

Recognized by Pollution Control Board, Assam; MSME & An ISO 9001:2015 & OHSAS 18001:2007 Certified Firm

AMBIENT AIR ANALYSIS REPORT

Rep.No. 170919_1503057_01_116

Date: 19/09/2017

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)	14/09/17	Near Office Building	Clear	52.6	37.8	13.7	3.5
ii)		Near Main Gate		57.9	35.1	13.0	4.1
iii)		Near Staff Quarter		54.3	36.2	9.9	4.8

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	Annual	50	
		24 hours		80
2	Nitrogen Dioxide (NO _x), µg/m ³	Annual	40	
		24 hours		80
3	Particulate Matter (PM ₁₀), µg/m ³	Annual	60	
		24 hours		100
4	Particulate Matter (PM _{2.5}), µg/m ³	Annual	40	
		24 hours		60

Envision Enviro Technologies North East, Guwahati



1	Prepared by (Office Executive)	<i>[Signature]</i>
2	Sample collection & analysis by (Sr. Environment Chemist)	<i>Sareh</i>
3	Cross-checked by (Environment Executive)	<i>[Signature]</i>
4	Released by (Quality control Manager)	<i>Chay</i>

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.

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D.G SET NOISE LEVEL MEASUREMENT REPORT

Rep.No. 170919_1503057_06A_117³

Date: 19/09/2017

Name & Address:

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

APRIL/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	03/04/17	250 KVA - DG Set	71.2

Remarks: Noise level is carried out at a distance 1metre from the enclosure surface.
DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

MAY/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	08/05/17	250 KVA - DG Set	70.3

Remarks: Noise level is carried out at a distance 1metre from the enclosure surface.
DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

JUNE/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	10/06/17	250 KVA - DG Set	69.8

Remarks: Noise level is carried out at a distance 1metre from the enclosure surface.
DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.



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Rep.No. 170919_1503057_06A_117⁵⁾

Date: 19/09/2017

JULY/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	27/07/17	250 KVA - DG Set	72.9

Remarks: Noise level is carried out at a distance 1metre from the enclosure surface.
DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

AUG/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	26/08/17	250 KVA - DG Set	73.5

Remarks: Noise level is carried out at a distance 1metre from the enclosure surface.
DG Set Noise Standards: Noise limit viz. 75 dB(A) at 1m distance.

SEPT/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	14/09/17	250 KVA - DG Set	70.7

Remarks: Noise level is carried out 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

1	PREPARED BY (OFFICE EXECUTIVE)	
2	SAMPLE COLLECTION & ANALYSIS BY (SR. ENVIRONMENT CHEMIST)	
3	CROSS-CHECKED BY (ENVIRONMENT EXECUTIVE)	
4	Released by (Quality control Manager)	

Note: i) The results relate only to the parameters tested.
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AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 170919_1503057_06A_118

Date: 19/09/2017

Name & Address:

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

APRIL/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	03/04/17	Near office building	53.5
ii)		Near Main Gate	63.9
iii)		Near Clinker Yard	67.1

MAY/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	08/05/17	Near office building	57.0
ii)		Near Main Gate	67.8
iii)		Near Clinker Yard	65.3

JUNE/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	10/06/17	Near office building	61.2
ii)		Near Main Gate	70.3
iii)		Near Clinker Yard	68.9

JULY/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	27/07/17	Near office building	64.4
ii)		Near Main Gate	71.5
iii)		Near Clinker Yard	59.9

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Rep.No. 170919_1503057_06A_118

Date: 19/09/2017

AUG/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	26/08/17	Near office building	62.9
ii)		Near Main Gate	66.4
iii)		Near Clinker Yard	63.7

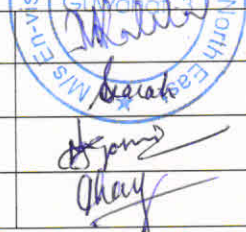
SEPT/17

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	14/09/17	Near office building	60.5
ii)		Near Main Gate	67.0
iii)		Near Clinker Yard	64.8

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

1	PREPARED BY (OFFICE EXECUTIVE)	
2	SAMPLE COLLECTION & ANALYSIS BY (SR. ENVIRONMENT CHEMIST)	
3	CROSS-CHECKED BY (ENVIRONMENT EXECUTIVE)	
4	Released by (Quality control Manager)	

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FUGITIVE EMISSION ANALYSIS REPORT

Rep.No.: 170919_1503057_04_119

Date: 19/09/2017

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)	14/09/17	Near Loading Yard	1050	-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

1	Prepared by (Office Executive)	
2	Sample collection & analysis by (Sr. Environment Chemist)	
3	Cross-checked by (Environment Executive)	
4	Released by (Quality control Manager)	

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STACK ANALYSIS REPORT

Rep.No. 170919_1503057_02_120

Date: 19/09/2017

Name & Address:

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

APRIL/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	03/04/17	Stack attached to DG set 250 KVA	0.13	-Data is within the permissible limit

MAY/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	08/05/17	Stack attached to DG set 250 KVA	0.10	-Data is within the permissible limit

JUNE/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	10/06/17	Stack attached to DG set 250 KVA	0.15	-Data is within the permissible limit

JULY/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	27/07/17	Stack attached to DG set 250 KVA	0.11	-Data is within the permissible limit

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Rep.No. 170919_1503057_02_120³¹

Date: 19/09/2017

AUG/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	26/08/17	Stack attached to DG set 250 KVA	0.13	-Data is within the permissible limit

SEPT/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	
i)	14/09/17	Stack attached to DG set 250 KVA	0.09	-Data is within the permissible limit

Emission Standards for Diesel Engine for generator set :

Engine Power(P)	Parameter	Standards
75KW<P≤800KW	Particulate Matter	0.2 g/kwhr

Envision Enviro Technologies North East, Guwahati



1	Prepared by (Office Executive)	<i>[Signature]</i>
2	Sample collection & analysis by (Sr. Environment Chemist)	<i>[Signature]</i>
3	Cross-checked by (Environment Executive)	<i>[Signature]</i>
4	Released by (Quality control Manager)	<i>[Signature]</i>

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STACK ANALYSIS REPORT

Rep.No.: 170919_1503057_02_121

Date: 19/09/2017

Name & Address:

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Vill: Sila, Laxmi Nagar, Changsari,
Mouza: Sila Sinduri Gupha,
Dist: Kamrup(R), Assam.

APRIL/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	03/04/17	Stack attached to Bag Filter	17.7	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	18.3	

MAY/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	08/05/17	Stack attached to Bag Filter	18.9	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	15.8	

JUNE/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	10/06/17	Stack attached to Bag Filter	15.1	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	20.4	

JULY/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	27/07/17	Stack attached to Bag Filter	16.7	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	21.3	



Rep.No.: 170919_1503057_02_121 ³¹

Date: 19/09/2017

AUG/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	26/08/17	Stack attached to Bag Filter	14.9	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	17.0	


SEPT/17

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm ³)	
i)	14/09/17	Stack attached to Bag Filter	15.6	- Bag filter is attached to control the stack emission - Necessary replacement of filters has been done.
ii)		Stack attached to Cement Mill	18.4	

Emission Standards :

Parameter	Standards
Particulate Matter	30mg/Nm ³

Envision Enviro Technologies North East, Guwahati

1	Prepared by (Office Executive)	 [Signature] Sarah [Signature] Choccy
2	Sample collection & analysis by (Sr. Environment Chemist)	
3	Cross-checked by (Environment Executive)	
4	Released by (Quality control Manager)	

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