

A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra Mob + 9545084620, 8421365421 CIN No : U74900PN2013PTC149666 E-mail environsafetyeng@gmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB) ISO 9001:2015, ISO 45001: 2018 and ISO 14001: 2015 Certified Company

	TEST REPORT					
Test Report No: -	GESEC/AAQM/2022-23/03/186	20/03/202	23			
Sample ID: -	GESEC/AAQM/2022-23/03/186	Report Date	20,00,			
•						
Name & Address of the	M/s. Shri Karveer Nivassini Mahala		td.			
Customer	Plot No. A-6, Gokul Shirgaon MIDC,	, Kolhapur.				
	Ambient Air Sample	Details				
Samuliar Legation					ne by	
Type Ambient Air	Near Main			GESEC		
Ambient Air	Sampling Tim					
Start Time	Stop Ti	Total Hrs.				
08.45 A.M.	09.45 A	60 Min.				
08.43 A.IVI.	Metrological Data/Environm	ental Conditions	S			
Ambient Temperature °C	24 Wet Bulb Temperature °C			13		
Dry Bulb Temperature °C	24	Relative Humidity % RH			25.5	
Dry Buib Temperature C						
Date of Sampling	Sample Receipt Date	Sample Receipt Date Analysis Start Date			Date	
14/03/2023	16/02/2023 16/02/2023			20/03/2023		
14/03/2025						
Name Of Instrument	High Volume Combined Sampler Date Of Calibration			19/10/2022		
Calibration Certificate No.	SSEC/FF/1527 Due Date of Calibration			18/10/2023		
	Method		Unit	NAAQ	Result	
Parameters	Method		Standards		66.86	
Particulate Matter (PM10)	IS:5182 (PART 4):201	μg/cum	100.00	18.01		
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):201	μg/cum	80.00			
Oxides of Nitrogen(NOx)	IS:5182 (PART 6):201	μg/cum	80.00	27.84		

Note:

NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the  $18^{th}$  November 2009.

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The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.

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or legal requirement MoEF approved Lab by Govt. of India. From date: 16/02/2022 to 29/02/2024



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	TEST REPOR	T				
Test Report No: -	GESEC/AAQM/2022-23/03/187	20/03/202	3			
Sample ID: -	GESEC/AAQM/2022-23/03/187 Report Date GESEC/AAQM/2022-23/03/187					
•						
Name & Address of the	M/s. Shri Karveer Nivassini Mahal	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd.				
Customer	Plot No. A-6, Gokul Shirgaon MIDC, Kolhapur.					
	Ambient Air Samp	le Details				
Tune	Sampling Location				Sampling done by	
Type Ambient Air	Behind F	GESEC				
Ambient An	Sampling Tir	me				
Start Time	Stop 1	Total Hrs.				
08.55 A.M.	09.55	60 Min				
U8.55 A.IVI.	Metrological Data/Environ	mental Conditions	;	13		
Ambient Temperature oc	24	144 A Dulla Tomonoraturo "C				
Dry Bulb Temperature oc	24	Dulastina Humaidity 9/ DH			25.5	
DIY Build Telliperature				a l da Emd	Data	
Date of Sampling	Sample Receipt Date	Analysis St		Analysis End Date		
14/03/2023	16/02/2023	16/02/	2023	20/03/2023		
14/05/2020	•	Date Of Ca		10/10/20	22	
Name Of Instrument	High Volume Sampler	19/10/2022 18/10/2023				
Calibration Certificate No.	SSEC/FF/1528	Due Date of	Calibration	18/10/20	23	
				NAAQ	Resi	
Parameters	Method	Unit	Standards	Kesi		

# Note:

NAAQS - National Ambient Air Quality Standards, Central Pollution Control Board Notification, No. B – 29016 / 20 / 90 / PCI – I, New Delhi, the 18th November 2009.

IS:5182 (PART 4):2019

IS:5182 (PART 2):2017

IS:5182 (PART 6):2018



Particulate Matter (PM10)

Oxides of Nitrogen(NOx)

Sulphur Dioxide (SO<sub>2</sub>)

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100.00

80.00

80.00

μg/cum

μg/cum

μg/cum

64.13

15.87

25.10

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	TEST REPORT					
Test Report No	GESEC/ST/2022-23/03/188 Report Date			20/03/2023		
Sample ID -	GESEC/ST/2022-23/03/188					
Name & Address of the Customer	M/s. Shri Karveer Nivassini N Plot No. A-6,Gokul Shirgaon	Mahalaxmi ISPAT PV MIDC, Kolhapur.	t. Lta.			
	Sample Details	S				
Sample collection Date	Sample receipt Date	ate Analysis start Date			Analysis complete Date	
14/03/2023	16/02/2023	/2023 16/02/2023			20/03/2023	
	Instrument Deta	ils				
Name Of Instrument	Stack Monitoring Kit	Date Of Calib	17/10/2022			
Calibration Certificate No.	SEC/TH/57	Due Date of Cal	16/10/2023			
	Stack Details					
Stack No/ID	Stack Attached to			Sampling done by		
01	Rolling Mill	Furnace Stack			GESEC	
Shape	Round Fuel Used				Steam coal	
Diameter/ Dimensions ( m)	0.60 M Pressure (mm of WG)				3.00	
Height (m)		31				
Temperature ( <sup>o</sup> C)	120	Velocity ( m	6.52			
Gas Volume (Nm³/Hr)		5037.88				
Parameters	Method	Unit	Limi		Result	
iuspended Particulate Matter (SPM)	IS 11255 (Part 1) 2019	mg/Nm³	150		45.86	
iulphur Dioxide (SO <sub>2</sub> )	10 44355 (Boot 3) 3010	mg/Nm³	-		18.02	
	IS 11255 (Part 2) 2019	Kg/day	-		02.18	
oxide of Nitrogen (NOx)	IS 11255 (Part 7) 2017	mg/Nm³	-		04.00	

## Note:

- Maharashtra Pollution Control Board (SPCB) Limits: SPM: 150 mg/NM<sup>3</sup>.
- Maharashtra Pollution Control Board (SPCB) Limits: SO2 & NOx: As per consent.



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Test Report No: -

Sample ID: -

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Mob + 9545084620, 8421365421 CIN No. U74900PN2013PTC149666

**Report Date** 

E-mail environsafetyeng@gmail.com, gesec12@gmail.com

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Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6, Gokul Shirgaon MIDC, Kolhapur.					
		Ambient Noise Sam	ple Details			
Type	Ambient Noise					
Sampling done by	GESEC					
Standard method	As Per I	S: 9989:2020				
					Analysis End Date	
Date of Sampling	Sam	ple Receipt Date	Analysis	Start Date	Analysis End Date	
14/03/2023						
			_		17/10/2022	
Name Of Instrument	Name Of Instrument Digital Sound Level M		Date Of Calibration			
Calibration Certificate No.	9	SSEC/ME/266 Due Date of Calibration		16/10/2023		
Test Location			Average Noise Level Readings			
		Unit	READINGS dB(A) (02:00 PM)	LIMIT dB(A)	CPCB Standards dB(A)	
Near Main Gate		dB(A)	61.3	75	During Day time =	
Near Furnace Near Lathe Machine Shop		dB(A)	73.8	75	75 dB (A)	
		dB(A)	70.9	75	During Night time=	
Back Side Company		dB(A)	71.0	75	70 dB(A)	
Near Weigh Bridge		dB(A)	69.7	75	70 45(7)	

**TEST REPORT** 

GESEC/ANLM/2022-23/03/189

GESEC/ANLM/2022-23/03/189

\*\*\* END OF REPORT\*\*\*

Central Pollution Control Board (CPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70

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20/03/2023

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(A) during the Night Time.

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		TEST RE	PORT				
Test Report No: -	GESEC/WNLM/2022-23/03/190			Report Date	20/03/2023		
Sample ID: -	GESEC/WNLM/2022-23/03/190			Report Date	20/03/2020		
Sample 10.	GESTO		•				
	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd.						
Name & Address of the Customer	Plot No. A-6,Gokul Shirgaon MIDC, Kolhapur.						
	1100111						
		Work Zone Noise	Sample Details				
Tuno	_	one Noise					
Type	GESEC						
Sampling done by		S: 9989:2020					
Standard method	ASTELL	3. 3303.2020			Analysis End Date		
Data of Samuling	Sample Receipt Date		Analysis	Analysis Start Date			
Date of Sampling	Sample Receipt Date						
14/03/2023							
	Digital	Sound Level Meter	upd Level Meter Date of Calibration				
Name of Instrument				of Calibration	16/10/2023		
Calibration Certificate No.	5	SSEC/ME/266	Duc Dute	. Or Carra			
			Average Noise	e Level Readings			
Test Location		Unit		LIMIT dB(A)	The Factories Ac		
			READINGS dB(A)	(Refer to Note	1948, standards		
				Below)			
		dB(A)	79.3	90			
Lathe Machine Shop		dB(A)	81.2	90			
CNC Machine Shop		dB(A)	84.8	90	≤ 90		
Rolling Mill		dB(A)	82.9	90			
Chetal		dB(A)	61.0	90			
Admin Office		ub(A)					

Note:

The Factories' Act, 1948 has prescribed Work Zone Noise Level threshold limit for 8 hours' exposure as 90 dB (A).



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