

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 RE	PORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/7	GESEC/PRO/AAQM/2021-22/01/756				
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/75	Report Date	14.01	1.2022		
Name O Address of the	M/s.Shri Someshwar S.S.K. Limite	d				
Name & Address of the Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,				
customer	Pune - 412306					
	Ambient Air Sam	ple Details				
Туре	Sampling	Location		Sampling	done by	
Ambient Air	Project si	te (Sugar)		GES	EC	
	Sampling [*]	Γime				
Start Time	Stop	Time		Total	Hrs.	
09.30 Am	5.30) pm		08 Hrs.		
	Meteorological Data/Envir	onmental Conditions				
Ambient Temperature °C	27	Wet Bulb Tempera	ture °C	18		
Dry Bulb Temperature °C	27	Relative Humidity	/ % RH	40.	7	
Date of Sampling	Sample Receipt Date	Analysis Start I	Date	Analysis End Date		
07.01.2022	08.01.2022	08.01.2022		14.01.2022		
Parameters	Method		Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO₂)	IS:5182 (PART 2)	2017	μg/m³	≤ 80	20.79	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6)	2018	μg/m³	≤ 80	24.14	
Particulate Matter PM ₁₀	IS:5182 (PART 4)	2019	μg/m³	≤ 100	48.72	
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	21.32	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤ 180	11.41	
Ammonia (NH ₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	13.54	
Carbon Monoxide (CO)	MASA-822 3rd E	dition	mg/m³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol	1 2011	ng/m³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd E	dition	ng/m³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd E	dition	ng/m³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd E	dition	μg/m³	≤ 1.0	BDL	

Remark-

- > All above results are within National Ambient Air Quality standards.
- BDL Below Detectable Limit.

END OF REPORT

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	TEST RE	PORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/7					
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/7	ite 14.0	1.2022			
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	ed				
Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,				
Castomer	Pune - 412306					
	Ambient Air Sam	ple Details				
Туре	Sampling	Location		Sampling	done by	
Ambient Air	Project sit	e (Co.Gen)		GES		
	Sampling	Time				
Start Time	Stop	Time		Total	Hrc	
09.50 Am	5.50) pm		08 Hrs.		
	Meteorological Data/Envir	onmental Conditions			113.	
Ambient Temperature °C	. 27	Wet Bulb Tempera	18	₹		
Dry Bulb Temperature °C	27	Relative Humidity	40.			
Date of Sampling	Sample Receipt Date	Analysis Start D	Analysis End Date			
07.01.2022	08.01.2022	08.01.2022	14.01.2022			
Parameters	Method		Unit	NAAQ Standards	Resul	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	19.46	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	23.14	
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	52.64	
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	23.17	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	10.96	
Ammonia (NH ₃)	Method 401, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤400	13.32	
Carbon Monoxide (CO)	MASA-822 3rd Ed	ition	mg/m³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL	
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤06	BDL	
Nickel (Ni)	MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL	
ead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL	

All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

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	TEST RE	PORT						
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/7	GESEC/PRO/AAQM/2021-22/01/758						
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/7	Report Da	te 14.0	1.2022				
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	ed						
Customer	Someshwarnagar. Tal: - Baramati Pune - 412306	Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306						
	Ambient Air San	ple Details						
Туре	Sampling	Location		Sampling	done by			
Ambient Air	Project site	e (Distillery)		GES				
	Sampling '	Time						
Start Time	Stop	Time	•	Total	Hrs.			
09.40 Am	5.40) pm		08 Hrs.				
	Meteorological Data/Envir	onmental Conditions		0011	13.			
Ambient Temperature °C	27	Wet Bulb Tempera	18					
Dry Bulb Temperature °C	27	Relative Humidity	40.7					
Date of Sampling	Sample Receipt Date	Analysis Start D	Analysis End Date					
07.01.2022	08.01.2022	08.01.2022		14.01.2022				
Parameters	Method		Unit	NAAQ Standards	Resul			
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	21.34			
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	23.47			
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	50.11			
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	22.92			
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	11.12			
Ammonia (NH ₃)	Method 401, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤400	13.34			
Carbon Monoxide (CO)	MASA-822 3rd Ed	lition	mg/m³	≤ 04	BDL			
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL			
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1	2011	ng/m³	≤01	BDL			
Arsenic (As)	MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL			
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL			
Lead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL			

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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- the strictly maintain the confidentiality of all test result of complete collected by set complete by suctomer and not revel to third narry solving to the state of the confidentiality of all test result of complete collected by set confidentiality.



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.: U7,4900PN2013PTC149666

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

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	TEST RE	PORT			
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/75				
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/75	Report Da	te 14.03	1.2022	
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306				
	Ambient Air Sam	ple Details			
Type	Sampling	Location		Sampling	done by
Ambient Air	Wagh	alwadi		GES	
	Sampling 1	Гime	DOST COLOR DE LOS		
Start Time	Stop	Time		Total	Hrs.
10.00 Am	6.00) pm		08 Hrs.	
	Meteorological Data/Envir	onmental Conditions			
Ambient Temperature °C	. 27	Wet Bulb Tempera	18	3	
Dry Bulb Temperature °C	27	Relative Humidity	% RH	40.7	
Date of Sampling	Sample Receipt Date	Analysis Start D	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/m³	≤ 80	20.25
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	22.14
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	48.32
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	20.17
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	2013, alysis 3 rd Edition	μg/m³	≤ 180	11.13
Ammonia (NH ₃)	Method 401, Air Sampling and Ana	2013, alysis 3 rd Edition	μg/m³	≤400	13.03
Carbon Monoxide (CO)	MASA-822 3rd Ed	lition	mg/m³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL
Nickel (Ni)	' MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Ed	lition	μg/m³	≤ 1.0	BDL

Remark-

All above results are within National Ambient Air Quality standards.

END OF REPORT

BDL - Below Detectable Limit.

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	TEST RE	PORT			
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/76				
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/76	ate 14.01.2022			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306				
	Ambient Air Sam	ple Details			
Туре	Sampling	Location		Sampling	done by
Ambient Air	Wane	wadi		GES	•
	Sampling T	ime			
Start Time	Stop	Time .		Total	Hrs.
10.10 Am	06.10) pm		08 H	
	Meteorological Data/Enviro	onmental Conditions			10.
Ambient Temperature °C	27	Wet Bulb Tempera	ture ° C	18	3
Dry Bulb Temperature °C	27	Relative Humidity	% RH	40.	7
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis End Date	
07.01.2022	08.01.2022	08.01.2022		14.01.2022	
Parameters	Method	Marie Carlo	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	21.05
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2	2018	μg/m³	≤80	22.54
Particulate Matter PM10	IS:5182 (PART 4):2	2019	μg/m³	≤ 100	49.37
Particulate Matter PM _{2.5}	IS:5182 (PART 24):	2019	μg/m³	≤ 60	20.64
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	lysis 3 rd Edition ,2013	μg/m³	≤ 180	11.89
Ammonia (NH₃)	Method 401, Air Sampling and Ana	lysis 3 rd Edition ,2013	μg/m³	≤400	13.32
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m ³	≤ 04	BDL
Benzene (C₅H₅)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1	2011	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤ 06	BDL
Nickel (Ni)	. MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL

- All above results are within National Ambient Air Quality standards.
- BDL Below Detectable Limit.

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	TEST RE	PORT				
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/7		T			
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/7	Report Dat	ate 14.01.2022			
Novo O Adduses state	M/s.Shri Someshwar S.S.K. Limite	ed				
Name & Address of the Customer	Someshwarnagar. Tal: - Baramati					
Castomer	Pune - 412306					
	Ambient Air San	nple Details				
Туре	Sampling	g Location		Sampling	done by	
Ambient Air	, Sadobachiwa	ndi/ Potewasti		GES		
	Sampling	Time		,		
Start Time	Stop	Time		Total	Hrs.	
10.30 Am	06.3	0 pm	•	08 Hrs.		
	Meteorological Data/Envir	onmental Conditions				
Ambient Temperature °C	27	Wet Bulb Tempera	ture °C	18	3	
Dry Bulb Temperature °C	27	Relative Humidity	% RH	40.	7	
Date of Sampling	Sample Receipt Date	Analysis Start D	Date.	Analysis E	nd Date	
07.01.2022	08.01.2022	08.01.2022	1 lawr	14.01.2022		
Parameters	Method		Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2)	:2017	μg/m³	≤ 80	20.08	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6)	:2018	μg/m³	≤ 80	22.97	
Particulate Matter PM ₁₀	IS:5182 (PART 4):	:2019	μg/m³	≤ 100	48.23	
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	17.07	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and An	2013, alysis 3 rd Edition	μg/m³	≤ 180	10.22	
Ammonia (NH₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	14.01	
Carbon Monoxide (CO)	MASA-822 3rd Ed	dition	mg/m³	≤ 04	BDL	
Benzene (C₀H₅)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol	1 2011	ng/m³	≤ 01	BDL	
Arsenic (As)	MASA-822 3rd Ed	dition	ng/m³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Ed	dition	ng/m³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Ed	dition	μίg/m³	≤ 1.0	BDL	

A All above results are within National Ambient Air Quality standards.

END OF REPORT

BDL - Below Detectable Limit.

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	TEST REP	ORT	all lines and the second		
Test Report No: -	GESEC/PRO/AAQM/2021-22/01/76		T		
Sample ID: -	GESEC/PRO/AAQM/2021-22/01/76	Report Dat	Pate 14.01.2022		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati D Pune - 412306				
	Ambient Air Samp	le Details			
Туре	Sampling	ocation	T	Sampling	done by
Ambient Air	Back Side Of	Company		GES	
	Sampling Ti	me			
Start Time	Stop T	ime	1	Total	Hrs.
10.45 Am	6.45	pm		08 Hrs.	
	Meteorological Data/Enviro	nmental Conditions			
Ambient Temperature °C	27	Wet Bulb Tempera	ture ° C	18	
Dry Bulb Temperature °C	27	Relative Humidity	% RH	40.	.7
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	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):2	017	μg/m³	≤ 80	20.85
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2	018	μg/m³	≤ 80	22.33
Particulate Matter PM ₁₀	IS:5182 (PART 4):2	019	μg/m³	≤ 100	49.07
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2	2019	μg/m³	≤ 60	20.55
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Anal	ysis 3 rd Edition ,2013	μg/m³	≤ 180	10.89
Ammonia (NH₃)	Method 401, Air Sampling and Anal	ysis 3 rd Edition ,2013	μg/m³	≤400	11.63
Carbon Monoxide (CO)	MASA-822 3rd Edit	ion	mg/m³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006 (RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1	2011	ng/m³	≤ 01	BDL
Arsenic (As)	MASA-822 3rd Edit	ion	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Edit	ion	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Edit	ion	μg/m³	≤ 1.0	BDL

A All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

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END OF REPORT

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	TES	T REPORT			
Test Report No: -	GESEC/PRO/ANLM				
Sample ID: -	GESEC/PRO/ANLM	1/2021-22/01/763	Report Date	1.2022	
Name & Address of the Customer	M/s.Shri Someshv Someshwarnagar. Pune - 412306	war S.S.K. Limited . Tal: - Baramati Dist: - P	une,		
	Ambient N	loise Sample Details			
Туре	Am	bient Noise	1		Ι
Sampling done by		GESEC Date of Sa		mpling 07/01/20	
Test Location	Unit	Average Noise Lev	el Readings	СР	CB Standards
		Day	•	· dB(A)	
	dB(A)				
Project site (Sugar)		64.0			
	dB(A)	64.0			
Project site (Sugar) Project site (Co.Gen) Project site (Distillery)					
Project site (Co.Gen)	dB(A)	64.2		75	5/70 dB(A)

All above Noise level results are within Central Pollution Control Board Standards limit.

Day/Night -75/70 dB(A)

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	TES	ST REPORT					
Test Report No: -	GESEC/PRO/ANLA						
Sample ID: -		M/2021-22/01/764	Report Date	14.0	1.2022		
Name & Address of the Customer		war S.S.K. Limited . Tal: - Baramati Dist: - P	une,				
	Ambient M	Noise Sample Details					
Туре		bient Noise	T				
Sampling done by		GESEC	mpling 07/01/20				
Test Location	Unit	Average Noise Lev	el Readings	CP	CB Standards		
		Night		dB(A)			
Project site (Sugar)	dB(A)	62.1					
Project site (Co.Gen)	dB(A)	60.8					
Project site (Distillery)	dB(A)	63.3	*				
Waghalwadi	dB(A)	59.9		75	/70 dB(A)		
Wanewadi	dB(A)	61.4	73/70 db(A)				

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB(A)

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		TEST REPO	ORT						
Test Report No: -	GESEC/PRO/DIL/2021-22/01/774 Report Date 14.0								
Sample ID: -	GESEC/PRO/	14.01.2022							
	Chri Comosh								
Name & Address of the Customer	Shri Somesh Someshwarn Pune - 41230	agar. Tal: - B	nited aramati Dist: -	· Pune,		and the second second			
	DG	Noise Monit	oring Report						
Туре	DG Noise								
Sampling done by	GESEC								
Date of Sampling	Sample Red	ceipt Date	Ana	alysis Start Dat	e	Analysis End Date			
07.01.2022	08.01.	2022		08.01.2022		14.01.2022			
Test Location			g in dB(A) vay from DG		Avg.	Difference dB(A)			
	North Side	East Side	South Side	West Side		Difference ab(A)			
		. G Set No.1	750 KVA						
Without Enclosure	99.8	101.2	100.7	99.5	100.3				
With Enclosure	73.9	74.8	74.9	74.7	74.57	25.7			

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 REPO	ORT				
Test Report No: -	GESEC/PRO/	DIL/2021-22/	01/775	T		Τ	
Sample ID: -	GESEC/PRO/	14.01.2022					
						1	
	Shri Somesh	war S.S.K. Lin	nited		- J		
Name & Address of the Customer	Someshwarn	agar. Tal: - B	aramati Dist: -	Pune.			
	Pune - 41230			7.187			
	DG	Noise Monit	oring Report				
Туре	DG Noise						
Sampling done by	GESEC :						
	-						
Date of Sampling	Sample Rec	eipt Date	Ana	lysis Start Dat	e	Analysis End Date	
07.01.2022	08.01.	2022		08.01.2022		14.01.2022	
Test Location			in dB(A) vay from DG		Avg.		
rest Location		Difference dB(A)					
	North Side	East Side	South Side	West Side			
	Per p	. G Set No.2	750 KVA				
Without Enclosure	100.4	102.6	102.5	100.8	101.57		
With Enclosure	75.2	74.9	75.4	26.3			

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

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	TEST REPO	RT				
Test Report No	GESEC/PRO/ST/2021-22/01/76	Report Date	14.01.2022			
Sample ID -	GESEC/PRO/ST/2021-22/01/70	55				
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baran Pune - 412306		•			
	Sample Deta	ils				
Sample collection Date	Sample receipt Date	Analysis star	t Date An	alysis complete Date		
07.01.2022	08.01.2022	08.01.20	22	14.01.2022		
	, Stack Detail	ls				
Stack No/ID	Stack Attached to Sampling do					
1	Boiler 1	00 TPH		GESEC		
Shape	Round	Fuel Use	ed	Bagasse		
Diameter/ Dimensions (m)	3.5	Pressur	e 4.2			
Height (m)	72					
Temperature (° k)	478	Velocity (m/s) 8.70	6		
Gas Volume (Nm³)	189149.00					
Parameters	Method	Unit	Limit	Result		
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	64.47		
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	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/Nm³	N.S	28.31		

Remarks-

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

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TEST REPOR	₹T		
GESEC/PRO/ST/2021-22/01/76	56	Report Date	14.01.2022
GESEC/PRO/ST/2021-22/01/76	56		
Sample Deta	ils		
Sample receipt Date	Analysis star	t Date	Analysis complete Dat
08.01.2022	08.01.20	22	14.01.2022
Stack Detai	ls		
Stack Att	ached to	,	Sampling done by
Boiler	10 TPH		GESEC
Round	Fuel Use	ed	Bagasse
2.5	Pressur	e 3.	4
35		,	
389	Velocity (r	n/s) 7.	11
96250.26			
Method	Unit	Limit	Result
IS 11255 (Part 1) 2019	mg/Nm³	≤150	57.04
IS 11255 (Part 2) 2019	mg/Nm³	N.S	19.86
IS 11255 (Part 2) 2019	Kg/day	≤1920	45.87
IS 11255 (Part 7) 2017	mg/Nm³	N.S	22.93
	GESEC/PRO/ST/2021-22/01/76 GESEC/PRO/ST/2021-22/01/76 Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baran Pune - 412306 Sample Deta Sample receipt Date 08.01.2022 Stack Detai Stack Att Boiler 4 Round 2.5 35 389 96250.26 Method IS 11255 (Part 1) 2019 IS 11255 (Part 2) 2019 IS 11255 (Part 2) 2019	Sample Details	GESEC/PRO/ST/2021-22/01/766 Report Date GESEC/PRO/ST/2021-22/01/766 Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune, Pune - 412306 Analysis start Date Sample receipt Date Analysis start Date 08.01.2022 08.01.2022 Stack Details Stack Attached to Boiler 40 TPH Round Report Date 3.0 35 389 Velocity (m/s) 7.0 96250.26 Method Unit Limit IS 11255 (Part 1) 2019 mg/Nm³ ≤150 IS 11255 (Part 2) 2019 Mg/day ≤1920

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

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	TEST REPOR	RT		
Test Report No	GESEC/PRO/ST/2021-22/01/7	72	Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/7	72		1
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baran Pune - 412306			
	Sample Deta	ils		
Sample collection Date	Sample receipt Date	Analysis star	t Date A	nalysis complete Date
07.01.2022	08.01.2022	08.01.20	22	14.01.2022
	Stack Detai	ls		
Stack No/ID	Stack Att	ached to	.	Sampling done by
1	DG SET 7	750 KVA		GESEC
Shape	Round	Fuel Use	ed	Diesel
Diameter/ Dimensions (m)	0.2032	Pressur	e 3.4	4
Height (m)	5.00	1.2		
Temperature (° k)	374	Velocity (m/s) 6.9	97
Gas Volume (Nm³)	648.49		1	
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	49.65
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	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/Nm³	N.S	20.63

All above results are well within MPCB Limit.

N.S: Not Specified

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	TEST REPO	RT	-5, -500 tabu 450 t	
Test Report No	GESEC/PRO/ST/2021-22/01/7	73	Report Date	14.01.2022
Sample ID -	GESEC/PRO/ST/2021-22/01/7		mepont butte	14.01.2022
	Shri Someshwar S.S.K. Limite	d		
Name & Address of the Customer	Someshwarnagar. Tal: - Barai	mati Dist: - Pune.		
	Pune - 412306			
	Sample Det	ails		
Sample collection Date	Sample receipt Date	Analysis star	t Date Ana	lysis complete Dat
07.01.2022	08.01.2022	08.01.20		14.01.2022
	Stack Detail	ils		
Stack No/ID	Stack Att	ached to	S	ampling done by
1	DG SET	750 KVA		GESEC
Shape	Round	Fuel Use	d	Diesel
Diameter/ Dimensions (m)	0.2032	Pressure	3.5	Oicsei
Height (m)	35			
Temperature (° k)	381	Velocity (n	n/s) 7.14	
Gas Volume (Nm³)	651.89			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	50.32
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	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/Nm³	N.S	20.17

All above results are well within MPCB Limit.

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	TEST RE	PORT					
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	183	T				
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1	183	Report Da	Date 17.06.2023			
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306						
	Ambient Air Sam	ple Details					
Туре	Sampling	Sampling Location Sampling done					
Ambient Air	Project si	ite (Sugar)		GES	-		
	Sampling 7	Time		1			
Start Time	Stop	Time		Total	Hrs.		
09.50 Am	5.50) pm		08 H			
	Meteorological Data/Envir	onmental Conditions			113.		
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	21			
Dry Bulb Temperature °C	30	Relative Humidity	/ % RH	38.5			
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis End Date			
10.06.2023	12.06.2023	12.06.2023		17.06.	200000000000000000000000000000000000000		
Parameters	Method		Unit	NAAQ Standards	Resul		
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	21.04		
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	22.37		
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	47.09		
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	20.11		
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	8.98		
Ammonia (NH ₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	12.21		
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m³	≤ 04	BDL		
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL		
Benzo(a)Pyrene (BaP)	, CPCB Manual Vol 1	2011	ng/m³	≤01	BDL		
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤ 06	BDL		
Nickel (Ni)	MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL		
Lead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL		

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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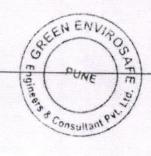
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	TEST RE	PORT				
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	184				
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1		Report Da	te 17.0	17.06.2023	
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite					
Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,				
customer	Pune - 412306					
	Ambient Air Sam	ple Details				
Туре	Sampling	Location		Sampling	done by	
Ambient Air	Project site	ite (Co.Gen) Sampling done				
	Sampling T			GLC	-	
Start Time	Stop	Time		Total	Hrc	
10.10 Am	6.10	pm		08 H		
	Meteorological Data/Enviro			08 11	15.	
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	2:	ı	
Dry Bulb Temperature °C	30	Relative Humidity	% RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis E		
10.06.2023	12.06.2023	12.06.2023		17.06.		
Parameters	Method		Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2	2017	μg/m³	≤80	18.79	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):2	2018	μg/m³	≤ 80	20.11	
Particulate Matter PM ₁₀	IS:5182 (PART 4):2	2019	μg/m³	≤ 100	45.34	
Particulate Matter PM _{2,5}	IS:5182 (PART 24):	2019	μg/m³	≤ 60	18.65	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	lysis 3 rd Edition ,2013	μg/m³	≤ 180	8.27	
Ammonia (NH₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	11.00	
Carbon Monoxide (CO)	MASA-822 3rd Edi		mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL	
Arsenic (As)	MASA-822 3rd Edi	tion	ng/m ³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Edi	tion	ng/m ³	≤ 20	BDL	
.ead (Pb)	MASA-822 3rd Edi	M	μg/m³	≤ 1.0	BDL	

All above results are within National Ambient Air Quality standards. A

BDL - Below Detectable Limit.

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	TEST RI	PORT	100			
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	185	1			
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1	185	Report Da	ate 17.0	17.06.2023	
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	ed	-			
Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,				
	Pune - 412306					
	, Ambient Air San	ple Details				
Туре	Sampling	Sampling Location Sampling done				
Ambient Air	Project site	e (Distillery)	GES			
	Sampling '	Time		1		
Start Time	Stop	Time		Total	Hre	
10.25 Am	6.25	5 pm		08 H		
	Meteorological Data/Envir	onmental Conditions			13.	
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	21		
Dry Bulb Temperature °C	30	Relative Humidity	% RH	38.5		
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis End Dat		
10.06.2023	12.06.2023	12.06.2023		17.06.		
Parameters	Method		Unit	NAAQ Standards	Result	
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	19.88	
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018 .	μg/m³	≤ 80	21.63	
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	42.89	
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	19.34	
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	8.11	
Ammonia (NH₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	10.79	
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m ³	≤ 04	BDL	
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL	
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL	
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤ 06	BDL	
Nickel (Ni)	MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL	
Lead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL	

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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	TEST REPO	RT			
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1186	5			
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1186	5	Report Da	te 17.0	6.2023
Name & Address of the	M/s.Shri Someshwar S.S.K. Limited		1		
Customer	Someshwarnagar. Tal: - Baramati Dis	st: - Pune,			
	Pune - 412306				
	Ambient Air Sample	Details			
Туре	Sampling Lo	cation		Sampling	done by
Ambient Air	Waghalw				
	Sampling Tim	e			
Start Time	Stop Tir	ne		Total	Hrs
10.35 Am	' 6.35 pr	n		08 H	
	Meteorological Data/Environi	mental Conditions		001	113.
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	2:	ı
Dry Bulb Temperature °C	30	Relative Humidity	% RH	38.5	
Date of Sampling	Sample Receipt Date	Analysis Start D		Analysis E	
10.06.2023	12.06.2023	12.06.2023		17.06.2023	
Parameters	Method		Unit	NAAQ Standards	Resul
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):203	17	μg/m³	≤ 80	20.74
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):201	18	μg/m³	≤ 80	22.33
Particulate Matter PM ₁₀	IS:5182 (PART 4):201	19	μg/m³	≤ 100	44.05
Particulate Matter PM _{2.5}	IS:5182 (PART 24):20	19	μg/m³	≤ 60	21.36
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Analys	is 3 rd Edition ,2013	μg/m³	≤ 180	8.61
Ammonia (NH ₃)	Method 401, Air Sampling and Analys	is 3 rd Edition ,2013	μg/m³	≤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	A 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1 20	11	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Editio	n	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Editio	n	ng/m³	≤ 20	BDL
ead (Pb)	MASA-822 3rd Editio	n	μg/m³	≤ 1.0	BDL

All above results are within National Ambient Air Quality standards.

END OF REPORT

BDL – Below Detectable Limit.

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	' TEST RE	PORT			
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	.187	Towns and the second		
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1		Report Da	te 17.0	6.2023
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	ed			
Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,	•		
	Pune - 412306				
	Ambient Air Sam	ple Details			
Туре		Location		Sampling	done bu
Ambient Air	Wan	/anewadi			EC By
	Sampling	Time			LC
Start Time		Time		Total	Use
10.40 Am		0 pm		08 H	
	Meteorological Data/Envir			U8 H	rs.
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	21	
Dry Bulb Temperature ° C	30	Relative Humidity		38.5	
Date of Sampling	Sample Receipt Date	Analysis Start D	Control of the Contro		
10.06.2023	12.06.2023	12.06.2023		Analysis End Da 17.06.2023	
Parameters	Method		Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	19.89
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	20.64
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	44.22
Particulate Matter PM _{2.5}	IS:5182 (PART 24):	:2019	μg/m³	≤ 60	19.79
Ozone(O₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	09.16
Ammonia (NH ₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	10.34
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL
.ead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤1.0	BDL

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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	TEST R				
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	1188			
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1		Report Da	te 17.0	6.2023
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306	ed			
	Ambient Air San	nple Details			
Туре		g Location	•	Campling	d1
Ambient Air		mpling Location Sampling done achiwadi/ Potewasti GESEC			-
	Sampling			GES	EC
Start Time		Time		Total	Here
10.50 Am		0 pm		Total	
	Meteorological Data/Envir			08 H	rs.
Ambient Temperature ° C	30	Wet Bulb Tempera	ture °C	21	
Dry Bulb Temperature ° C	30	Relative Humidity		38.5	
Date of Sampling	Sample Receipt Date	Analysis Start D			
10.06.2023	12.06.2023	12.06.2023	-	Analysis E 17.06.	
Parameters	Method		Unit	NAAQ Standards	Resul
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	20.66
Oxides of Nitrogen (NO ₂)	' IS:5182 (PART 6):	2018	μg/m³	≤ 80	22.02
Particulate Matter PM10	IS:5182 (PART 4):	2019	μg/m³	≤ 100	42.98
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	18.33
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	8.46
Ammonia (NH₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	11.09
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1	1 2011	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL
ead (Pb)	MASA-822 3rd Ed	lition	μg/m³	≤ 1.0	BDL

All above results are within National Ambient Air Quality standards.

BDL - Below Detectable Limit.

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Mob+ 9545084620, 8421365421

CIN No.: U74900PN2013PTC149666

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

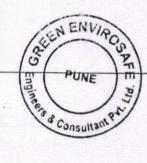
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	TEST RE	EPORT			
Test Report No: -	GESEC/PRO/AAQM/2023-24/06/1	189			
Sample ID: -	GESEC/PRO/AAQM/2023-24/06/1		Report Dat	te 17.0	6.2023
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306	ed		di sasa	
	Ambient Air San	nple Details			
Туре	, Sampling	g Location		Comulia	d1
Ambient Air		Of Company		Sampling GES	
	Sampling		1	GES	iec .
Start Time		Time	П	T I	
11.00 Am		0 pm		Total	
	Meteorological Data/Envir			08 H	rs.
Ambient Temperature °C	30	Wet Bulb Tempera	ture °C	21	
Dry Bulb Temperature °C	30	Relative Humidity		38.5	
Date of Sampling	Sample Receipt Date	Analysis Start D			
10.06.2023	12.06.2023	12.06.2023		Analysis End Dat 17.06.2023	
Parameters	Method		Unit	NAAQ Standards	Resul
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³	≤80	19.52
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	21.44
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	45.32
Particulate Matter PM _{2.5}	IS:5182 (PART 24)		μg/m³	≤ 60	19.85
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition .2013	μg/m³	≤ 180	8.44
Ammonia (NH₃)	Method 401, Air Sampling and Ana		μg/m³	≤400	11.07
Carbon Monoxide (CO)	MASA-822 3rd Ed		mg/m ³	≤ 04	BDL
Benzene (C₅H₅)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed		ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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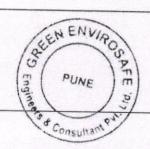


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	TEST REF	PORT			
Test Report No: -	GESEC/PRO/ANLM/202	3-24/06/1190	Report		
Sample ID: -	GESEC/PRO/ANLM/202				6.2023
			,		
Name C Add	M/s.Shri Someshwar S.				
Name & Address of the Customer	Someshwarnagar. Tal:	Baramati Dist: - P	une,		
	Pune - 412306				
	Ambient Noise	Sample Details			
Туре	Ambient	Noise			T
Sampling done by	GESE	С	Date of Sa	mpling	07/01/2022
	T				
Test Location	Unit	Average Noise Level		CD	CB Standards
		Read		Cr	dB(A)
Project site (Sugar)	dB(A)	Da	У	- UD(A)	
roject site (sugar)		62.	2		
Project site (Co.Gen)	dB(A)	61.	c		
	dD(a)	01.	0		
Project site (Distillery)	dB(A)	65.	9		
Waghalwadi	dB(A)			75/70 dB(A)	
Waghalwadi Wanewadi	dB(A)	60.	1	75	/70 dB(A)

All above Noise level results are within Central Pollution Control Board Standards limit.

Day/Night -75/70 dB(A)



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	TEST REP	ORT				
Test Report No: -	GESEC/PRO/ANLM/202	3-24/06/1191	Report			
Sample ID: -	GESEC/PRO/ANLM/2023		Date	17.0	6.2023	
Name & Address of the Customer	M/s.Shri Someshwar S. Someshwarnagar. Tal: - Pune - 412306		une,			
	Ambient Noise S	ample Details				
Туре	Ambient I		1		Т —	
Sampling done by	GESEC		Date of Sa	mpling	07/01/2022	
Test Location	Unit	Average No	pise Level	CP	CPCB Standards	
			nt		UD(A)	
	dB(A)	Nigh			ОБ(А)	
Project site (Sugar)	dB(A)	Nigh	3 .		ОБ(А)	
Project site (Sugar) Project site (Co.Gen) Project site (Distillery)	1	Nigi 54.	2		СВ(А)	
Project site (Sugar) Project site (Co.Gen)	dB(A)	Nigh 54.	3	75	/70 dB(A)	

- All above Noise level results are within Central Pollution Control Board Standards limit.
- Day/Night -75/70 dB(A)

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		TEST REP	ORT				
Test Report No: -	GESEC/PRO/					1	
Sample ID: -	GESEC/PRO/			Repor	t Date	17.06.2023	
			00,1201				
	Shri Somesh	war S.S.K. Lir	nited		4		
Name & Address of the Customer	Someshwarn	agar. Tal: - B	aramati Dist:	Pune.			
	Pune - 41230	6		,			
	DG	Noise Monit	oring Report				
Туре	DG Noise						
Sampling done by	GESEC						
Date of Sampling	Sample Red	eipt Date	Ana	alysis Start Dat	e	Analysis End Date	
10.06.2023	12.06.	2023	12.06.2023				
						17.06.2023	
		Reading	in dB(A)				
Test Location	0.5 mtr. Away from DG			Avg.	Difference dB(A)		
	North Side	East Side	South Side	West Side		Directice ab(A)	
	. :C	. G Set No.1	750 KVA				
Without Enclosure	101.6	98.5	102.5	99.6	100.5		
With Enclosure	74.2	72.6	76.1	73.4		26.5	

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 REP	ORT						
Test Report No: -	GESEC/PRO/			1					
Sample ID: -	GESEC/PRO/	DIL/2023-24	/06/1202	Repoi	rt Date	17.06.2023			
	1	, , , , , , , , , , , , , , , , , , , ,	00/1202			1			
Name & Address of the Customer	Someshwarn	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306							
	DG	Noise Monit	oring Report						
Туре	DG Noise								
Sampling done by	GESEC								
Date of Sampling	Sample Rec	eipt Date	An	olucia Stant D.					
10.06.2023	12.06.		Alle	alysis Start Dat	ite Analysis En				
	1 22.00.			12.06.2023		17.06.2023			
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	D.W. 104			
	North Side	East Side	South Side	West Side		Difference dB(A)			
	D	. G Set No.2			l				
Without Enclosure	102.4	100.6	104.1	99.8	101.7				
With Enclosure	' 74.7	73.6	75.6 72.9			27.5			
mark-			75.0	12.5	74.2				

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	TEST REPO	RT			
Test Report No	GESEC/PRO/ST/2023-24/06/1	199	Report Date	17.06.2023	
Sample ID -	GESEC/PRO/ST/2023-24/06/1		1 meeting 1	17.00.2023	
	Shri Someshwar S.S.K. Limite	d			
Name & Address of the Customer	Customer Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306				
	Sample Det	ails			
Sample collection Date	Sample receipt Date	Analysis star	rt Date Ana	lysis complete Dat	
10.06.2023	, 12.06.2023	12.06.20		17.06.2023	
	Stack Deta	ils		17100.2023	
Stack No/ID	Stack Attached to			ampling done by	
1	DG SET 750 KVA			GESEC GESEC	
Shape	Round	Fuel Used		Diesel	
Diameter/ Dimensions (m)	0.2032	Pressur		Diesei	
Height (m)	5.00				
Temperature (° k)	368	Velocity (r	n/s) 6.71		
Gas Volume (Nm³)	634.24	Telecia, (1	1437 0.71		
Parameters	Method	Unit	Limit	Result	
otal Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150		
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	N.S	52.14	
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day		19.37	
Oxides of Nitrogen (NO ₂)			N.S	0.29	
	IS 11255 (Part 7) 2017	mg/Nm ³	N.S	21.11	

All above results are well within MPCB Limit.

N.S :Not Specified

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	TEST REPO	ORT	18.		
Test Report No	GESEC/PRO/ST/2023-24/06/2	1200	Report Date		
Sample ID -	GESEC/PRO/ST/2023-24/06/1		Report Date	17.06.2023	
	, , , , , , , , , , , , , , , , , , , ,	.200			
Name & Address of the Customer	Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Bara Pune - 412306				
	Sample Det	ails			
Sample collection Date	Sample receipt Date	Analysis star	rt Date Ar	alysis complete Dat	
10.06.2023	12.06.2023	12.06.20		17.06.2023	
	Stack Deta	ils	-	27.00.2023	
Stack No/ID	Stack Att		Sampling done by		
1	DG SET 750 KVA			GESEC GESEC	
Shape	Round	Fuel Used		Diesel	
Diameter/ Dimensions (m)	0.2032	Pressur	e 3.3	Diesei	
Height (m)	35				
Temperature (° k)	384	Velocity (r	n/s) 6.96		
Gas Volume (Nm³)	630.51		0.50		
Parameters	Method	Unit			
otal Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm ³	Limit	Result	
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	≤150	52.97	
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019		N.S	19.54	
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	Kg/day	N.S	0.29	
emarks-	13 11255 (Part /) 201/	mg/Nm ³	N.S	22.07	

All above results are well within MPCB Limit.

N.S: Not Specified

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	TEST REPO	ORT			
Test Report No	GESEC/PRO/ST/2023-24/06/3	1192	Report Date	17.00.2022	
Sample ID -	GESEC/PRO/ST/2023-24/06/:		Report Date	17.06.2023	
Name & Address of the Customer	Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Bara Pune - 412306		•	q	
	Sample Det	tails			
Sample collection Date	Sample receipt Date	Analysis star	rt Date An	alysis complete Dat	
10.06.2023	12.06.2023	12.06.20		17.06.2023	
Alexander de la companya de la comp	Stack Deta			17.00.2023	
Stack No/ID	Stack Attached to			Sampling done by	
1	Boiler 100 TPH			GESEC GESEC	
Shape	Round	Fuel Used		Bagasse	
Diameter/ Dimensions (m)	3.5	Pressur		4.0	
Height (m)	72				
Temperature (°k)	453	Velocity (r	n/s) 8.32		
Gas Volume (Nm³)	189615.68		.,, 0,0,0		
Parameters	Method	Unit	Limit	1 5 :-	
otal Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	Result	
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	N.S	61.82	
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤3840	18.67 84.96	
xides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm³	N.S	24.79	

All above results are well within MPCB Limit.

N.S :Not Specified

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Sample ID - G	SESEC/PRO/ST/2023-24/06/2 SESEC/PRO/ST/2023-24/06/2		Report Date	/-	
Sample ID - G			meport bate	17 06 2022	
S		1193		17.06.2023	
	hri Someshwar S.S.K. Limite omeshwarnagar. Tal: - Bara une - 412306				
	Sample Det	ails			
Sample collection Date	Sample receipt Date	Analysis star	t Date Ana	dual L	
10.06.2023	12.06.2023	12.06.20		lysis complete Date	
	Stack Deta		23 .	17.06.2023	
Stack No/ID		ached to			
2	Boiler 40 TPH			ampling done by	
Shape	Round			GESEC	
Diameter/ Dimensions (m) 2.5		Fuel Use		Bagasse	
Height (m) 35		Pressure	3.2	3.2	
Temperature (°k) 38					
6 111 11 21		Velocity (n	n/s) 6.90		
cas volume (Niii) 93	376.47				
Parameters	Method	Unit			
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	Limit	Result	
ulphur Dioxide (SO ₂)			≤150	58.89	
	IS 11255 (Part 2) 2019	mg/Nm³	N.S	17.21	
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/day	≤1920	38.56	
oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm³	N.S	20.17	

are well within MPCB Limit.

N.S :Not Specified



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	TEST RE	PORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/8	81		1	
Sample ID: -		ESEC/PRO/AAQM/2022-23/07/881 Report Dat			
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite				
Customer	Someshwarnagar. Tal: - Baramati Pune - 412306	Dist: - Pune,		Sampling GES Total 08 H 67 Analysis I 19.07. NAAQ Standards ≤ 80 ≤ 100 ≤ 60 ≤ 180 ≤ 400	
	Ambient Air Sam	ple Details			
Туре	Sampling	Location		Sampling	done hu
Ambient Air		te (Sugar)			
	Sampling				
Start Time		Time		Total	Ura
10.00 Am		0 pm		Total Hrs.	
	Meteorological Data/Envir			U8 H	irs.
Ambient Temperature ° C	24	Wet Bulb Temperature ° C		1/	1
Dry Bulb Temperature ° C	24	Relative Humidity % RH			
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Dat	
12.07.2022	13.07.2022	13.07.2022		19.07.2022	
Parameters	. Method		Unit	NAAQ	Resul
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³		18.03
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	20.79
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	32.07
Particulate Matter PM _{2.5}	IS:5182 (PART 24):	:2019	μg/m³	≤ 60	18.96
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³		13.04
Ammonia (NH ₃)	Method 401, Air Sampling and Ana		μg/m³		8.99
Carbon Monoxide (CO)	MASA-822 3rd Ed	ition	mg/m³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1		ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	ition	ng/m³	≤06	BDL
Nickel (Ni)	MASA-822 3rd Ed	ition	ng/m³	≤ 20	BDL
ead (Pb)	MASA-822 3rd Ed	ition	μg/m³	≤ 1.0	BDL

All above results are within National Ambient Air Quality standards.

BDL – Below Detectable Limit.

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 - We strictly maintain the confidentiality of all test result of complete collected by use concluded by sustance and not apply to the destruction.



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	TEST RI	EPORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/8	882			
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/8	82	Report Date 19.		7.2022
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limito Someshwarnagar. Tal: - Baramati Pune - 412306	ed	•		
	Ambient Air San	nple Details			
Type	, Sampling	g Location		Sampling	done hy
Ambient Air	Project sit	te (Co.Gen)		GES	
	Sampling	Time			
Start Time	Stop	Time		Total	Hrs.
10.10 Am	06.1	.0 pm		08 Hrs.	
	Meteorological Data/Envir	onmental 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 E	nd Date
12.07.2022	13.07.2022	13.07.2022		19.07.	
Parameters	Method	Unit		NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³	≤80	18.89
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤80	20.19
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	34.67
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	17.12
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤ 180	13.89
Ammonia (NH ₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	7.11
Carbon Monoxide (CO)	MASA-822 3rd Ed	lition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol :	1 2011	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Ed	lition	μg/m³	≤ 1.0	BDL

All above results are within National Ambient Air Quality standards.

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BDL – Below Detectable Limit.

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	TEST RE	PORT					
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/8	83					
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/8	83	Report Da	7.2022			
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	d -					
Customer	Someshwarnagar. Tal: - Baramati Pune - 412306	Dist: - Pune,					
	Ambient Air Sam	ple Details					
Туре	Sampling	Location		Sampling	done by		
Ambient Air	Project site	(Distillery)		GES	***		
	Sampling '	Time					
Start Time	Stop	Total	Hrs.				
10.20 Am	06.2	0 pm		08 Hrs.			
	Meteorological Data/Envir	onmental Conditions					
Ambient Temperature ° C	24	Wet Bulb Temperature ° C		14	1		
Dry Bulb Temperature ° C	- 24	Relative Humidity % RH		67.7			
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Dat			
12.07.2022	13.07.2022	13.07.2022	13.07.2022		2022		
Parameters	Method	Unit		NAAQ Standards	Result		
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	17.86		
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	19.42		
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	30.63		
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	17.01		
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and An	2013, alysis 3 rd Edition	μg/m³	≤ 180	12.47		
Ammonia (NH ₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	8.22		
Carbon Monoxide (CO)	MASA-822 3rd Ed	lition	mg/m ³	≤ 04	BDL		
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL		
Benzo(a)Pyrene (BaP)	CPCB Manual Vol :	1 2011	ng/m³	≤ 01	BDL		
Arsenic (As)	' MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL		
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL		
Lead (Pb)	MASA-822 3rd Ed	lition	μg/m³	≤ 1.0	BDL		

Remark-

All above results are within National Ambient Air Quality standards.

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BDL - Below Detectable Limit.

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	TEST RE	PORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/8	84			
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/8	84	ate 19.07.2022		
Name & Address of the Customer	M/s.Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Baramati Pune - 412306			1 22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	Ambient Air Sam	ple Details			-
Туре	Sampling	Location		Sampling	done by
Ambient Air	Wagh	alwadi		GES	
	Sampling '	Time			
Start Time	Stop	Time		Total	Hrs.
10.30 Am	6.30) pm		08 Hrs.	
	Meteorological Data/Envir	onmental 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 E	nd Date
12.07.2022	13.07.2022	13.07.2022	13.07.2022		2022
Parameters	Method		Unit	NAAQ Standards	Result
Sulphur Dioxide (SO₂)	IS:5182 (PART 2):	2017	μg/m³	≤ 80	17.89
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	20.04
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	31.49
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	18.22
Ozone(O₃) For 1 Hrs.	Method 411, Air Sampling and An	2013, alysis 3 rd Edition	μg/m³	≤ 180	13.12
Ammonia (NH ₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	9.01
Carbon Monoxide (CO)	MASA-822 3rd Ed	dition	mg/m ³	≤ 04	BDL
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol :	1 2011	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	dition	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	dition	ng/m³	≤ 20	BDL
Lead (Pb)	MASA-822 3rd Ed	dition	μg/m³	≤ 1.0	BDL

Remark-

3.

- All above results are within National Ambient Air Quality standards.
- BDL Below Detectable Limit.

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	TEST RE	PORT					
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/8	85					
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/8	85	Report Date	Report Date 19.0			
Name & Address of the	M/s.Shri Someshwar S.S.K. Limite	ed					
Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,					
customer	Pune - 412306						
	Ambient Air San	ple Details					
Туре	Sampling	g Location		Sampling	done by		
Ambient Air	Wan	ewadi		GES	EC		
	Sampling '	Time					
Start Time	Stop	Time		Total	Hrs.		
10.40 Am	. 06.4	0 pm		08 Hrs.			
	Meteorological Data/Envir	onmental 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 E	nd Date		
12.07.2022	13.07.2022	13.07.2022		19.07.2022			
Parameters	Method	F 2 1	Unit	NAAQ Standards	Result		
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2)	:2017	μg/m³	≤ 80	17.05		
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6)	:2018	μg/m³	≤ 80	16.34		
Particulate Matter PM ₁₀	IS:5182 (PART 4)	:2019	μg/m³	≤ 100	31.85		
Particulate Matter PM _{2.5}	IS:5182 (PART 24)	:2019	μg/m³	≤ 60	10.17		
Ozone(O₃) For 1 Hrs.	Method 411, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤ 180	12.64		
Ammonia (NH₃)	Method 401, Air Sampling and An	alysis 3 rd Edition ,2013	μg/m³	≤400	7.01		
Carbon Monoxide (CO)	MASA-822 3rd E	dition	mg/m ³	≤ 04	BDL		
Benzene (C ₆ H ₆)	IS 5182 (Part 11) :2006	5 (RA 2017)	μg/m³	≤ 05	BDL		
Benzo(a)Pyrene (BaP)	CPCB Manual Vol	1 2011	ng/m³	≤ 01	BDL		
Arsenic (As)	MASA-822 3rd E	dition	ng/m³	≤ 06	BDL		
Nickel (Ni)	MASA-822 3rd E	dition	ng/m³	≤ 20	BDL		
Lead (Pb)	MASA-822 3rd E	dition	μg/m³	≤ 1.0	BDL		

Remark-

- > All above results are within National Ambient Air Quality standards.
- BDL Below Detectable Limit.

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

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	TEST REI	PORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/88	36		40.0	
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/88	36	Report Date	ate 19.07.2022	
	M/s.Shri Someshwar S.S.K. Limite	d			
Name & Address of the Customer	Someshwarnagar. Tal: - Baramati	Dist: - Pune,	,		
Customer	Pune - 412306				
	, Ambient Air Sam	ple Details			
Туре	Sampling	Location		Sampling	done by
Ambient Air	Sadobachiwa	di/ Potewasti		GES	EC
	Sampling T	ime			
Start Time	Stop	Time		Total	Hrs.
10.50 Am	06.50	0 pm		08 Hrs.	
	Meteorological Data/Enviro	onmental 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 E	nd 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	μig/m³	≤ 80	18.44
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6):	2018	μg/m³	≤ 80	19.36
Particulate Matter PM ₁₀	IS:5182 (PART 4):	2019	μg/m³	≤ 100	30.11
Particulate Matter PM _{2.5}	' IS:5182 (PART 24)	:2019	μg/m³	≤ 60	12.07
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and Ana	alysis 3 rd Edition ,2013	μg/m³	≤ 180	12.56
Ammonia (NH₃)	Method 401, Air Sampling and Ana	2013, alysis 3 rd Edition	μg/m³	≤400	8.11
Carbon Monoxide (CO)	MASA-822 3rd Ed	lition	mg/m³	≤ 04	BDL
Benzene (C6H6)	IS 5182 (Part 11) :2006	(RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	CPCB Manual Vol 1	1 2011	ng/m³	≤01	BDL
Arsenic (As)	MASA-822 3rd Ed	lition	ng/m³	≤ 06	BDL
Nickel (Ni)	MASA-822 3rd Ed	lition	ng/m³	≤ 20	BDL
ead (Pb)	MASA-822 3rd Ed	lition	μg/m³	≤ 1.0	BDL

Remark-

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- BDL Below Detectable Limit.

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	TEST R	REPORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23/07/	887			
Sample ID: -	GESEC/PRO/AAQM/2022-23/07/	887	Report Dat	19.0	7.2022
No 0 Address of the	M/s.Shri Someshwar S.S.K. Limit	ted .			
Name & Address of the Customer	Someshwarnagar. Tal: - Barama Pune - 412306				
	Ambient Air Sa	mple Details			
Туре	Sampli	Sampling Location			
Ambient Air	Back Side	Of Company		Sampling GES	
	Sampling	g Time			
Start Time	Sto		Total	Hrs.	
11.00 Am	7.00 pm			08 H	lrs.
	Meteorological Data/Env	rironmental Conditions			
Ambient Temperature ° C	24 Wet Bulb Temperatu		iture °C 14		4
Dry Bulb Temperature ° C	24	Relative Humidity % RH		67.7	
Date of Sampling	Sample Receipt Date	Analysis Start D	ate	Analysis End Date	
12.07.2022	13.07.2022	13.07.2022		19.07.2022	
Parameters	Method		Unit	NAAQ Standards	Result
Sulphur Dioxide (SO₂)	IS:5182 (PART 2	2):2017	μg/m³	≤ 80	18.63
Oxides of Nitrogen (NO ₂)	IS:5182 (PART 6	5):2018	μg/m³	≤ 80	19.99
Particulate Matter PM ₁₀	IS:5182 (PART 4	4):2019	μg/m³	≤ 100	30.21
Particulate Matter PM _{2.5}	IS:5182 (PART 2	4):2019	μg/m³	≤ 60	12.07
Ozone(O ₃) For 1 Hrs.	Method 411, Air Sampling and A	2013, nalysis 3 rd Edition	μg/m³	≤ 180	12.22
Ammonia (NH₃)	Method 401, Air Sampling and A	nalysis 3 rd Edition ,2013	μg/m³	≤400	8.46
Carbon Monoxide (CO)	MASA-822 3rd	Edition	mg/m³	≤ 04	BDL
Benzene (C₅H₅)	IS 5182 (Part 11) :200	06 (RA 2017)	μg/m³	≤ 05	BDL
Benzo(a)Pyrene (BaP)	. CPCB Manual Vo	l 1 2011	ng/m³	≤ 01	BDL
Arsenic (As) Nickel (NI)	MASA-822 3rd MASA-822 3rd		ng/m³	≤ 20	BDL



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	TEST REP	ORT			The second secon
Test Report No: -	GESEC/PRO/ANLM/2022	2-23/07/888	Report		
Sample ID: -	GESEC/PRO/ANLM/2022		Date	19.0	7.2022
Name & Address of the Customer	M/s.Shri Someshwar S.S Someshwarnagar. Tal: - Pune - 412306		une,		
	Ambient Noise S	ample Details			
Туре	Ambient Noise				Τ
Sampling done by	GESEC		Date of Sa	Date of Sampling 12/0	
Test Location	Unit	Read	Average Noise Level Readings		CB Standards dB(A)
Project site (Sugar)	dB(A)		60.3		
Project site (Co.Gen)	dB(A)	61.	4		
Project site (Distillery)	dB(A)	63.	63.1		
Waghalwadi	dB(A)	57.7		75	/70 dB(A)
Wanewadi	dB(A)	60.9		-	

All above Noise level results are within Central Pollution Control Board Standards limit.

Day/Night -75/70 dB(A)

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	TEST REP	ORT			
Test Report No: -	GESEC/PRO/ANLM/2022	2-23/07/889	Report		
Sample ID: -	GESEC/PRO/ANLM/2022-23/07/889		Date	19.0	7.2022
Name & Address of the Customer	M/s.Shri Someshwar S.: Someshwarnagar. Tal: - Pune - 412306		une,		
	Ambient Noise S	ample Details			
Туре	Ambient N		1	AGENTAL CONTRACTOR	T
Sampling done by		GESEC Date of		mpling	12/07/2022
Test Location	Unit	Average Noise Level Readings Night		CPCB Standards dB(A)	
Project site (Sugar)	dB(A)	57.	.3		
Project site (Co.Gen)	dB(A)	52.	2		
Project site (Distillery)	dB(A)	57.	1		
Waghalwadi	dB(A)	52.4		75	/70 dB(A)
Wanewadi	, dB(A)	56.5		, , , , , , , , , , , , , , , , , , ,	

All above Noise level results are within Central Pollution Control Board Standards limit.

Day/Night -75/70 dB(A)

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- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer. We strictly maintain the confidentiality of all test result of sample(s) collected by use supplied by custo



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		TEST REP	ORT			
Test Report No: -	GESEC/PRO/	DIL/2022-23/	/07/898			
Sample ID: -	GESEC/PRO/			Repor	t Date	19.07.2022
						1
	Shri Somesh	war S.S.K. Lir	nited			
Name & Address of the Customer	Someshwarnagar. Tal: - Baramati Dist: - Pune,					
\$	Pune - 41230	6				
	DG	Noise Monit	oring Report			
Туре	DG Noise					
Sampling done by	GESEC					
Date of Sampling	Sample Day	-l-s B-s				
12.07.2022	Sample Receipt Date Analysis Start Date				Analysis End Date	
12.07.2022	13.07.2022 13.07.2022			19.07.2022		
	I	- n !:				
Test Location			in dB(A) vay from DG		A	D'11
	North Side	East Side	South Side	West Side	Avg.	Difference dB(A)
		. G Set No.1				
Without Enclosure	, 101.1	98.6	100.4	99.5	99.9	
With Enclosure	74	71.1	73.5	72.6	72.3	27.6

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 REP	ORT			
Test Report No: -	GESEC/PRO/	GESEC/PRO/DIL/2022-23/07/899				
Sample ID: -	GESEC/PRO/			Repor	t Date	19.07.2022
		7 - 0 - 2 - 5	07/033			
Name & Address of the Customer	Shri Somesh Someshwarn Pune - 41230	agar. Tal: - B	mited Jaramati Dist:	- Pune,	•	
	. DG	Noise Monit	oring Report			
Туре	DG Noise		- Suchart			
Sampling done by	GESEC					
Date of Sampling	Sample Rec	eipt Date	Δn:	alysis Start Dat		1
12.07.2022	13.07.		Air		e	Analysis End Dat
			1	13.07.2022		19.07.2022
Test Location	Reading in dB(A) 0.5 mtr. Away from DG				Avg.	BW 1-4-
	North Side	East Side	South Side	West Side	746.	Difference dB(A)
	D	. G Set No.2	750 KVA			
Without Enclosure	98.7	99.8	97.5	98.7	98.6	
With Enclosure	71.2	72.5	74.1	71.5	72.3	26.3
mark-				7 1.3	12.3	

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With and Without enclosure of DG

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	TEST REPO	ORT			
Test Report No	GESEC/PRO/ST/2022-23/07/8	390	Report Date	19.07.2022	
Sample ID -	GESEC/PRO/ST/2022-23/07/8	in applied.			
Name & Address of the Customer	Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Bara Pune - 412306				
		-1			
Sample collection Date	Sample Det				
	Sample receipt Date	Analysis start Date		Analysis complete Date	
12.07.2022	13.07.2022	13.07.2022 13.07.2022		19.07.2022	
	Stack Deta	ils			
Stack No/ID	Stack Attached to Sampling don				
1	Boiler 1	GESEC			
Shape	Round	Fuel Used			
Diameter/ Dimensions (m)	3.5	Pressure		Bagasse 3	
Height (m)	72	rressur			
Temperature (o k)	389	Velocity (n	n/s) 7	00	
Gas Volume (Nm³)	185855.54		.,	00	
Parameters	Method	Unit	Limit	Danish	
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	Result	
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	N.S	51.01	
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/Nm³	N.S	22.14	

All above results are well within MPCB Limit.

N.S :Not Specified

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	TEST REPO	RT		
Test Report No	GESEC/PRO/ST/2022-23/07/8	91	Report Date	19.07.2022
Sample ID -	GESEC/PRO/ST/2022-23/07/8	91		
Name & Address of the Customer	Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baran Pune - 412306			
	Sample Deta	nils		
Sample collection Date	Sample receipt Date	Analysis star	t Date An	alysis complete Date
12.07.2022	13.07.2022 13.07.2022			19.07.2022
	Stack Detai	ls		
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		
Height (m)	35			
Temperature (^o k)	371	Velocity (m/s)		3
Gas Volume (Nm³)	95614.84		The state of the s	
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	47.56
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	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/Nm³	N.S	20.11

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	TEST REPO	RT				
Test Report No	GESEC/PRO/ST/2022-23/07/8	396	Report Date	19.07.2022		
Sample ID -	GESEC/PRO/ST/2022-23/07/8	396		19.07.2022		
	Shri Someshwar S.S.K. Limite	d				
Name & Address of the Customer	Someshwarnagar. Tal: - Bara	mati Dist: - Pune.				
	Pune - 412306	- Januari Distraction				
	Sample Det	ails				
Sample collection Date	Sample receipt Date	Analysis start	t Date An	alysis complete Date		
12.07.2022	13.07.2022			19.07.2022		
	Stack Deta			13.07.2022		
Stack No/ID	Stack Att	ached to		Sampling done by		
1	DG SET		GESEC GESEC			
Shape	Round	Fuel Used		Diesel		
Diameter/ Dimensions (m)	0.2032	Pressure		Diesei		
Height (m)	5.00	.,,,,,,,,,	3.4			
Temperature (° k)	352	Velocity (m	n/s) 6.76			
Gas Volume (Nm³)	668.45		, 0.70			
Parameters	Method	II-la				
Total Particulate Matter	IS 11255 (Part 1) 2019	Unit	Limit	Result		
		mg/Nm³	≤150	44.52		
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	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/Nm³	N.S	19.32		

All above results are well within MPCB Limit.

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	TEST REPO	RT				
Test Report No	GESEC/PRO/ST/2022-23/07/8	97	Report Date	19.07.2022		
Sample ID -	GESEC/PRO/ST/2022-23/07/8			15.07.2022		
Name & Address of the Customer	Shri Someshwar S.S.K. Limite Someshwarnagar. Tal: - Bara Pune - 412306					
	Sample Det	ails	7 - k			
Sample collection Date	Sample receipt Date	Sample receipt Date Analysis start Date Analysis				
12.07.2022	13.07.2022 13.07.2022			Analysis complete Dat 19.07.2022		
	Stack Deta			13.07.2022		
Stack No/ID		ached to		Sampling done by		
1	DG SET 750 KVA GESEC					
Shape	Round Fuel Used			Diesel		
Diameter/ Dimensions (m)	0.2032			1		
Height (m)	35		- 1 -			
Temperature (° k)	362	Velocity (r	n/s) 6.	55		
Gas Volume (Nm³)	629.40	and the second	.,,,,			
Parameters	Method	Unit	Limit			
Total Particulate Matter	IS 11255 (Part 1) 2019	mg/Nm³	≤150	Result		
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	mg/Nm³	N.S	48.36		
ulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019			18.97		
		Kg/day	N.S	0.28		
Oxides of Nitrogen (NO ₂)	IS 11255 (Part 7) 2017	mg/Nm ³	· N.S	21.07		

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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	Type of Sample	Ground Water	
	Volume Of Sample	2 Lit plastics Can	
Someshwarnagar. Tal: - Baramati Dist: - Pune,	Sample Status	Sealed	
Pune - 412306	Sample Collected By	Client	
14110 422500	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 RE	PORT	
Parameter	Result	Unit	Standard Method
	Physical Paramet	er	
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 Parame	ter	
рН	7.97	-	APHA 4500, 23rd 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 Analy	sis	
Iron as Fe	0.024	mg/l	IS:3025 Part- 2:2019
lead	0.003	mg/l	IS:3025 Part- 2:2019
	Microbiological Para	meter	
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/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 -	Type of Sample		Ground Water
M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune,	Volume Of Sam		2 Lit plastics Can+250ml Sterile Bottle
Pune - 412306	Sample Status		Sealed
Fulle - 412300	Sample Collecte	ed By	Client
	Date of Sample	Collection	07.02.2022
	Date of Sample	received in lab	08.02.2022
	Analysis start D	ate	08.02.2022
	Analysis End Da	te	12.02.2022
	ATER ANALYSIS RE		
Parameter	Result	Unit	Standard Method
Tb.dfs	Physical Paramet		
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
aU	Chemical Parame		ADUA 4500 2211 5 121 - 2017
pH Total Hardness	7.14		APHA 4500, 23 rd Edition:2017
Total Alkalinity	154.63	mg/l	IS:3025 Part-21:2019
Sulphate	142.14	mg/l	IS:3025 Part-23:2019
Residual Chlorine	51.32	mg/l	IS:3025 Part-24:2019
Chloride	0.26	mg/l	IS:3025 Part-26:2019
Calcium (as Ca)	36.47 24.96	mg/l	IS:3025 Part-32:2019
Calcium (as Ca)	24.90	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 Analys	sis	•
Iron as Fe	0.021	mg/I	IS:3025 Part- 2:2019
lead	0.001	mg/l	IS:3025 Part- 2:2019
' Mi	crobiological Para	meter	
Total Coliform	Absent	MPN/100ml	. IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981

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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

Parameter	Result	Unit	Standard Method
Farameter	Physical Paramet		Standard Method
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 Parame	ter	
pH	6.89		APHA 4500, 23rd 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 Analy	sis	
Iron as Fe	0.019	mg/l	IS:3025 Part- 2:2019
lead	0.002	mg/l	IS:3025 Part- 2:2019
	Microbiological Para	meter	
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	IS 1622:1981
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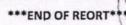
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E-mail: environsafetyeng@gmail.com, gesec12@gmail.com

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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 –	Type of Sample		Ground Water
M/s.Shri Someshwar S.S.K. Limited Someshwarnagar. Tal: - Baramati Dist: - Pune, Pune - 412306	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 [ate	05.04.2022
	Analysis End Date		11.04.2022
•			2210 112022
W.	ATER ANALYSIS R	EPORT	
Parameter	Result	Unit	Standard Method
	Physical Parame	ter	
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 Parame	ter	
pH.	7.12	-	APHA 4500, 23rd 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 Analy		
ron as Fe	0.021	mg/l	IS:3025 Part- 2:2019
ead	0.001	mg/l	IS:3025 Part- 2:2019
	robiological Para		13.3023 FdT - 2.2013
Total Coliform	Absent	MPN/100ml	IS 1622:1981
E.coli.	Absent	per/100ml	
	Absent	per/100mi	IS 1622:1981



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