

**COMPLIANCE REPORT OF  
ENVIRONMENTAL CLEARANCE  
FOR THE PERIOD OF OCTOBER-2017 TO  
MARCH-2018**

**F. No. SEIAA/165/2014/EC/22**

**SUBMITTED BY-**

**M/S JOYSHREE CEMENT INDUSTRIES  
H/N-62, BY LANE- 2, TARUN NAGAR, G.S  
ROAD  
GUWAHATI-781005, ASSAM**

**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 2<sup>nd</sup> 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. The copy of the same was submitted to SEIAA, Assam.
2.	Cement grinding shall be carried out in closed cement mill and stack emission from various sources shall not exceed 50mg/Nm <sup>3</sup> . 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 <sup>3</sup> . 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 i.e 30 mg/Nm <sup>3</sup> . Height of DG Stack is constructed as per CPCB norms. Monitoring reports are enclosed as <b>Annexure-I</b> .
3.	Continuous monitoring system to monitor gaseous emission shall be provided and limit of SPM shall be controlled within 50mg/Nm <sup>3</sup> 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.	Continuous monitoring system is installed and data is transfer to concern authority. We have installed Pulse Jet Bag filter to control air pollution in feeding Section and Packing unit. Interlocking facility is also provided in the pollution control equipment so that event of failure device the process unit is automatically shut down.
4.	Ambient air quality monitoring stations (AAQMS) shall be set up as per statutory requirement is 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 fugitive emission shall be uploaded on the Company's website.	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 <sup>th</sup> May, 2015. Ambient air quality including ambient noise is being monitored by Assam Pollution Control Board authorized consultancy firm. Monitoring reports are enclosed as <b>Annexure-I</b> . Monitoring values are within the norms. Monitoring

		reports for ambient air, stack and fugitive emissions is submitted to the competent authorities. Monitoring data is uploaded in our company's website i.e <a href="http://www.galaxycement.com">www.galaxycement.com</a>
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. Raw materials are stored in the covered area. All the conveyors are underground and covered with AC sheet.
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 in loading and unloading point, transfer point along with internal road in the plant to mitigate the effect of air pollution and fugitive emission. Ambient air quality parameters conform to the CPCB norms. Monitoring reports of ambient air quality and fugitive emission are enclosed as <b>Annexure-I</b> .
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, plantation, covered of raw materials in AC sheet, Bag filter is cleaned, and maintenance of air pollution control equipments etc is being taken to mitigate the impact of particulate emission / 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 comply the norms.	We have taken all the necessary measure to reduce the emission during transportation of raw material and end product. Fly ash is transported in closed vehicle and it is loaded as per its capacity. 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 sprinkling and adequate sapling of plant is grown in our plant. Refer Fugitive