





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	Report Date	20/03/2023	
Sample ID: -	GESEC/AAQM/2022-23/03/186			
Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6, Gokul Shirgaon MIDC, Kolhapur.			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Near Main Gate	GESEC		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
08.45 A.M.	09.45 A.M.	60 Min.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	13	
Dry Bulb Temperature °C	24	Relative Humidity % RH	25.5	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
14/03/2023	16/02/2023	16/02/2023	20/03/2023	
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	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM ₁₀)	IS:5182 (PART 4):2019	µg/cum	100.00	66.86
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/cum	80.00	18.01
Oxides of Nitrogen(NO _x)	IS:5182 (PART 6):2018	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.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By
END OF REPORT				

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
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TEST REPORT				
Test Report No: -	GESEC/AAQM/2022-23/03/187	Report Date	20/03/2023	
Sample ID: -	GESEC/AAQM/2022-23/03/187			
Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6, Gokul Shirgaon MIDC, Kolhapur.			
Ambient Air Sample Details				
Type	Sampling Location	Sampling done by		
Ambient Air	Behind Factory	GESEC		
Sampling Time		Total Hrs.		
Start Time	Stop Time	60 Min		
08.55 A.M.	09.55 A.M.			
Metrological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	13	
Dry Bulb Temperature °C	24	Relative Humidity % RH	25.5	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
14/03/2023	16/02/2023	16/02/2023	20/03/2023	
Name Of Instrument	High Volume Sampler	Date Of Calibration	19/10/2022	
Calibration Certificate No.	SSEC/FF/1528	Due Date of Calibration	18/10/2023	
Parameters	Method	Unit	NAAQ Standards	Result
Particulate Matter (PM ₁₀)	IS:5182 (PART 4):2019	µg/cum	100.00	64.13
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/cum	80.00	15.87
Oxides of Nitrogen(NO _x)	IS:5182 (PART 6):2018	µg/cum	80.00	25.10
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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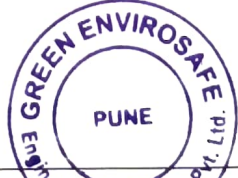
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TEST REPORT				
Test Report No	GESEC/ST/2022-23/03/188	Report Date	20/03/2023	
Sample ID -	GESEC/ST/2022-23/03/188			
Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6,Gokul Shirgaon MIDC, Kolhapur.			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
14/03/2023	16/02/2023	16/02/2023	20/03/2023	
Instrument Details				
Name Of Instrument	Stack Monitoring Kit	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SEC/TH/57	Due Date of Calibration	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 (°C)	120	Velocity (m/s)	6.52	
Gas Volume (Nm ³ /Hr)	5037.88			
Parameters	Method	Unit	Limit	Result
Suspended Particulate Matter (SPM)	IS 11255 (Part 1) 2019	mg/Nm ³	150	45.86
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	-	18.02
		Kg/day	-	02.18
Oxide of Nitrogen (NO _x)	IS 11255 (Part 7) 2017	mg/Nm ³	-	04.00
Note:				
<ul style="list-style-type: none"> Maharashtra Pollution Control Board (SPCB) Limits: SPM: 150 mg/NM³. Maharashtra Pollution Control Board (SPCB) Limits: SO₂ & NO_x: As per consent. 				
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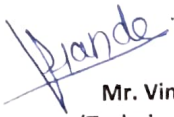
TEST REPORT				
Test Report No: -	GESEC/ANLM/2022-23/03/189	Report Date	20/03/2023	
Sample ID: -	GESEC/ANLM/2022-23/03/189			
Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6, Gokul Shirgaon MIDC, Kolhapur.			
Ambient Noise Sample Details				
Type	Ambient Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
14/03/2023	--	---	--	
Name Of Instrument	Digital Sound Level Meter	Date Of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/ME/266	Due Date of Calibration	16/10/2023	
Test Location	Unit	Average Noise Level Readings		CPCB Standards dB(A)
		READINGS dB(A) (02:00 PM)	LIMIT dB(A)	
Near Main Gate	dB(A)	61.3	75	During Day time = 75 dB (A) During Night time= 70 dB(A)
Near Furnace	dB(A)	73.8	75	
Near Lathe Machine Shop	dB(A)	70.9	75	
Back Side Company	dB(A)	71.0	75	
Near Weigh Bridge	dB(A)	69.7	75	
Note:	Central Pollution Control Board (CPCB) has prescribed 75 dB (A) as an upper limit of Noise Level during the Day Time & 70 dB (A) during the Night Time.			
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TEST REPORT				
Test Report No: -	GESEC/WNLM/2022-23/03/190	Report Date	20/03/2023	
Sample ID: -	GESEC/WNLM/2022-23/03/190			
Name & Address of the Customer	M/s. Shri Karveer Nivassini Mahalaxmi ISPAT Pvt. Ltd. Plot No. A-6,Gokul Shirgaon MIDC, Kolhapur.			
Work Zone Noise Sample Details				
Type	Work Zone Noise			
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
14/03/2023	---	---	--	
Name of Instrument	Digital Sound Level Meter	Date of Calibration	17/10/2022	
Calibration Certificate No.	SSEC/ME/266	Due Date of Calibration	16/10/2023	
Test Location	Unit	Average Noise Level Readings		The Factories Act 1948, standards
		READINGS dB(A)	LIMIT dB(A) (Refer to Note Below)	
Lathe Machine Shop	dB(A)	79.3	90	≤ 90
CNC Machine Shop	dB(A)	81.2	90	
Rolling Mill	dB(A)	84.8	90	
Chetal	dB(A)	82.9	90	
Admin Office	dB(A)	61.0	90	
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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