

Technologies Recognized by Pollution Control Board, Assam



Certificate No. TC-7669

TEST REPORT

AMBIENT AIR ANALYSIS REPORT

Rep.No. AAAR_13010007_01_5621805

Date: 04/04/2022

: M/s. Aditi Industries, Vill: Hathigaon, Mouza: Borbhogia, G.P.: Kuwaritol, Dist: Nagaon,

Sample Drawn By

: UTPAL BEZBARUAH

Sampling Plan & Procedure

: EETNE/SOP/01

Analysis Duration

: OCT/21 26/10/2021 TO 30/10/2021, NOV/21 25/11/2021 TO 30/11/2021

DEC/21 28/12/2021 TO 03/01/2022, <u>JAN/22</u> 28/01/2022 TO 03/02/2022 FEB/22 22/02/2022 TO 28/02/2022, MAR/22 30/03/2022 TO 04/04/2022

: AMBIENT AIR SAMPLER/RDS

Sampling Instrument Used Pollution Control Device, if any

: YES

OCT/21 (Sample ID: EETNE/OCT/17(1)/21) & ULR NO.:TC766921000000523F

SL. NO.	DATE OF SAMPLING	LOCATION/			PARAM	IETERS	No. of the contract of the con
NO.	SAMPLING	SOURCE	WEATHER	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	NO ₂ (μg/m³)	SO ₂ (μg/m³)
i)	26/10/21	Near Employee Quarter		57.4	33.9	21.7	11.2
ii)		Near Panel room	Clear	58.8	34.2	22.0	11.9
iii)	27/10/21	Near Weigh Bridge	Clear	53.7	31.9	19.2	8.8
iv)		Near Temple		55.9	32.6	20.8	9.3

NOV/21 (Sample ID: EETNE/NOV/22/21) & ULR NO.:TC766921000000549F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE			PARAMETERS				
		SOURCE	WEATHER	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	NO ₂ (μg/m³)	SO ₂ (μg/m³)		
i)	25/11/21	Near Employee Quarter		55.2	32.6	20.5	10.7		
ii)		Near Panel room		57.9	33.0	21.8	11.2		
iii)	26/11/21	Near Weigh Bridge	Clear	52.8	30.4	17.6	9.0		
iv)	20/11/21	Near Temple		53.6	31.2	19.9	10.1		

DEC/21 (Sample ID: EETNE/DEC/24/21) & ULR NO.:TC766921000000577F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE			PARAM	IETERS	
		SOURCE	WEATHER	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	NO ₂ (μg/m ³)	SO ₂ (μg/m³)
i)	28/12/21	Near Employee Quarter	9 8	57.7	33.4	21.6	11.2
ii)		Near Panel room	CI	58.6	34.1	22.0	12.5
iii)	29/12/21	Near Weigh Bridge	Clear	53.3	31.7	18.4	9.9
iv)	· · · · · · · · · · · · · · · · · · ·	Near Temple		55.2	32.5	20.3	10.6

Parameters are within the permissible limit.

: - Sampling were done under annual based.

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

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

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Phone: +91 8811096201 ♦ e-mail: envisionghy@gmail.com



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Rep.No.	AAAR_	_13010007_	01	_558	1005
			_	_	10

Date: 04/04/egifigate No. TC-7669

SL.	DATE OF	LOCATION/		PARAMETERS				
NO	SAMPLING	SOURCE	WEATHER	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	NO ₂ (μg/m³)	SO ₂ (μg/m³)	
i)	28/01/22	Near Employee Quarter		58.1	33.7	21.8	11.8	
ii)		Near Panel room	61	58.8	34.2	21.9	12.7	
iii)	20/01/22	Near Weigh Bridge	Clear	54.0	32.2	17.3	10.0	
iv)	29/01/22	Near Temple		55.8	32.9	19.5	10.9	

FEB/22(Sample ID: EETNE/FEB/19/22) & ULR NO.:TC766922000000624F

SL.	DATE OF	LOCATION/			PARAM	PARAMETERS			
NO.	SAMPLING	SOURCE	WEATHER	PM ₁₀ (μg/m³)	$PM_{2.5}$ ($\mu g/m^3$)	NO ₂ (µg/m³)	SO ₂ (μg/m³)		
i)	22/02/22	Near Employee Quarter		57.8	33.0	20.9	11.4		
ii)	les a s	Near Panel room		59.2	34.8	22.3	13.0		
iii)	23/02/22	Near Weigh Bridge	Clear	53.7	31.6	16.2	10.3		
iv)	23/02/22	Near Temple		56.1	31.8	20.1	11.2		

MAR/22(Sample ID: EETNE/MAR/25/22) & ULR NO.:TC766922000000654F

SL.	DATE OF	LOCATION/		PARAMETERS			
NO.	SAMPLING	SOURCE	WEATHER	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	NO ₂ (μg/m³)	SO ₂ (μg/m³)
i)	30/03/22	Near Employee Quarter		56.9	32.5	19.4	10.7
ii)		Near Panel room	Class	58.0	33.0	21.8	11.6
iii)	31/03/22	Near Weigh Bridge	Clear	52.9	30.6	15.5	9.3
iv)	31/03/22	Near Temple		54.4	31.8	17.3	10.2

Remarks: - Parameters are within the permissible limit.

NATIONAL AMBIENT AIR QUALITY STANDARDS:

SI. No.	Pollutant	Test Method		Concentration in Ambient Air		
			Time Weighted Average	Industrial, Residential, Rural and Other Area		
1 Sulphur Dioxide (SO ₂), µg/m ³		IS:5182 Part-II/	Annual	50		
	The state of the s	СРСВ	24 hours	80		
2	2 Nitrogen Dioxide (NO ₂), μg/m ³	IS:5182 Part-VI/	Annual	40		
3		СРСВ	24 hours	80		
3	Particulate Matter (PM ₁₀), μg/m ³	IS:5182 Part-XXIII/ CPCB	Annual	60		
			24 hours	100		
4	Particulate Matter (PM _{2.5}), µg/m ³	EETNE/SOP/01/2017	Annual	40		
	(F142.5), µg/III		24 hours (O	echno 60		

or Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Environmental Chemist)

Dr. Pranita Chakraborty Authorized by (Quality Manager)

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

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^{: -} Sampling were done under annual based.







TEST REPORT

FUGITIVE EMISSION ANALYSIS REPORT Rep.No. 220404_13010007_04_563

NABL ACCREDITED

Date: 04/04/2022

Name & Address:

M/s. Aditi Industries

Vill: Hathigaon, Mouza: Borbhogia, G.P.: Kuwaritol, Dist: Nagaon,

Assam.

OCT/21 (Sample ID: EETNE/OCT/17(1)/21) & ULR NO.:TC766921000000523F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
	26/10/2024	Near Truck Loading Area	1290	-Water spraying is done to control the fugitive emission.
ii)	26/10/2021	Near Fly Ash Yard	1256	-All materials are stored in closed sheds to mitigate fugitive emission.

NOV/21 (Sample ID: EETNE/NOV/22/21) & ULR NO.:TC766921000000549F

SL.	DATE OF		700921000000549	HYF.		
NO.	SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks		
- FIX	25/11/2024	Near Truck Loading Area	1307	-Water spraying is done to control the fugitive emission.		
ii)	25/11/2021	Near Fly Ash Yard	1264	-All materials are stored in closed sheds to mitigate fugitive emission.		
	NO.	NO. SAMPLING i)	NO. SAMPLING LOCATION/ SOURCE i) Near Truck Loading Area ii) 25/11/2021	NO. SAMPLING LOCATION/ SOURCE Fugitive (SPM) (μg/m³) i) Near Truck Loading Area 1307 ii) 25/11/2021		

DEC/21 (Sample ID: EETNE/DEC/24/21) & ULR NO.:TC766921000000577

SL.	DATE OF		00921000000577	
NO.	SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
- 115		Near Truck Loading Area	1278	-Water spraying is done to control the fugitive
i) Near Truck Loading Area 1278 -Water spray control the emission.	-All materials are stored in closed sheds to mitigate fugitive			

JAN/22(Sample ID: EETNE/JAN/23/22) & ULR NO.:TC766922000000603F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
ii)	28/04/2005	Near Truck Loading Area	1312	-Water spraying is done to control the fugitive emission.
	28/01/2022	Near Fly Ash Yard	1273	-All materials are stored in closed sheds to mitigate fugitive emission.

Utpal Bezbaruah (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati Dr. Pranita Chakraborty Authorized by (Quality Manager)

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

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Rep.No. 220404_13010007_04_563

Date: 04/04/2022 Certificate No. TC-7669

FEB/22(Sample ID: EETNE/FEB/19/22) & ULR NO.:TC766921000000624F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
i))	Near Truck Loading Area	1299	-Water spraying is done to control the fugitive emission.
ii)	22/02/2022	Near Fly Ash Yard	1250	-All materials are stored in closed sheds to mitigate fugitive emission.

MAR/22(Sample ID: EETNE/MAR/25/22) & ULR NO.:TC766921000000654F

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	Fugitive (SPM) (µg/m³)	Remarks
1)	ii) 30/03/2022	Near Truck Loading Area	1316	-Water spraying is done to control the fugitive emission.
		Near Fly Ash Yard	1282	-All materials are stored in closed sheds to mitigate fugitive emission.

Instrument used= RDS

Utpal Bezbaruah (Environmental Chemist)

For Envision Enviro Technologies North Fast, Guwahati

Authorized by (Quality Manager)

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Certificate No. TC-7669

AMBIENT NOISE LEVEL MEASUREMENT REPORT

Rep.No. 220404_13010007_06A_564 005

Date: 04/04/2022

Name & Address:

M/s. Aditi Industries,

Vill: Hathigaon, Mouza: Borbhogia, G.P.: Kuwaritol, Dist: Nagaon, Assam.

OCT/21 (Sample ID: EETNE/APR/23/21) & ULR NO.:TC766921000000375F

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq DAY(6:00 am to 10:00pm) NIGHT (10:00 pm to 6:00 am	
i)	27/10/21	Near Employee Quarter	69.4	62.5
ii)	27/10/21	Near Panel Room	73.0	67.1
iii)	26/10/21	Near Weigh Bridge	71.8	64.2

NOV/21 (Sample ID: EETNE/NOV/22/21) & ULR NO.:TC766921000000549E

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVE DAY(6:00 am to 10:00pm)	L in dB(A)Leq NIGHT (10:00 pm to 6:00 am)
i)	26/44/24	Near Employee Quarter	67.7	60.3
ii)	26/11/21	Near Panel Room	72.1	66.8
iii)	25/11/21	Near Weigh Bridge	69.2	63.4

DEC/21 (Sample ID: EETNE/DEC/24/21) & ULR NO.:TC766921000000577F

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq DAY(6:00 am to 10:00pm) NIGHT (10:00 pm to 6	
i)		Near Employee Quarter	68.2	60.3
ii)	29/12/21	Near Panel Room	72.9	66.8
iii)	28/12/21	Near Weigh Bridge	69.2	63.4

JAN/22(Sample ID: EETNE/JAN/23/22) & ULR NO.:TC766921000000603F

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL DAY(6:00 am to 10:00pm)	DISE LEVEL in dB(A)Leq 10:00pm) NIGHT (10:00 pm to 6:00 am)	
i)		Near Employee Quarter	67.5	62.8	
ii)	29/01/22	Near Panel Room	74.0	68.5	
iii)	28/01/22	Near Weigh Bridge	71.3		
Pam	arker Noise las	alia i l · i i	/1.3	64.9	

Remarks: Noise level is carried out during 75% of the Day Time & Night Time together.

Ambient Noise Standards:

Area Code	Category of area	Limits in dB(A) Leq		
Couc		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)	
Α	Industrial Area	75	70	
В	Commercial Area	65	70	
С	Residential Area	55	55	
D	Silence Zone		Techno 45	
	Silcine Zone	50	0 40	

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Environmental Chemist)

Dr. Pranita Chak abouty Authorized by (Quality Manager)

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Certificate No. TC-7669

Rep.No. 220404_13010007_06A_564

Date: 04/04/2022

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	ULR NO.:TC766922000000624F NOISE LEVEL in dB(A)Leq DAY (6:00 am to 10:00 pm) NIGHT (10:00 pm to 6:	
i)		Near Employee Quarter	66.2	61.3
ii)	23/02/22	Near Panel Room	71.4	67.0
iii)	22/02/22	Near Weigh Bridge	69.8	64.2

/22(Sample ID: EETNE/MAR/21/22) & ULR NO.:TC766922000000654F SL. DATE OF LOCATION NOISE LEVEL in dB(A)Leq NO. SAMPLING /SOURCE DAY (6:00 am to 10:00 pm) NIGHT (10:00 pm to 6:00 am) i) **Near Employee Quarter** 68.0 63.5 31/03/22 ii) **Near Panel Room** 72.5 67.9 iii) 30/03/22 **Near Weigh Bridge** 70.7 66.1

Remarks: Noise level is carried out during 75% of the Day Time & Night Time together.

Method of analysis: IS: 9989:1981 RA:2014

Sampling Instrument Used: Lutron SL-4033SD, HTC SL 1350

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)	
Α	Industrial Area	75	70	
В	Commercial Area	65	70	
C	Residential Area		55	
D	Silence Zone	55	45	
	Silence Zone	50	40	

Utpal Bezbaruah (Environmental Chemist) For Envision Enviro Technologies North East, Guwahati

Dr. Pranita Chakraborty Authorized by (Quality Manager)

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-----END OF REPORT-----





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TEST REPORT

Certificate No. TC-7669

STACK ANALYSIS REPORT

Rep.No. SAR_13010007_02_565

Date: 04/04/2022

: M/s. Aditi Industries, Vill: Hathigaon, Mouza: Borbhogia, G.P.: Kuwaritol, Dist: Nagaon, Assam.

Sample Drawn By

: UTPAL BEZBARUAH

Sampling Plan & Procedure

: EETNE/SOP/01

Analysis Duration

: OCT/21 26/10/2021 TO 30/10/2021, NOV/21 25/11/2021 TO 30/11/2021

DEC/21 28/12/2021 TO 03/01/2022, <u>JAN/22</u> 28/01/2022 TO 03/02/2022 FEB/22 22/02/2022 TO 28/02/2022, <u>MAR/22</u> 30/03/2022 TO 04/04/2022

Sampling Instrument Used

Pollution Control Device, if any

: STACK KIT/FLUE GAS ANALYZER

: YES

OCT/21 (Sample ID: EETNE/OCT/17(1)/21) & ULR NO.:TC76692100000052

SL.	DATE OF	STACK DESCRIPTION	PARAMETERS	REMARKS
NO.	SAMPLING	Jackii Ilon	Particulate Matter (mg/Nm³)	-Production capacity of the
i)	26/10/21	Stack attached to Cement Mill	22.7	cement plant is 500 TPD. - Bag filter is attached to Cement mill.

NOV/21 (Sample ID: EETNE/NOV/22/21) & ULR NO.:TC766921000000549F

SL.	DATE OF	STACK DESCRIPTION	PARAMETERS	REMARKS
NO.	SAMPLING	STACK BESCRIPTION	Particulate Matter (mg/Nm³)	-Production capacity of the
i)	i)	Stack attached to Cement	comont -	cement plant is 500 TPD.
	25/11/21	Mill	21.3	- Bag filter is attached to Cement mill.

DEC/21 (Sample ID: EETNE/DEC/24/21) & ULR NO.:TC766921000000577F

SL.	DATE OF	STACK DESCRIPTION	PARAMETERS	REMARKS
NO.	SAMPLING		Particulate Matter (mg/Nm³)	-Production capacity of the
i)	D	Stack attached to Cement		cement plant is 500 TPD.
	28/12/21	Mill	22.0	- Bag filter is attached to Cement mill.

JAN/22(Sample ID: EETNE/JAN/23/22) & ULR NO.:TC766922000000603F

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (mg/Nm³)	-Production capacity of the
i)	38/01/22	Stack attached to Cement		cement plant is 500 TPD.
	28/01/22	Mill	20.9	- Bag filter is attached to Cement mill.

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Date: 04/00/1/1/2019/0. TC-7669

Rep.No. SAR_13010007_02_565

SL.	DATE OF	STACK DESCRIPTION	PARAMETERS	REMARKS
	SAMPLING	STACK DESCRIPTION	Particulate Matter (mg/Nm³)	-Production capacity of the
i)	22/02/22	Stack attached to Cement Mill	21.8	cement plant is 500 TPD. - Bag filter is attached to Cement mill.

MAR/22(Sample ID: EETNE/MAR/25/22) & ULR NO.:TC766922000000654F

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS -Production capacity of the
			Particulate Matter (mg/Nm³)	
i)		Stack attached to Cement Mill		cement plant is 500 TPD.
	30/03/22		22.4	- Bag filter is attached to Cement mill.

Method of analysis: IS 11255 Part-III: 2008 RA

Emission Standards:

Parameter	Standards
Particulate Matter	30mg/Nm ³

For Envision Enviro Technologies North East, Guwahati

Utpal Bezbaruah (Environmental Chemist)

Dr. Pranita Chakraborty Authorized by (Quality Manager)

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