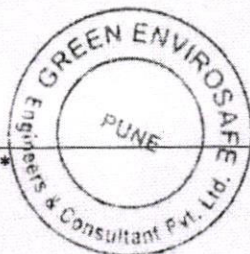


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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/756		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/756			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Sugar)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09.30 Am	5.30 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.79
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	24.14
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	48.72
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	21.32
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	11.41
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	13.54
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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Mr. Vinod Hande
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/757		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/757			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Co.Gen)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09.50 Am	5.50 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.46
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	23.14
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	52.64
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	23.17
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	10.96
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	13.32
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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Mr. Vinod Hande
(Technical Manager)
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/758		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/758			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Distillery)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09.40 Am	5.40 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	21.34
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	23.47
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	50.11
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	22.92
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	11.12
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	13.34
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



Vinod Hande
Mr. Vinod Hande
(Technical Manager)
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- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory



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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/759		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/759			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Waghalwadi		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.00 Am	6.00 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.25
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.14
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	48.32
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	20.17
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	11.13
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	13.03
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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(Technical Manager)
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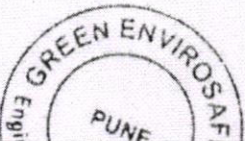
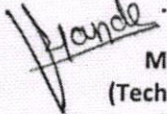
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-

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/760		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/760			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Wanewadi		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.10 Am	06.10 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	21.05
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.54
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	49.37
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	20.64
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	11.89
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	13.32
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				
				
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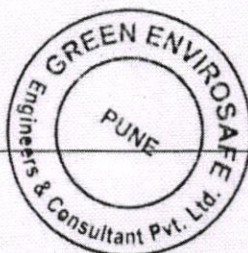
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/761		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/761			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Sadobachiwadi/ Potewasti		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.30 Am	06.30 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.08
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.97
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	48.23
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	17.07
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	10.22
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	14.01
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



Vinod Hande
Mr. Vinod Hande
(Technical Manager)
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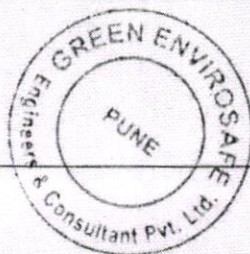
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/762		Report Date	14.01.2022
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/762			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Back Side Of Company		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.45 Am	6.45 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	27	Wet Bulb Temperature °C	18	
Dry Bulb Temperature °C	27	Relative Humidity % RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.85
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.33
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	49.07
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	20.55
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	10.89
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	11.63
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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Mr. Vinod Hande
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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2021-22/01/763	Report Date	14.01.2022
Sample ID: -	GESEC/PRO/ANLM/2021-22/01/763		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	07/01/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings	CPCB Standards dB(A)
		Day	
Project site (Sugar)	dB(A)	64.0	75/70 dB(A)
Project site (Co.Gen)	dB(A)	64.2	
Project site (Distillery)	dB(A)	68.7	
Waghalwadi	dB(A)	63.3	
Wanewadi	dB(A)	64.9	
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB(A)			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

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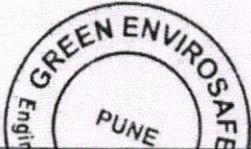
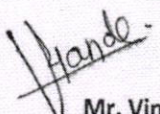
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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2021-22/01/764	Report Date	14.01.2022
Sample ID: -	GESEC/PRO/ANLM/2021-22/01/764		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	07/01/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings	CPCB Standards dB(A)
		Night	
Project site (Sugar)	dB(A)	62.1	75/70 dB(A)
Project site (Co.Gen)	dB(A)	60.8	
Project site (Distillery)	dB(A)	63.3	
Waghalwadi	dB(A)	59.9	
Wanewadi	dB(A)	61.4	
Remark-			
<ul style="list-style-type: none"> ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB(A) 			
			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

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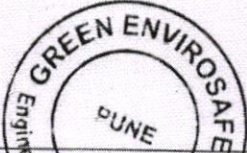
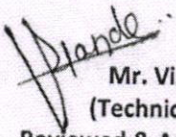
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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2021-22/01/774				Report Date	14.01.2022
Sample ID: -	GESEC/PRO/DIL/2021-22/01/774					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
07.01.2022	08.01.2022	08.01.2022			14.01.2022	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.1 750 KVA						
Without Enclosure	99.8	101.2	100.7	99.5	100.3	25.7
With Enclosure	73.9	74.8	74.9	74.7	74.57	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div> </div>						

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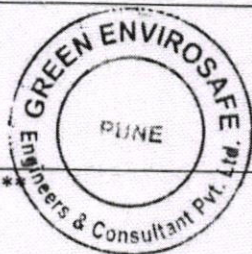
GREEN ENVIROSAFE
Engineers & Consultant Pvt Ltd.

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 : envirosafetyeng@gmail.com, gesec12@gmail.com

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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2021-22/01/775				Report Date	14.01.2022
Sample ID: -	GESEC/PRO/DIL/2021-22/01/775					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
07.01.2022	08.01.2022	08.01.2022			14.01.2022	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.2 750 KVA						
Without Enclosure	100.4	102.6	102.5	100.8	101.57	26.3
With Enclosure	75.2	74.9	75.4	75.3	75.2	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						

END OF REPORT



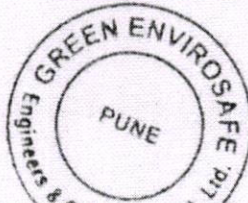
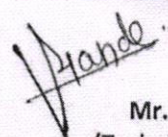
Vinod Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

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TEST REPORT				
Test Report No	GESEC/PRO/ST/2021-22/01/765		Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/765			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
1	Boiler 100 TPH		GESEC	
Shape	Round	Fuel Used	Bagasse	
Diameter/ Dimensions (m)	3.5	Pressure	4.2	
Height (m)	72			
Temperature (°k)	478	Velocity (m/s)	8.76	
Gas Volume (Nm ³)	189149.00			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	64.47
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	21.21
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤3840	96.55
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	28.31
Remarks-				
<ul style="list-style-type: none"> ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified 				
				
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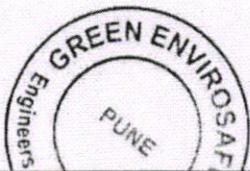
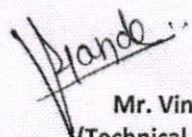
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2021-22/01/766		Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/766			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
2	Boiler 40 TPH		GESEC	
Shape	Round	Fuel Used	Bagasse	
Diameter/ Dimensions (m)	2.5	Pressure	3.4	
Height (m)	35			
Temperature (° k)	389	Velocity (m/s)	7.11	
Gas Volume (Nm ³)	96250.26			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	57.04
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	19.86
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤1920	45.87
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	22.93
Remarks- ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified				
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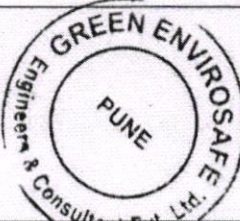
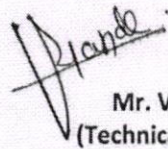
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2021-22/01/772		Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/772			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
07.01.2022	08.01.2022	08.01.2022	14.01.2022	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
1	DG SET 750 KVA		GESEC	
Shape	Round	Fuel Used	Diesel	
Diameter/ Dimensions (m)	0.2032	Pressure	3.4	
Height (m)	5.00			
Temperature (°K)	374	Velocity (m/s)	6.97	
Gas Volume (Nm ³)	648.49			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	49.65
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	18.24
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.28
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	20.63
Remarks- ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified				
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TEST REPORT

Test Report No	GESEC/PRO/ST/2021-22/01/773	Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/773		

Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306
--------------------------------	---

Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
07.01.2022	08.01.2022	08.01.2022	14.01.2022

Stack Details

Stack No/ID	Stack Attached to		Sampling done by
1	DG SET 750 KVA		GESEC
Shape	Round	Fuel Used	Diesel
Diameter/ Dimensions (m)	0.2032	Pressure	3.5
Height (m)	35		
Temperature (°K)	381	Velocity (m/s)	7.14
Gas Volume (Nm ³)	651.89		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	50.32
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	17.65
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.27
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	20.17

Remarks-

- All above results are well within MPCB Limit.
- N.S :Not Specified



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TEST REPORT				
Test Report No. -	GESEC/PRO/AAQM/2023-24/06/1183		Report Date	17.06.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1183			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Sugar)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
09.50 Am	5.50 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	30	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	21.04
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.37
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	47.09
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	20.11
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.98
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	12.21
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1184		Report Date	17.06.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1184				
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Project site (Co.Gen)			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
10.10 Am	6.10 pm			08 Hrs.	
Meteorological Data/Environmental Conditions					
Ambient Temperature °C	30	Wet Bulb Temperature °C	21		
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
10.06.2023	12.06.2023	12.06.2023	17.06.2023		
Parameters	Method	Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	18.79	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	20.11	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	45.34	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	18.65	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.27	
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	11.00	
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL	
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.					



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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1185		Report Date	17.06.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1185				
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Project site (Distillery)			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
10.25 Am	6.25 pm			08 Hrs.	
Meteorological Data/Environmental Conditions					
Ambient Temperature °C	30	Wet Bulb Temperature °C	21		
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
10.06.2023	12.06.2023	12.06.2023	17.06.2023		
Parameters	Method	Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.88	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	21.63	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	42.89	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	19.34	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.11	
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	10.79	
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL	
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.					



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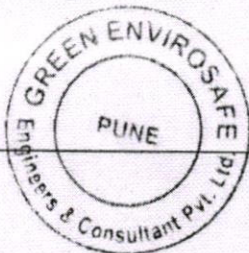
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1186		Report Date	17.06.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1186			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Waghalwadi		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.35 Am	6.35 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	30	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.74
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.33
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	44.05
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	21.36
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.61
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	11.18
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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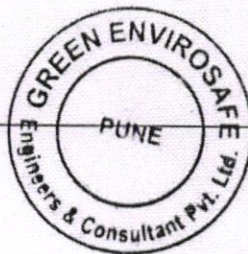
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TEST REPORT					
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1187			Report Date	17.06.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1187				
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Wanewadi			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
10.40 Am	06.40 pm			08 Hrs.	
Meteorological Data/Environmental Conditions					
Ambient Temperature °C	30	Wet Bulb Temperature °C	21		
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
10.06.2023	12.06.2023	12.06.2023	17.06.2023		
Parameters	Method	Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.89	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	20.64	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	44.22	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	19.79	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	09.16	
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	10.34	
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL	
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.					

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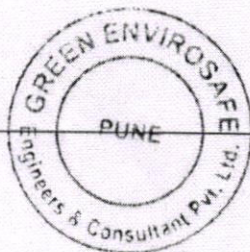
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1188		Report Date	17.06.2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1188			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Sadobachiwadi/ Potewasti		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.50 Am	06.50 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	30	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	20.66
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	22.02
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	42.98
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	18.33
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.46
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	11.09
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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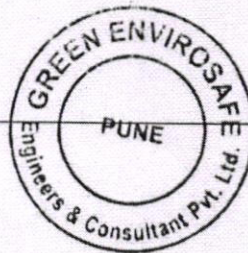
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TEST REPORT

Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1189		Report Date	17.06.2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1189				
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306				
Ambient Air Sample Details					
Type	Sampling Location			Sampling done by	
Ambient Air	Back Side Of Company			GESEC	
Sampling Time					
Start Time	Stop Time			Total Hrs.	
11.00 Am	7.00 pm			08 Hrs.	
Meteorological Data/Environmental Conditions					
Ambient Temperature °C	30	Wet Bulb Temperature °C	21		
Dry Bulb Temperature °C	30	Relative Humidity % RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date		
10.06.2023	12.06.2023	12.06.2023	17.06.2023		
Parameters	Method	Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.52	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	21.44	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	45.32	
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	19.85	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	8.44	
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	11.07	
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL	
Remark-					
<ul style="list-style-type: none"> ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit. 					



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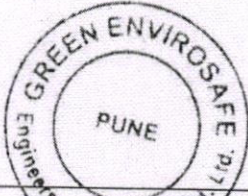
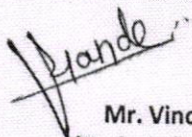
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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2023-24/06/1190	Report Date	17.06.2023
Sample ID: -	GESEC/PRO/ANLM/2023-24/06/1190		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	07/01/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings	CPCB Standards dB(A)
Project site (Sugar)	dB(A)	Day 62.2	75/70 dB(A)
Project site (Co.Gen)	dB(A)	61.6	
Project site (Distillery)	dB(A)	65.9	
Waghalwadi	dB(A)	60.1	
Wanewadi	dB(A)	62.3	
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB(A)			
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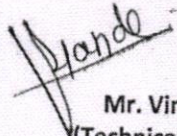
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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2023-24/06/1191	Report Date	17.06.2023
Sample ID: -	GESEC/PRO/ANLM/2023-24/06/1191		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	07/01/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings Night	CPCB Standards dB(A)
Project site (Sugar)	dB(A)	54.3	75/70 dB(A)
Project site (Co.Gen)	dB(A)	57.2	
Project site (Distillery)	dB(A)	60.6	
Waghalwadi	dB(A)	54.8	
Wanewadi	dB(A)	57.3	
Remark- > All above Noise level results are within Central Pollution Control Board Standards limit. > Day/Night -75/70 dB(A)			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

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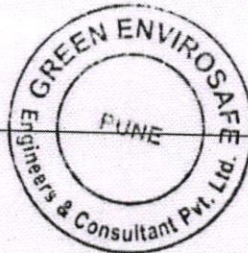
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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2023-24/06/1201				Report Date	17.06.2023
Sample ID: -	GESEC/PRO/DIL/2023-24/06/1201					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
10.06.2023	12.06.2023	12.06.2023			17.06.2023	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.1 750 KVA						
Without Enclosure	101.6	98.5	102.5	99.6	100.5	26.5
With Enclosure	74.2	72.6	76.1	73.4	74.0	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						



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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2023-24/06/1202				Report Date	17.06.2023
Sample ID: -	GESEC/PRO/DIL/2023-24/06/1202					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
10.06.2023	12.06.2023	12.06.2023			17.06.2023	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.2 750 KVA						
Without Enclosure	102.4	100.6	104.1	99.8	101.7	27.5
With Enclosure	74.7	73.6	75.6	72.9	74.2	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>***END OF REPORT***</p> </div> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p><i>Vinod Hande</i> Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p> </div> </div>						

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TEST REPORT

Test Report No	GESEC/PRO/ST/2023-24/06/1199	Report Date	17.06.2023
Sample ID -	GESEC/PRO/ST/2023-24/06/1199		

Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
10.06.2023	12.06.2023	12.06.2023	17.06.2023

Stack Details

Stack No/ID	Stack Attached to		Sampling done by
1	DG SET 750 KVA		GESEC
Shape	Round	Fuel Used	Diesel
Diameter/ Dimensions (m)	0.2032	Pressure	3.2
Height (m)	5.00		
Temperature (°k)	368	Velocity (m/s)	6.71
Gas Volume (Nm ³)	634.24		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	52.14
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	19.37
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.29
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	21.11

Remarks-

- All above results are well within MPCB Limit.
- N.S :Not Specified



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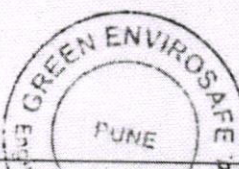
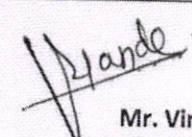
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/06/1200		Report Date	17.06.2023
Sample ID -	GESEC/PRO/ST/2023-24/06/1200			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
1	DG SET 750 KVA		GESEC	
Shape	Round	Fuel Used	Diesel	
Diameter/ Dimensions (m)	0.2032	Pressure	3.3	
Height (m)	35			
Temperature (° k)	384	Velocity (m/s)	6.96	
Gas Volume (Nm ³)	630.51			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	52.97
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	19.54
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.29
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	22.07
Remarks-				
<ul style="list-style-type: none"> ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified 				
<div style="text-align: center;">  </div> <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div>				

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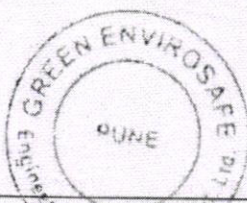
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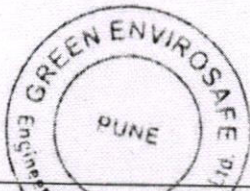
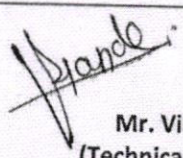
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/06/1192		Report Date	17.06.2023
Sample ID -	GESEC/PRO/ST/2023-24/06/1192			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
1	Boiler 100 TPH		GESEC	
Shape	Round	Fuel Used	Bagasse	
Diameter/ Dimensions (m)	3.5	Pressure	4.0	
Height (m)	72			
Temperature (°k)	453	Velocity (m/s)	8.32	
Gas Volume (Nm ³)	189615.68			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	61.82
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	18.67
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤3840	84.96
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	24.79
Remarks-				
<ul style="list-style-type: none"> ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified 				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>***END OF REPORT***</p> </div> <div>  </div> <div> <p><i>Vinod Hande</i></p> <p>Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p> </div> </div>				

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TEST REPORT				
Test Report No	GESEC/PRO/ST/2023-24/06/1193		Report Date	17.06.2023
Sample ID -	GESEC/PRO/ST/2023-24/06/1193			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
10.06.2023	12.06.2023	12.06.2023	17.06.2023	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
2	Boiler 40 TPH		GESEC	
Shape	Round	Fuel Used	Bagasse	
Diameter/ Dimensions (m)	2.5	Pressure	3.2	
Height (m)	35			
Temperature (° k)	389	Velocity (m/s)	6.90	
Gas Volume (Nm ³)	93376.47			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	58.89
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	17.21
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤1920	38.56
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	20.17
Remarks-				
<ul style="list-style-type: none"> ➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified 				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div> </div>				

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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/881		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/881			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Sugar)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.00 Am	06.00 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	18.03
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	20.79
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	32.07
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	18.96
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	13.04
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	8.99
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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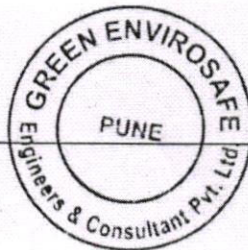
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/882		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/882			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Co.Gen)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.10 Am	06.10 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	18.89
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	20.19
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	34.67
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	17.12
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	13.89
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	7.11
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/883		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/883			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Project site (Distillery)		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.20 Am	06.20 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	17.86
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	19.42
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	30.63
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	17.01
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	12.47
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	8.22
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				

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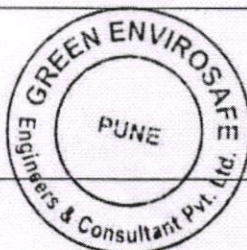
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/884		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/884			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Waghalwadi		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.30 Am	6.30 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	17.89
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	20.04
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	31.49
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	18.22
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	13.12
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	9.01
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



[Signature]
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 (Technical Manager)
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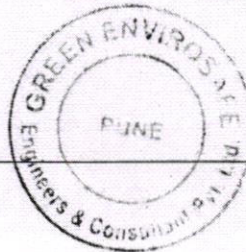
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/885		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/885			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Wanewadi		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.40 Am	06.40 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	17.05
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	16.34
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	31.85
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	10.17
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	12.64
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	7.01
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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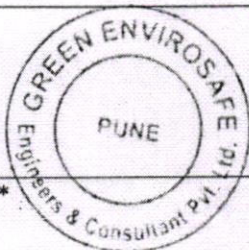
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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/886		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/886			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Sadobachiwadi/ Potewasti		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.50 Am	06.50 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	18.44
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	19.36
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	30.11
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	12.07
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	12.56
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 400	8.11
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	ng/m ³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edition	µg/m ³	≤ 1.0	BDL
Remark- ➤ All above results are within National Ambient Air Quality standards. ➤ BDL – Below Detectable Limit.				



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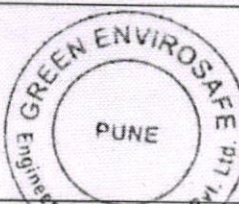
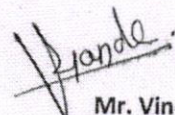


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TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/887		Report Date	19.07.2022
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/887			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Back Side Of Company		GESEC	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
11.00 Am	7.00 pm		08 Hrs.	
Meteorological Data/Environmental Conditions				
Ambient Temperature °C	24	Wet Bulb Temperature °C	14	
Dry Bulb Temperature °C	24	Relative Humidity % RH	67.7	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	18.63
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	19.99
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	30.21
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	12.07
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤ 180	12.22
Ammonia (NH ₃)	Method 401, Air Sampling and Analysis 3 rd Edition ,2013	µg/m ³	≤400	8.46
Carbon Monoxide (CO)	MASA-822 3rd Edition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	µg/m ³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 2011	ng/m ³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edition	µg/m ³	≤ 01	BDL
Nickel (Ni)	MASA-822 3rd Edition	ng/m ³	≤ 20	BDL



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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2022-23/07/888	Report Date	19.07.2022
Sample ID: -	GESEC/PRO/ANLM/2022-23/07/888		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	12/07/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings	CPCB Standards dB(A)
		Day	
Project site (Sugar)	dB(A)	60.3	75/70 dB(A)
Project site (Co.Gen)	dB(A)	61.4	
Project site (Distillery)	dB(A)	63.1	
Waghalwadi	dB(A)	57.7	
Wanewadi	dB(A)	60.9	
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB(A)			
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;">  Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By </div> </div>			

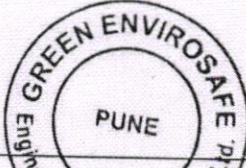
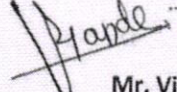
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TEST REPORT			
Test Report No: -	GESEC/PRO/ANLM/2022-23/07/889	Report Date	19.07.2022
Sample ID: -	GESEC/PRO/ANLM/2022-23/07/889		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306		
Ambient Noise Sample Details			
Type	Ambient Noise	Date of Sampling	12/07/2022
Sampling done by	GESEC		
Test Location	Unit	Average Noise Level Readings Night	CPCB Standards dB(A)
Project site (Sugar)	dB(A)	57.3	75/70 dB(A)
Project site (Co.Gen)	dB(A)	52.2	
Project site (Distillery)	dB(A)	57.1	
Waghalwadi	dB(A)	52.4	
Wanewadi	dB(A)	56.5	
Remark- ➤ All above Noise level results are within Central Pollution Control Board Standards limit. ➤ Day/Night -75/70 dB(A)			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

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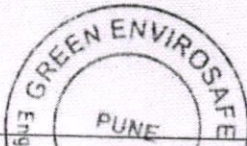
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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2022-23/07/898				Report Date	19.07.2022
Sample ID: -	GESEC/PRO/DIL/2022-23/07/898					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
12.07.2022	13.07.2022	13.07.2022			19.07.2022	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.1 750 KVA						
Without Enclosure	101.1	98.6	100.4	99.5	99.9	27.6
With Enclosure	74	71.1	73.5	72.6	72.3	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
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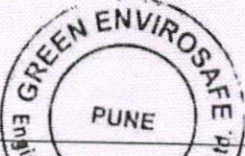
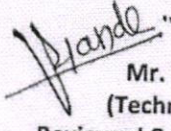
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TEST REPORT						
Test Report No: -	GESEC/PRO/DIL/2022-23/07/899				Report Date	19.07.2022
Sample ID: -	GESEC/PRO/DIL/2022-23/07/899					
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306					
DG Noise Monitoring Report						
Type	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Receipt Date	Analysis Start Date			Analysis End Date	
12.07.2022	13.07.2022	13.07.2022			19.07.2022	
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	Difference dB(A)
	North Side	East Side	South Side	West Side		
D. G Set No.2 750 KVA						
Without Enclosure	98.7	99.8	97.5	98.7	98.6	26.3
With Enclosure	71.2	72.5	74.1	71.5	72.3	
Remark- ➤ Maharashtra Pollution Control Board has prescribed minimum 25 dB (A) Noise as DG Insertion loss difference during With and Without enclosure of DG						
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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/07/890	Report Date	19.07.2022
Sample ID -	GESEC/PRO/ST/2022-23/07/890		

Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
12.07.2022	13.07.2022	13.07.2022	19.07.2022

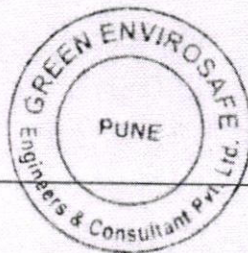
Stack Details

Stack No/ID	Stack Attached to		Sampling done by
1	Boiler 100 TPH		GESEC
Shape	Round	Fuel Used	Bagasse
Diameter/ Dimensions (m)	3.5	Pressure	3.3
Height (m)	72		
Temperature (° k)	389	Velocity (m/s)	7.00
Gas Volume (Nm ³)	185855.54		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	51.01
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	18.90
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤3840	84.30
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	22.14

Remarks-

- All above results are well within MPCB Limit.
- N.S :Not Specified



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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/07/891	Report Date	19.07.2022
Sample ID -	GESEC/PRO/ST/2022-23/07/891		

Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
12.07.2022	13.07.2022	13.07.2022	19.07.2022

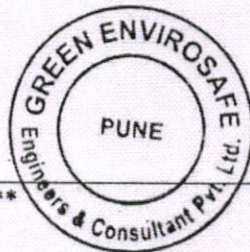
Stack Details

Stack No/ID	Stack Attached to		Sampling done by
2	Boiler 40 TPH		GESEC
Shape	Round	Fuel Used	Bagasse
Diameter/ Dimensions (m)	2.5	Pressure	3.2
Height (m)	35		
Temperature (°k)	371	Velocity (m/s)	6.73
Gas Volume (Nm ³)	95614.84		

Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	47.56
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	14.23
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤1920	32.65
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	20.11

Remarks-

- All above results are well within MPCB Limit.
- N.S :Not Specified



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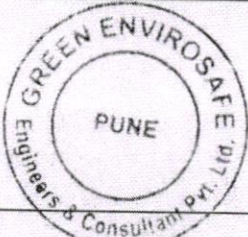
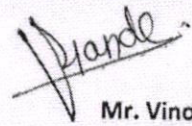
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TEST REPORT				
Test Report No	GESEC/PRO/ST/2022-23/07/896		Report Date	19.07.2022
Sample ID -	GESEC/PRO/ST/2022-23/07/896			
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306			
Sample Details				
Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date	
12.07.2022	13.07.2022	13.07.2022	19.07.2022	
Stack Details				
Stack No/ID	Stack Attached to		Sampling done by	
1	DG SET 750 KVA		GESEC	
Shape	Round	Fuel Used	Diesel	
Diameter/ Dimensions (m)	0.2032	Pressure	3.4	
Height (m)	5.00			
Temperature (°k)	352	Velocity (m/s)	6.76	
Gas Volume (Nm ³)	668.45			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	44.52
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	17.61
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.28
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	19.32
Remarks-				
➤ All above results are well within MPCB Limit. ➤ N.S :Not Specified				
				
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TEST REPORT

Test Report No	GESEC/PRO/ST/2022-23/07/897	Report Date	19.07.2022
Sample ID -	GESEC/PRO/ST/2022-23/07/897		

Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306
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Sample Details

Sample collection Date	Sample receipt Date	Analysis start Date	Analysis complete Date
12.07.2022	13.07.2022	13.07.2022	19.07.2022

Stack Details

Stack No/ID	Stack Attached to	Sampling done by
1	DG SET 750 KVA	GESEC
Shape	Round	Fuel Used
		Diesel
Diameter/ Dimensions (m)	0.2032	Pressure
		3.1
Height (m)	35	
Temperature (° k)	362	Velocity (m/s)
		6.55
Gas Volume (Nm ³)	629.40	

Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	≤150	48.36
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm ³	N.S	18.97
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	N.S	0.28
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	21.07

Remarks-

- All above results are well within MPCB Limit.
- N.S :Not Specified



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(Technical Manager)
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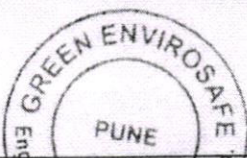
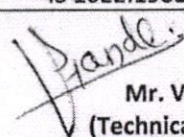
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TEST REPORT			
Test Report No - GESEC/PRO/W/2021-22/01/771	Report Date	14.01.2022	
Sample ID - GESEC/PRO/W/2021-22/01/771	Sample Details	Well Water (Near Compost area)	
Name & Address of the Customer – M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal:- Baramati Dist:- Pune, Pune - 412306	Type of Sample	Ground Water	
	Volume Of Sample	2 Lit plastics Can	
	Sample Status	Sealed	
	Sample Collected By	Client	
	Date of Sample Collection	07.01.2022	
	Date of Sample received in lab	08.01.2022	
	Analysis start Date	08.01.2022	
	Analysis End Date	14.01.2022	
WATER ANALYSIS REPORT			
Parameter	Result	Unit	Standard Method
Physical Parameter			
Turbidity	<0.1	NTU	IS:3025 Part-10:2019
Total Dissolved Solid	192.20	mg/l	IS:3025 Part-16:2017
Color	<5	Hazen	IS:3025 Part-4:2021
Electrical Conductivity	317.9	µS/Cm	IS:3025 Part-14:2013
Chemical Parameter			
pH	7.97	--	APHA 4500, 23 rd Edition:2017
Total Hardness	244.1	mg/l	IS:3025 Part-21:2019
Total Alkalinity	212	mg/l	IS:3025 Part-23:2019
Sulphate	66.75	mg/l	IS:3025 Part-24:2019
Residual Chlorine	0.26	mg/l	IS:3025 Part 26:2019
Chloride	149.95	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	35.27	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	37.92	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
Nitrate	12.3	mg/l	IS:3025 (Part 34):2019
Fluoride	1.44	mg/l	IS:3025 (Part 60):2019
Elemental Analysis			
Iron as Fe	0.024	mg/l	IS:3025 Part- 2:2019
lead	0.003	mg/l	IS:3025 Part- 2:2019
Microbiological Parameter			
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981
			
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By	

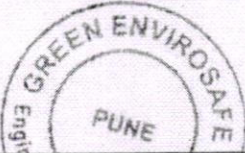
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TEST REPORT			
Test Report No - GESEC/PRO/W/2021-22/02/869	Report Date	12.02.2022	
Sample ID - GESEC/PRO/W/2021-22/02/869	Sample Details	Well Water (Near Compost area)	
Name & Address of the Customer – M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306	Type of Sample	Ground Water	
	Volume Of Sample	2 Lit plastics Can+250ml Sterile Bottle	
	Sample Status	Sealed	
	Sample Collected By	Client	
	Date of Sample Collection	07.02.2022	
	Date of Sample received in lab	08.02.2022	
	Analysis start Date	08.02.2022	
	Analysis End Date	12.02.2022	
WATER ANALYSIS REPORT			
Parameter	Result	Unit	Standard Method
Physical Parameter			
Turbidity	<0.1	NTU	IS:3025 Part-10:2019
Total Dissolved Solid	225.47	mg/l	IS:3025 Part-16:2017
Color	<5	Hazen	IS:3025 Part-4:2021
Electrical Conductivity	298.6	µS/Cm	IS:3025 Part-14:2013
Chemical Parameter			
pH	7.14	--	APHA 4500, 23 rd Edition:2017
Total Hardness	154.63	mg/l	IS:3025 Part-21:2019
Total Alkalinity	142.14	mg/l	IS:3025 Part-23:2019
Sulphate	51.32	mg/l	IS:3025 Part-24:2019
Residual Chlorine	0.26	mg/l	IS:3025 Part-26:2019
Chloride	36.47	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	24.96	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	17.32	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
Nitrate	2.13	mg/l	IS:3025 Part-34:2019
Fluoride	1.01	mg/l	IS:3025 Part-60:2019
Elemental Analysis			
Iron as Fe	0.021	mg/l	IS:3025 Part- 2:2019
lead	0.001	mg/l	IS:3025 Part- 2:2019
Microbiological Parameter			
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: right;"> <p><i>Hande</i> Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p> </div> </div>			

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TEST REPORT			
Test Report No - GESEC/PRO/W/2021-22/03/712	Report Date	16.03.2022	
Sample ID - GESEC/PRO/W/2021-22/03/712	Sample Details	Well Water (Near Compost area)	
Name & Address of the Customer – M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306	Type of Sample	Ground Water	
	Volume Of Sample	2 Lit plastics Can+250ml Sterile Bottle	
	Sample Status	Sealed	
	Sample Collected By	Client	
	Date of Sample Collection	10.03.2022	
	Date of Sample received in lab	11.03.2022	
	Analysis start Date	11.03.2022	
	Analysis End Date	16.03.2022	
WATER ANALYSIS REPORT			
Parameter	Result	Unit	Standard Method
Physical Parameter			
Turbidity	<0.1	NTU	IS:3025 Part-10:2019
Total Dissolved Solid	219.64	mg/l	IS:3025 Part-16:2017
Color	<5	Hazen	IS:3025 Part-4:2021
Electrical Conductivity	326.1	µS/Cm	IS:3025 Part-14:2013
Chemical Parameter			
pH	6.89	--	APHA 4500, 23 rd Edition:2017
Total Hardness	139.11	mg/l	IS:3025 Part-21:2019
Total Alkalinity	125.69	mg/l	IS:3025 Part-23:2019
Sulphate	49.17	mg/l	IS:3025 Part-24:2019
Residual Chlorine	0.26	mg/l	IS:3025 Part-26:2019
Chloride	34.9	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	24.96	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	15.21	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
Nitrate	1.61	mg/l	IS:3025 Part-34:2019
Fluoride	1.01	mg/l	IS:3025 Part-60:2019
Elemental Analysis			
Iron as Fe	0.019	mg/l	IS:3025 Part- 2:2019
lead	0.002	mg/l	IS:3025 Part- 2:2019
Microbiological Parameter			
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981


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TEST REPORT			
Test Report No - GESEC/PRO/W/2022-23/04/625	Report Date	11.04.2022	
Sample ID - GESEC/PRO/W/2022-23/04/625	Sample Details	Well Water (Near Compost area)	
Name & Address of the Customer – M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306	Type of Sample	Ground Water	
	Volume Of Sample	2 Lit plastics Can+250ml Sterile Bottle	
	Sample Status	Sealed	
	Sample Collected By	Client	
	Date of Sample Collection	04.04.2022	
	Date of Sample received in lab	05.04.2022	
	Analysis start Date	05.04.2022	
	Analysis End Date	11.04.2022	
WATER ANALYSIS REPORT			
Parameter	Result	Unit	Standard Method
Physical Parameter			
Turbidity	<0.1	NTU	IS:3025 Part-10:2019
Total Dissolved Solid	198.64	mg/l	IS:3025 Part-16:2017
Color	<5	Hazen	IS:3025 Part-4:2021
Electrical Conductivity	245.3	µS/Cm	IS:3025 Part-14:2013
Chemical Parameter			
pH	7.12	--	APHA 4500, 23 rd Edition:2017
Total Hardness	168.46	mg/l	IS:3025 Part-21:2019
Total Alkalinity	152.00	mg/l	IS:3025 Part-23:2019
Sulphate	44.63	mg/l	IS:3025 Part-24:2019
Residual Chlorine	0.26	mg/l	IS:3025 Part-26:2019
Chloride	30.11	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	20.17	mg/l	IS:3025 Part-40:2019
Magnesium (as Mg)	12.32	mg/l	APHA 3500- Mg, B, 23 rd Edition:2017
Nitrate	1.61	mg/l	IS:3025 Part-34:2019
Fluoride	1.02	mg/l	IS:3025 Part-60:2019
Elemental Analysis			
Iron as Fe	0.021	mg/l	IS:3025 Part- 2:2019
lead	0.001	mg/l	IS:3025 Part- 2:2019
Microbiological Parameter			
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981

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