

**QF/LA/10-A****Report Ref. No. : GFL/AA/R/21/02-01****Report Date: 08.02.2021****ANALYSIS REPORT FOR AMBIENT AIR MONITORING**

<b>Name of the Industry :</b>	<b>M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.</b>		
<b>Date of Sampling :</b>	01.02.2021	<b>Sample Description :</b>	Ambient
<b>Date of Receipt of Sample :</b>	02.02.2021	<b>Sample Collected by :</b>	Laboratory
<b>Date of Analysis Started :</b>	03.02.2021	<b>Date of Analysis Completed :</b>	08.02.2021

<b>Sample Code No.</b>	<b>GFL/AA/21/02-01</b>	<b>Limits</b>	<b>Units</b>	<b>Test Method</b>
Location	<b>Near Main Gate</b>			
Date/Duration	01.02.2021			
PM 10	90.44	100	µg/m <sup>3</sup>	IS 5182(part -23):2006,
PM 2.5	32.50	60	µg/m <sup>3</sup>	NAAQS Volume-I
SO <sub>2</sub> conc.	23.3	80	µg/m <sup>3</sup>	IS 5182(part -2):2001
NO <sub>x</sub> conc.	39.88	80	µg/m <sup>3</sup>	IS 5182(part-06):2006
Ammonia	<17	400	µg/m <sup>3</sup>	APHA Method 401 Indophenol Blue Method
Carbon Monoxide	ND	04	mg/m <sup>3</sup>	IS 5182(part-10):1999 Reaffirmed- 2014
Benzene	<0.1	05	µg/m <sup>3</sup>	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
Sampling carried out using HVS GOLDFINCH/INST-HVS/02 Calibrated on : 16.09.2020 Due on : 15.09.2021		Sampling carried out using ADS GOLDFINCH/INST-ADS/68 Calibrated on : 17.09.2020 Due on : 16.09.2021		

**For Goldfinch Engineering Systems Private Limited****Analyzed By****Govt. Analyst****Verified By****Lab-In-charge****Approved By****Director-Lab/Govt. Analyst**

QF/LA/10-B

Report Ref. No. : GFL/AS/R/21/02-02

Report Date: 08.02.2021

## ANALYSIS REPORT FOR STACK EMISSIONS MONITORING

Name of the Industry :	M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.		
Date of Sampling :	01.02.2021	Sample Description :	Stack
Date of Receipt of Sample :	02.02.2021	Sample Collected by :	Laboratory
Date of Analysis Started :	03.02.2021	Date of Analysis Completed :	08.02.2021

Sample Code No.	GFL/AS/21/02-02	Limits	Units	Test Method
Stack Attached To	Boiler Stack			IS 11255 (Part 3) Reaffirmed 2008
Stack Diameter	0.5		meter	
Stack Height	31		meter	
Fuel used & Consumption	Coal 2.5		T/day	
Velocity of flue gases	5.34		m/s	
Temperature of flue Gases	120		°C	
Flow/volume of flue Gases	3778		m <sup>3</sup> /Hr	
Particulate Matter	86.99	150	mg/Nm <sup>3</sup>	IS-11255 ( Part 1) Reaffirmed-2003
Sulphur Di Oxide Content	2.90	24	Kg/day	IS-11255 ( Part 2) 1985,Reaffirmed-2003

Sampling Carried out using  
Stack Monitoring Kit  
ID No. GOLDFINCH/INST-STACK/45,46,47  
Calibrated on -23.10.2020  
Calibrated due -22.10.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst



QF/LA/10-B

Report Ref. No. : GFL/AS/R/21/02-0

Report Date: 08.02.2021

## ANALYSIS REPORT FOR STACK EMISSIONS MONITORING

Name of the Industry :	M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.		
Date of Sampling :	01.02.2021	Sample Description :	Stack
Date of Receipt of Sample :	02.02.2021	Sample Collected by :	Laboratory
Date of Analysis Started :	03.02.2021	Date of Analysis Completed :	08.02.2021

Sample Code No.	GFL/AS/21/02-03	Limits	Units	Test Method
Stack Attached To	DG Stack			IS 11255 (Part 3) Reaffirmed 2008
Stack Diameter	0.1		meter	
Stack Height	3		meter	
Fuel used & Consumption	HSD -75		Lts/hr	
Velocity of flue gases	8.19		m/s	
Temperature of flue Gases	155		°C	
Flow/volume of flue Gases	231.44		m <sup>3</sup> /Hr	
Particulate Matter	71.15	150	mg/Nm <sup>3</sup>	IS-11255 ( Part 1) Reaffirmed-2003
Sulphur Di Oxide Content	0.88	10.5	Kg/day	IS-11255 ( Part 2) 1985,Reaffirmed-2003

Sampling Carried out using  
Stack Monitoring Kit  
ID No. GOLDFINCH/INST-STACK/45,46,47  
Calibrated on -23.10.2020  
Calibrated due -22.10.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

QF/LA/10-B

Report Ref. No. : GFL/AS/R/21/02-04

Report Date: 08.02.2021

## ANALYSIS REPORT FOR STACK EMISSIONS MONITORING

Name of the Industry :	M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.		
Date of Sampling :	01.02.2021	Sample Description :	Stack
Date of Receipt of Sample :	02.02.2021	Sample Collected by :	Laboratory
Date of Analysis Started :	03.02.2021	Date of Analysis Completed :	08.02.2021

Sample Code No.	GFL/AS/21/02-04	Limits	Units	Test Method
Stack Attached To	Process Stack			IS 11255 (Part 3) 2008 Reaffirmed 2018
Stack Diameter	0.0762		meter	
Stack Height	15		meter	
Fuel used & Consumption	--			
Velocity of flue gases	--		m/s	
Temperature of flue Gases	--		°C	
Flow/volume of flue Gases	--		m <sup>3</sup> /Hr	
Ammonia	2.51	50	mg/Nm <sup>3</sup>	IS-11255 (Part 6)1999 Reaffirmed in 2014
HCl	2.20	35	mg/Nm <sup>3</sup>	EPA 0051
Nox Conc.	2.005	50	ppm mg/Nm <sup>3</sup>	IS-11255 (Part7):2017

Sampling Carried out using  
Stack Monitoring Kit  
ID No. GOLDFINCH/INST-STACK/50  
Calibrated on -23.10.2020  
Calibration due on -22.10.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



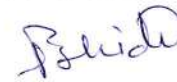
Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst



QF/LA/10-D

Report Ref. No. : GFL/AW/R/21/02-05

Report Date: 08.02.2021

## ANALYSIS REPORT FOR WORK PLACE MONITORING

Name of the Industry :	M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.		
Date of Sampling :	01.02.2021	Sample Description :	Workplace
Date of Receipt of Sample :	02.02.2021	Sample Collected by :	Laboratory
Date of Analysis Started :	03.02.2021	Date of Analysis Completed :	08.02.2021

Sample Code No.	Location	Parameter	Result	Limit	Unit	Test Method
GFL/AW/21/02-05	Second Floor	Ammonia	0.1	35	ppm	Indophenol Blue Method (NAAQS Volume-I)
		SPM	3.5	10	mg/m3	Gravimetric
		HCl	ND	250	ppm	USEPA TO -15
		Benzene	ND	--	ppm	IS 5182 (part 11):2006 Reaffirmed - 2017& CPCB NAAQS volume I
		Toluene	ND	--	ppm	
		Butanol	ND	--	ppm	
		Methanol	ND	--	ppm	

Remark:- ND =Not Detected

Sampling Carried out using  
Handy Sampler Monitoring Kit  
ID No. GOLDFINCH/INSTR-HD Sampler/83  
Calibrated on - 08.08.2020  
Calibration due - 07.08.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By



Govt. Analyst

Verified By



Lab-In-charge

Approved By



Director-Lab/Govt. Analyst

QF/LA/10-C

Report Ref. No. : GFL/AN/R/21/02-06 TO 08

Report Date: 08.02.2021

### ANALYSIS REPORT FOR AMBIENT NOISE MONITORING

Name of the Industry :	M/S Ashu Organics Pvt Ltd Plot A-64 MIDC Badalapur.		
Date of Sampling :	01.02.2021	Sample Description :	Noise
Date of Receipt of Sample :	02.02.2021	Sample Collected by :	Laboratory
Date of Analysis Started :	03.02.2021	Date of Analysis Completed :	08.02.2021

Sample Code	Location	Ambient Noise Level		Test Method
		Day dB(A)Leq	Night dB(A)Leq	
GFL/AW/21/02-06	Near Main Gate	58.7	55.9	IS 9989-1981 Reaffirmed 2014
GFL/AW/21/01-07	Near ETP Plant	66.3	59.4	
GFL/AW/21/01-08	Near Compressor	67.9	64.4	
	<b>M.P.C.B. Limit</b>	<b>75.0</b>	<b>70.0</b>	

Survey carried out using dB meter  
Sr. No. GOLDFINCH/INST- DB Meter /80  
Calibrated On: 06.11.2020  
Calibration due: 05.11.2021

For Goldfinch Engineering Systems Private Limited

Analyzed By

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Director-Lab/Govt. Analyst