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Date: 26-05-2016

To,

The Member Secretary
SEIAA, Assam
Bamunimaidam, Guwahati-781021

SUB.: Cement Grinding Unit (300 TPD OPC/PPC) at Dag no. 12, 15 & 17 of Patta No. 201 at Village- Sila, Laxmi Nagar, Changsari Mouza- Sila Sinduri Gupha of kamrup (R) District, Assam.

REF.: ENVIRONMENTAL CLEARANCE LETTER F.No. SEIAA/165/2014/EC/22, Dated 2nd March 2015.

Dear Sir,

With reference to the Environmental Clearance obtained from SEIAA, Assam we are hereby enclosing the six monthly Compliance Report for the period October'2015 to March'2016 of Environmental Clearance issued to us.

I hope that you will find it in order and do the needful.

Thanking You.

Yours faithfully,

For M/s. Joyshree Cement Industries

Joyshree Cement Industries

Deepak Nayak

(Partner)

Partner

Copy to:

**The Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest & Climate Change,
North Eastern Regional Office
Law-U-Sib, Lumbatngen
Near MTC Workshop, Shillong-793021**

JOYSHREE CEMENT INDUSTRIES

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COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE
FOR THE PERIOD OF OCTOBER-2015 TO MARCH-2016

Name of The Company : M/s Joyshree Cement Industries

Project : Cement Grinding Unit (300 TPD OPC/PPC) at Dag no. 12, 15 & 17 of Patta No. 201 at Village- Sila, Laxmi Nagar, Changsari Mouza- Sila Sinduri Gupha of kamrup (R) District, Assam.

Environmental Clearance Letter : F. No. SEIAA/165/2014/EC/22, Dated 2nd March 2015.

A - SPECIFIC CONDITIONS

SN.	EC CONDITIONS	COMPLIANCE STATUS
1.	Consent to Establish shall be obtained from Pollution Control Board, Assam and copy of the same shall be submitted to SEIAA, Assam.	Consent to establish is obtained from Pollution Control Board, Assam vide letter no. WB/GUW/T-2899/15-16/110/324 dtd 8/6/2015 And the same copy was submitted to SEIAA, Assam in our previous Compliance report for the period April'15 to Sept'15.
2.	Cement grinding shall be carried out in closed cement mill and stack emission from various sources shall not exceed 50mg/Nm ³ . As proposed, cyclone separators followed by reverse pulse jet type bag filters shall be provided alongwith stacks of adequate height as per the CPCB guidelines to control gaseous emission below 50mg/Nm ³ . Stack of adequate height shall also be provided to DG sets.	-Pulse Jet type Bag filter installed at grinding section to restrict Stack emission within prescribed limit. At present construction of stack is being done as per CPCB guidelines. Also Stack of DG set height will be constructed as per CPCB norms.
3.	Continuous monitoring system to monitor gaseous emission shall be provided and limit of SPM shall be controlled within 50mg/Nm ³ in the cement plant by installing adequate air pollution control system. Interlocking facility shall be provided in the pollution control equipment so that in the event of failure of APCDs, the respective process unit (s) is shut down automatically.	We have installed Pulse Jet Bag filter to control air pollution in following areas: -Cement mill -Feeding Section -Packing unit. Interlocking facility is provided.
4.	Ambient air quality monitoring stations (AAQMS) shall be set up as per statutory requirement in consultation with the SEIAA, Assam or PCB, Assam. Ambient air quality including ambient noise monitoring shall be carried out regularly and must not exceed the standards stipulated under EPA, 1986. Monitoring reports for ambient air, stack and fugitive emissions shall be submitted to the SEIAA, Assam regional office MoEF at shillong and PCB, Assam half yearly. Data on ambient air quality stack emission and	Ambient air quality monitoring locations is set up in consultation with Pollution Control Board Assam vide letter no. WB/LB-81/AMB/09-10/156/267 dtd 12 th May, 2015. Ambient air quality including ambient noise is

SN.	EC CONDITIONS	COMPLIANCE STATUS
	fugitive emission shall be uploaded on the Company's website.	being monitored by Assam Pollution Control Board authorized consultancy firm. Monitoring reports is enclosed as Annexure-I . Monitoring reports for ambient air, stack and fugitive emissions is submitted to the competent authorities. Monitoring data will be uploaded in our company's website i.e www.galaxycement.com
5.	The company shall install adequate dust collection and extraction system to control fugitive dust emission at various transfer points, raw mill handling (unloading, conveying, transporting, stacking). Vehicular movement, bagging and packing areas etc. Crusher shall be operated with high efficiency bag filters. All conveyers shall be covered with GI sheets. Covered sheds for storage of raw materials and fully covered conveyers for transportation of materials shall be provided besides coal, cement, fly ash and clinker shall be stored in silos. Pneumatic system shall be used for fly ash handling.	We have provided the pulse jet type bag filter system to control the fugitive emission. - Covered storage is provided for raw materials. - For coal, cement, fly ash and clinker is stored in silos. - All conveyers are covered with AC sheets.
6.	Dust suppression by regular water sprinkling shall be carried out in cement plant and area prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading points, transfer points and other vulnerable areas to control fugitive emissions. Fugitive emission shall also be controlled by dust suppression. It shall be ensured that the ambient air quality parameters conform to the norms prescribed by the Central Pollution Board in this regard.	-Water sprinkling is being done to mitigate the effect of air pollution and fugitive emission. -We ensure that we spray water around loading/unloading areas and internal road in the plant. Monitoring reports of ambient air quality and fugitive emission report is enclosed as Annexure-I .
7.	Measures shall be taken to prevent impact of particulate emission/ fugitive emission, if any from the proposed plant on the surrounding area.	Appropriate measures like installation of adequate pulse jet type bag filter, sprinkling of water, covered of raw materials in AC sheet etc is being taken to mitigate the impact of particulate/ fugitive emission.
8.	Efforts shall be made to reduce impact of the transfer of the raw materials and end products on the surrounding environment including agriculture land. All the raw materials including fly ash shall be transported in the closed containers only and should not be overloaded. Vehicular emissions shall be regularly monitored and	We have taken all precautions to reduce impact of transport of raw material etc in the surrounding environment. Such as fly ash is transported in closed

SN.	EC CONDITIONS	COMPLIANCE STATUS
	comply the norms.	container and not overloaded. Good condition vehicles having PUC certificate is being used in our plant.
9.	Secondary fugitive emissions 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 shall be followed.	We are controlling fugitive emission from all sources within the guidelines issued by CPCB by using pulse jet type bag filters; water sparkling and adequate sapling will be grown in our plant. Refer Fugitive emission report as enclosed as Annexure-I .
10.	Asphalting/concreting of roads and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM shall be ensured.	Asphalting of roads is under process. Water spray is doing in regular basis to mitigate the effect of air pollution.
11.	The gaseous emissions and particulate matter levels from various process units shall conform to the standards prescribed by the MoEF Govt. Of India from time to time. At no point of time, the emissions shall exceed the prescribed limits. Interlocking system of equipment shall be chosen such that in the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restated until the desired efficiency has been achieved.	The gaseous emissions (SO ₂ , NO _x) & particulate matter always confirm to standards fixed by CPCB and the Ambient Air monitoring report is enclosed as Annexure-I . Interlocking system of equipment is provided.
12.	Total water requirement shall not exceed 3m ³ /day. Water efficient technology like air-cooled condenser to captive power plant shall be provided to conserve water. The treated effluent shall be recycled/ reused in plant related activities i.e cooling, dust suppression and green belt development etc. "Zero" discharge shall be strictly adopted and no effluent shall be discharged from the cement plant, outside the premises to any nearby water body/ river etc.	<ul style="list-style-type: none"> -Total water requirement does not exceed 3m³/day. -Water efficiency technology will be adopted. - Being a Zero discharge unit no wastewater is generated. -Domestic waste water is disposed off in soak pit via septic tank. -No effluent is discharge from the cement plant.
13.	The drawl of 15m ³ /day water from ground water sources shall be allowed.	Agreed with.
14.	Domestic effluent shall be treated in septic pits and soak pit in cement plant. All treated waste water shall be used for gardening/ agricultural purposes and dust suppression. Domestic waste shall be segregated into bio-degradable and non- biodegradable. Bio-degradable waste shall be composted and non- biodegradable waste shall be disposed off in environment-friendly manner or filled at identified sites only after proper treatment.	Domestic waste water is disposed off in soak pit via septic tank. Treated waste water is reused for gardening purpose. Bio-degradable waste is composted and non- biodegradable waste is disposed off in environment-friendly manner.