

Received

30.05.16



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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

Office : House No. 62, Bye Lane No. 2, Tarun Nagar, ABC, G. S. Road, Guwahati - 5

Ph. : (0361) 2460020 / 2460021

Works : Laxmi Nagar, Senduri Ghupa, Sila, P.O. Changsari, Kamrup, Assam. Ph : 9435016243 (W)

URL : www.galaxycement.com. Email : joyshreecement.purchase@gmail.com

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.

SN.	EC CONDITIONS	COMPLIANCE STATUS
15.	Regular monitoring of ground water level shall be carried out a network of existing wells. The frequency of monitoring shall be four times a year-pre-monsoon (April/ May), monsoon (August), post-monsoon (November) and winter (January). Data thus collected shall be sent at regular intervals to SEIAA, Assam and Regional Office, MoEF, Shillong and Central Ground Water Board.	Agreed with.
16.	Suitable conservation measures to augment ground water resources in the area shall be planned and implemented in consultation with Central Ground Water Board.	Agreed with.
17.	The project proponent shall take appropriate mitigation measures to prevent pollution of nearby river and other surface water body, if any.	Point is noted.
18.	All the bag filter dust, raw mill dust, coal dust, clinker dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing. Sludge generated during treatment of waste water shall be dried, compressed and used for land filling. Treated sewage shall be used as manure for green belt development. Waste oil, grease and scrapped automobile batteries shall be provided to the authorized recyclers/ reprocessors as per Hazardous wastes (Management, Handling & Transboundary Movement) Rules 2008 and Batteries (Management & Handling) Rules 2001.	<p>-Dust from pollution control devices is recycled and reused in the cement manufacturing process.</p> <p>-Whatever Sludge is generated during treatment is dried, compressed and reused for land filling purpose. Treated sewage is used as manure for green belt development.</p> <p>- Waste oil, grease and scrapped automobile batteries will be sold to the authorized recyclers/ reprocessors as per Hazardous wastes (Management, Handling & Transboundary Movement) Rules 2008 and Batteries (Management & Handling) Rules 2001.</p>
19.	An effort shall be made to use of high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly.	Agreed with
20.	Effort shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Is being complied.
21.	All the fly ash shall be utilized as per Fly Ash Notification, 1999 subsequently amended in 2003. Efforts shall be made to use fly ash maximum in making Pozollona Portland Cement (PPC).	Agreed with.
22.	Rain water collected from the roof top shall be injected into the ground through injection wells to recharge the ground water table.	Will be complied.
23.	As proposed, green belt shall be developed in at least (33%) in project area as per the CPCB guidelines in consultation with local DFO to mitigate the impact of fugitive emissions. A long term action plan for the plantation/ Afforestation/green belt development etc. shall	Application is given to DFO regarding development of green belt inside our plant premises vide our letter no. Nil dtd 25-05-16.Recept

SN.	EC CONDITIONS	COMPLIANCE STATUS
	be prepared and submitted to the SEIAA, Assam and Regional Office of MoEF Shillong.	copy of letter is enclosed as Annexure-II.
24.	The project proponent shall take all precautionary measures during construction & operation phases for conservation and protection of flora & Fauna. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with State Forest and Wildlife Department. Necessary allocation of funds so allocated shall be included in the project cost. Copy of action plan may be submitted to the SEIAA, Assam & Regional office of MoEF Shillong within 3 months from the date of issue of this letter.	Point is noted.
25.	Rehabilitation and Resettlement Plan for the project affected population including tribal as per the policy of the State Govt. Shall be implemented. Compensation paid in any case shall not be less than the norms prescribed under the National Resettlement and Rehabilitation Policy, 2007.	Point is noted.
26.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) shall be implemented.	We are complying all the Safety norms stipulated by Director General, Mine & Safety (DGMS).
27.	Requisite on site & off site emergency plan shall be prepared in consultation with concerned authorities and implemented.	Point is noted.
28.	The project authority should strictly comply the provisions made in Manufacture, Storage & Import of Hazardous Chemicals Rules 1989 as amended and the Public Liability Insurance Act for hazardous chemicals etc.	Point is noted.
29.	Acoustic enclosures shall be provided to control noise whenever necessary. Noise shall also be controlled from cooler fans, compressor house, cement mill and raw mill, cement plant using appropriate noise control measures.	DG sets are having acoustic enclosures to mitigate the noise pollution. Noise generates from cooler fans, compressor house, cement mill and raw mill in cement plant is control by providing acoustic hoods, silencer, enclosures etc. Monitoring reports is enclosed as Annexure-I.
30.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	We have provided housing for construction labour within the site with all necessary infrastructures and it had been removed after completion of project.
31.	Under Corporate Social Responsibility (CSR) sufficient budgetary provision shall be made for health improvement, education, electricity, water and other socio economic up-liftmen in and around the project area.	Under Corporate Social Responsibility scheme (CSR) sufficient budgetary provision is being allocated.

B. GENERAL CONDITIONS

SN.	EC CONDITIONS	COMPLIANCE STATUS
1.	The project authorities must adhere to the stipulations made by State Government of Assam.	Agreed with. We are complying with all the stipulation made by Pollution Control Board, Assam.
2.	No further expansion or modification in the project shall be carried out without prior approval of the SEIAA Assam.	Prior approval of the SEIAA will be taken for further expansion or modification in the project, if any.
3.	At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , PM _{2.5} , SO ₂ and NO _x are anticipated in consultation with the Pollution Control Board. Data of ambient air quality and stack emissions shall be regularly monitored & submitted to the SEIAA, Assam including Regional Office of MoEF at Shillong once in six months.	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. Monitoring reports of ambient air quality is enclosed as Annexure-I . 1 st monitoring report is submitted herewith to competent authorities.
4.	Industrial waste water shall be properly collected and 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 from time to time. The treated waste water shall be utilized for plantation purpose.	Agreed with.
5.	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 Environmental (Protection) Act, 1986 Rues, 1989 viz 75 dBA (day time) and 70dBA (night time).	We have undertaken all the measures like providing acoustic hoods, silencers, enclosures etc. on all sources of noise generation. Ambient noise and DG noise are within limit. Refer monitoring reports enclosed as Annexure-I .
6.	Proper housekeeping and adequate occupational health programs must be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained. The programme must including lung function and sputum analysis test once in six months.	The company has tied up with a doctor for Occupational Health Surveillance programme. Monitoring will be done for the workers & records will be maintained.
7.	The company shall undertake eco- development measures including community welfare measures in the project area.	We will undertake Eco-development measures like:- 1. Organised reforestation and afforestation program in association with

		<p>Forest department.</p> <ol style="list-style-type: none"> 2. Creating social awareness for tree plantation. 3. Distribute sapling to the community people. 4. Planting local species of tree near the factory. 5. Water sprinkling on the near by village road. 6. Construction of near by village road. 7. Celebration of World Environment Day. 8. Awareness program in the community regarding conservation of water. 9. Safe drinking water facility provided in local schools and nearby village.
8.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.	Agreed with.
9.	A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.	We have already availing the service of Assam Pollution Control Board recognized monitoring agency for the routine environmental monitoring services.
10.	The project Authorities shall inform SEIAA, Assam as well as Regional Office, MoEF at Shillong the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work etc.	<p>Date of financial closure is 31st March.</p> <p>Date of land development work on 8th June' 2015 onwards.</p> <p>Date of commencing the production on 3rd Feb' 2016.</p>

SN.	EC CONDITIONS	COMPLIANCE STATUS
11.	The project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA, Assam. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspaper 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 SEIAA, Assam.	We have already complied it. Public notice is published in News Paper "The Eastern Chronicle" dtd. 10 th March/2015 in English and "The Niyomiya Batra" dtd. 10 th March/2015 in Assamese.
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 SEIAA, Assam. The criteria pollutant levels namely: SPM, RSPM(PM10/PM2.5), SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at convenient location near the main gate of the company in the public domain.	Status of the compliance of the stipulated environment clearance condition is uploaded in our website i.e www.galaxycement.com and also sent to the SEIAA, Assam. Monitoring data will be displayed at convenient location near the main gate of our plant.
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 SEIAA, Assam and Regional Office of MoEF, Shillong. The SEIAA, Assam shall monitor the stipulated conditions mentioned in the Environmental Clearance time to time.	Six monthly reports on the status of the compliance of the stipulated environmental conditions and monitoring data is being submitted herewith to the respective SEIAA Assam, Regional Office of MoEF, Shillong.
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 the SEIAA, Assam and Pollution Control Board, Assam 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 environmental conditions and shall also be sent to the SEIAA, Assam & Regional Offices of the MoEF, Shillong by e-mail.	Will be complied.
15.	The SEIAA, Assam or any competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions will be monitored by SEIAA, Assam & the Regional Office of MoEF, Shillong.	Agreed with.
16.	The SEIAA, Assam may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.	Agreed with.
17.	Commitment made in the EIA/EMP report shall be complied.	Will follow the condition.
18.	Any other conditions or alternation in the above conditions will have to be implemented by the project authorities in a time bound manner.	Agreed with.
19.	The above conditions will be enforced, inter-alia under the provisions of the Water (prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Agreed with.

ANNEXURE-I

MONITORING REPORTS

Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 151029_1503057_06A_745

Date: 29/10/2015

Name & Address:

M/s. Joyshree Cement Industries
Vill: Sila, Laxmi Nagar, Changsari,
Mouza: Sila Sinduri Gupha,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq
i)	26/10/15	Near office building	67.3
ii)		Near Main Gate	68.2
iii)		Near Clinker Yard	69.4

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



(Quality Control Manager)

Note: i) The results relate only to the parameters tested.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 151123_1503057_06A_750

Date: 23/11/2015

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near office building	68.0
ii)	18/11/15	Near Main Gate	68.5
iii)		Near Clinker-Yard	69.1

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



(Quality Control Manager)

Note: 1) The results relate only to the parameters tested.
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Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 151225_1503057_06A_754

Date: 25/12/2015

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near office building	67.9
ii)	21/12/15	Near Main Gate	68.1
iii)		Near Clinker Yard	68.8

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



(Quality Control Manager)

Note: i) The results relate only to the parameters listed.
 ii) The test report shall not be reproduced except in full, without the written permission of the client.

Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 160108_1503057_06A_758

Date: 08/01/2016

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near office building	67.1
ii)	05/01/16	Near Main Gate	67.8
iii)		Near Clinker Yard	68.5

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



(Quality Control Manager)

Note: 1. The results relate only to the parameters listed.
 2. This test report shall not be reproduced even in full without the approval of the company.

Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 160204_1503057_06A_762

Date: 04/02/2016

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL. NO	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near office building	67.7
ii)	01/02/16	Near Main Gate	68.5
iii)		Near Clinker Yard	69.2

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



Note: i) The results relate only to the parameters tested.
 ii) The test report shall not be reproduced except in full, without written approval of laboratory.

AMBIENT AIR ANALYSIS REPORT

Rep.No. 160312_1503057_01_769

Date: 12/03/2016

Name & Address:

M/s. Joyshree Cement Industries
Vill: Sila, Laxmi Nagar, Changsari,
Mouza: Sila Sinduri Gupha,
Dist: Kamrup(R), Assam.

Sl. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	NO _x (µg/m ³)	SO ₂ (µg/m ³)
i)		Near Office Building		72.1	35	7.6	4.8
ii)	09/03/16	Near Main Gate	Clear	73.9	36.2	8.1	6
iii)		Near Staff Quarters		69.5	34	6.9	4.5

Remarks: - Parameters are within the permissible limit.

NATIONAL AMBIENT AIR QUALITY STANDARDS

Sl. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	
1	Sulphur Dioxide (SO ₂), µg/m ³	24 hours		80
2	Nitrogen Dioxide (NO ₂), µg/m ³	24 hours		80
3	Particulate (PM ₁₀), µg/m ³	Matter	24 hours	100
4	Particulate (PM _{2.5}), µg/m ³	Matter	24 hours	60

Envision Enviro Technologies North East, Guwahati



The results relate only to the parameters tested.
The test report shall not be reproduced except in full, without written approval of laboratory.

FUGITIVE EMISSION ANALYSIS REPORT

Rep.No.: 160312_1503057_04_770

Date: 12/03/2016

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (PM) ($\mu\text{g}/\text{m}^3$)	Remarks
i)	09/03/16	Near Loading Yard	879	-Water spraying is done to control the fugitive emission. -All materials are stored in closed sheds to mitigate fugitive emission.

Envision Enviro Technologies North East, Guwahati



Notes: The results relate only to the parameters tested.

(i) The test report shall not be reproduced except in full, without written approval of laboratory.

Recognized by Pollution Control Board, Assam

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 160312_1503057_06A_766

Date: 12/03/2016

Name & Address:

M/s. Joyshree Cement Industries
 Vill: Sila, Laxmi Nagar, Changsari,
 Mouza: Sila Sinduri Gupha,
 Dist: Kamrup(R), Assam.

SL NO.	DATE OF SAMPLING	LOCATION / SOURCE	NOISE LEVEL in dB(A)Leq
i)		Near office building	66.9
ii)	09/03/16	Near Main Gate	67.3
iii)		Near Clinker Yard	68.4

Remarks: Noise level are carried out during day time.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Envision Enviro Technologies North East, Guwahati.



(Quality Control Manager)

Note: i) The results relate only to the parameters tested
 ii) This test report shall not be reproduced except in full with the written approval of laboratory

Recognized by Pollution Control Board, Assam.

D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. 160312_1503057_06A_765

Date: 12/03/2016

Name & Address:

M/s. Joyshree Cement Industries
Vill: Sila, Laxmi Nagar, Changsari,
Mouza: Sila Sinduri Gupha,
Dist: Kamrup(R), Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	09/03/16	250 KVA - DG Set	72.0

Remarks: Noise level is carried out during day-time at a distance 1metre from the enclosure surface

DG Set Noise Standards:

Noise limit viz. 75 dB(A) at 1m distance.

Envision Enviro Technologies North East, Guwahati.



Note: The results relate only to the parameters tested.

ii) The test report shall not be reproduced except in full, without written approval of laboratory.

ANNEXURE-II

RECEIPT COPY OF DFO
APPLICATION LETTER
REGARDING GREEN BELT
DEVELOPMENT

Date : 25-05-2016

To,

The Divisional Forest Officer,
Guwahati Wildlife Division,
A.T. Road, Santipur, Ghy- 781009

Sub: - Development of greenbelt reg.

Sir,

As per specific condition no. 23 of the Environmental Clearance letter F. No. SEIAA/165/2014/EC/22, Dated 2nd March, 2015, we need to develop a green belt area in our cement factory premises at Changsari to maintain a pollution free zone. Under the above circumstance, I do hereby solicit your advice to name some species of the plant those are conducive to maintain pollution free air around our complex. An early reply in this regard will be highly appreciated to enable us to develop this green belt in our cement factory premises.

Thanking You,

M/s Joyshree Cement Industries
~~Joyshree Cement Industries~~

Deepak Singh
Partner

(Partner)

