the Regional office at Lucknow.	We had advertised information of Environmental clearance letter in two local newspapers in local language of the locality concerned and same copy sent to the UPPCB and the Regional office at Lucknow.
16.	Project authorities shall inform the Regional Office of MoEF, Lucknow as well as the SEIAA the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	We are submitting monthly plant progress report regularly.
	Specific Conditions	
1.	Continuous Ambient Air Quality Monitoring Station to monitor the concerned parameters shall be installed in the predominant wind direction immediately after the plant is in operation.	We shall be installed Continuous Ambient Air Quality Monitoring Station to monitor the concerned parameters.
2.	Particulate emissions shall be controlled within 50 mg/Nm ³ by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data on ambient air, fugitive and stack emission shall be submitted to the MoEF Regional Office at Lucknow, SPCB and CPCB regularly.	Bag filters and stack of adequate height has been installed. Results of ambient air, fugitive and stack emission monitoring is attached as Annexure-I
3.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16 th November, 2009 should be followed.	We are following National Ambient Air Quality Standard issued by Ministry of Environmental and Forest.
4.	Gaseous emission levels including secondary fugitive emission from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/ code of practice issued by the CPCB should be followed.	We are following guidelines / code of practice issued by the CPCB.
5.	The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points, raw meal handling (unloading, conveying, transporting, stacking), vehicular movement, bagging and packing areas etc. All the raw material stock piles should be covered. A closed clinker stockpiles system shall be provided. Conveyers should be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials shall be provided besides cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	Bag filters has been installed at all transfer points, raw material handling for control fugitive dust emissions and regularly spraying water at plant roads, hoppers and raw material storage areas for control fugitive emission by vehicular movements. All raw material Storage and belt conveyors have been covered by GI sheets. Cement is stored in silos. Fly ash is being stored in silos and pneumatic system is available for fly ash handling.
6.	Asphalting/ concreting of roads and water spray all around the stockyard and loading/ unloading areas in the cement plant shall be carried out to control fugitive emissions. Regular water sprinkling shall be carried out in	Asphalting/ concreting roads and floors have been provided in the plant & water sprinkling is being done to control fugitive emission & improve

	critical areas prone to air pollutions and having high levels of PM such as haul road, loading and unloading points, transfer points and other vulnerable areas. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	the ambient air quality. Ambient air quality monitoring results are within prescribed norms. Result of AAQM is attached as Annexure-II
7.	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emissions should be regularly monitored.	All raw materials are being stored in covered yard. Fly ash is being transported in closed containers. Water spray system has been available to control vehicular emissions and monitored regularly.
8.	Total ground water requirement for the cement plant shall not exceed 170/day and necessary permission for the drawl of water shall be obtained from the Competent Authority. All the treated wastewater should be recycled and reused in the process and / or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and “zero” discharge should be adopted.	Water consumption is with the 170 KL/day. For drawl of ground water, permission from CGWA has been obtained. No waste water is being generated from plant process.
9.	Rain water harvesting measures shall be adopted. The company must also harvest the rain water from the roof tops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Rain water harvested, capacity of reservoir is sufficient to meet the water requirement.
10.	All the bag filter dust, raw meal dust, clinker dust and cement dust from pollution devices should be recycled and reused in the process used for cement manufacturing. Spent oil and batteries should be sold to authorized recyclers/ re-processors only.	All the dust collected in the pollution control devices is being recycled/ reused in the plant process for cement manufacturing. We are following guideline given by Pollution Control Board.
11.	Green belt shall be developed in at least 33% of project area in and around the cement plant as per the CPCB guidelines to mitigate the effects of air emissions in consultation with local DFO. Layout plan showing greenbelt should be submitted within three month. Green belt shall be distributed uniformly all around the main plant particularly in the predominant wind direction.	We are developing 33 % green belt area in & around of our cement plant, as per the CPCB guidelines till 30.09.2016 no's of plantation 4256 sapling has planted in our plant.
12.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile, toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures and to be removed after the completion of the project.	We have provided temporary housing for construction labour within the site with all necessary infrastructure and facilities. The housing facility the will be removed after the completion of the project.
13.	All the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the cement plants shall be implemented.	We are following all the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the cement plants.
14.	Environmental Corporate Responsibility (ECR) plan along with budgetary provision amounting to 2% of total profit shall be submitted (with in the month) on need base assessment study in the study area. Income generating measures which can help in upliftment of weaker section of society consistent with the traditional skills of the people identified. The programme can include activities	We agree the condition; we are following ECR plan.

	such as old age homes, rain water harvesting provisions in nearby areas, development of fodder farm, fruit bearing orchards, vocational training etc. In addition, vocational training for individuals shall be imparted so that poor section of society can take up self-employment and jobs. Separate budget for community development activities and income generating programmers shall be specified.	
15.	Post project monitoring for air, water (surface+ ground), stack noise of D.G. sets, STP to be carried out as CPCB Guidelines. Walls of appropriate heights shall be provided in the raw material and the product handling sections.	We are following CPCB guidelines. Monitoring has been carried out. Reports are enclosed is attached as Annexure-III.
16.	Corporate Responsibility for Environmental Protection (CREP) guidelines for cement industries should be followed.	We are following all the recommendations made in the Chapter on Corporate Responsibility for Environment Protection (CREP) for the cement plants.
17.	All storm water drain and conveyor belts should be covered. Walls of appropriate heights shall be provided in the raw material and the product handling sections.	Covered all storm water drain and conveyor belts. We provided appropriate heights of walls in the raw material and the product handling sections.
18.	Any litigation pending in the Courts of Law it shall be binding on project proponent.	Point noted & abide with.
19.	Parking facility should be provided with in the project premises.	We have provided parking facility in the project premises.
20.	Green belt should be developed as per CPCB norms. 50% Evergreen Tree (that remains green for most part of the year and sheds leave slowly throughout the year having height more than 2.0 m, with a well distinguished trunk) should be part of the green belt. Green belt should be developed in a strip of 10 meters with in the boundary of its premises and along both sides of the internal roads.	We are following guideline of CPCB.
21.	The minimum height of plantation of sapling should be 3.6 m at the time of occupancy.	We are following guideline of CPCB.
22.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.	Point noted & agreed.
23.	A comprehensive EIA report shall be prepared and submitted based on six month data immediately after the plant is in operation.	We agree the condition.
24.	Walls of appropriate heights shall be provided in the raw material and the product handling sections.	We have provided the appropriate heights of walls in the raw material and the product handling sections.