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 F	REPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23	3/05/751	Bonort Data	17/05/202	2	
Sample ID: -	GESEC/PRO/AAQM/2022-23	3/05/751	Report Date	17/03/2022		
Name & Address of the Customer	Nira Bhima Sahakari Sakhar (Distillery Unit) Shahajinagar, PO: Redni, Tal Dist.: Pune - 413 114.		ted			
	Ambient Air S	Sample Details				
Туре		ng Location		Sampling	done by	
Ambient Air		01 (Redni)		GESI		
A STOCKER OF LICENS AND A		ng Time				
Start Time	Stop Time			Total Hrs.		
08:40 AM	09:	09:40 AM			lin	
	Metrological Data/Env	ironmental Co	nditions			
Ambient Temperature °C	27	Wet Bulb T	emperature °C	20		
Dry Bulb Temperature °C	27	Relative H	lumidity % RH	52.4%		
Date of Sampling	Sample Receipt Date	Analysis	s Start Date	Analysis End Date		
11/05/2022	12/05/2022	12/0	05/2022	17/05/2022		
Name Of Instrument	Fine Dust Sampler	Date Of	Calibration	06/09/2021		
Calibration Certificate No.	235	Due Date	of Calibration	05/09/	2022	
Parameters	Method		Unit	NAAQ Standards	Result	
Particulate Matter (PM10)	IS:5182 (PART 4):	2019	μg/cum	100.00	53.36	
Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (PART 24)	:2019	μg/cum	60.00	14.07	
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):		μg/cum	80.00	14.50	
Oxides of Nitrogen(NO <sub>x</sub> )	IS:5182 (PART 6):	2018	μg/cum	80.00	16.00	

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

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

\*\*\*END OF REPORT

5,199

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. 3.
- 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. 4.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



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 R	EPORT			TO STORY
Test Report No: -	GESEC/PRO/AAQM/2022-23	/05/752	Report Date	17/05/2022	
Sample ID: -	GESEC/PRO/AAQM/2022-23	/05/752	Report Dute	17/03/2022	
Name & Address of the Customer	Nira Bhima Sahakari Sakhar (Distillery Unit), Shahajinaga Dist.: Pune - 413 114.				
	Ambient Air S	ample Details			
Туре		Sampling Location			lone by
Ambient Air	Village	02 (Bodni)		GESE	:C
17 (100)(T) (T) (12 (12 (12 (12 (12 (12 (12 (12 (12 (12	Sampli	ng Time	·		
Start Time	Sto	Stop Time			Hrs.
09:40 AM	10:	10:40 AM			in
	Metrological Data/Env				
Ambient Temperature oc	29	Wet Bulb Te	mperature <sup>oC</sup>	21	
Dry Bulb Temperature oc	29	Relative Hu	midity % RH	48.7%	
Date of Sampling	Sample Receipt Date	Analysis	Start Date	Analysis End Date	
11/05/2022	12/05/2022	12/05	5/2022	17/05/2022	
Name Of Instrument	Combined Sampler	Date Of O	Calibration	25/10/	2021
Calibration Certificate No.	CC202221000006078F		f Calibration	24/10/	2022
Parameters	Method		Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	IS:5182 (PART 4):	2019	μg/cum	100.00	55.63
Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (PART 24)		μg/cum	60.00	13.98
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):	an Verticular and	μg/cum	80.00	15.00
Oxides of Nitrogen(NOx)	IS:5182 (PART 6):	245805 St	μg/cum	80.00	17.01

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

\*\*\*END OF REPORT

(Technical Manager) Reviewed & Authorized By

Mr. Vinod Hande

- The report is refer only to the sample tested and not applies to the bulk. 1.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. 3.
- 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 us/ supplied by customer and not revel to third party unless required by the statutory 5. or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

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 R	EPORT			
Test Report No: -	GESEC/PRO/AAQM/2022-23	/05/753	Report Date	17/05/2022	
Sample ID: -	GESEC/PRO/AAQM/2022-23	/05/753	Report Bate		
Name & Address of the Customer	Nira Bhima Sahakari Sakhar (Distillery Unit) Shahajinagar Dist.: Pune - 413 114.				
	AMBIENT AIR QUALITY	MONITORING I	RESULTS		
Туре		Sampling Location			one by
Ambient Air	Near N	Nain Gate		GESE	C
Allibietti All		ng Time			
Start Time		Stop Time			drs.
10:45 AM	11:	11:45 AM			in
	Metrological Data/Env	rironmental Cor	nditions		
Ambient Temperature oc	32	Wet Bulb Temperature o <sup>C</sup>		22	
Dry Bulb Temperature oc	32	Relative H	umidity % RH	41.5%	
Date of Sampling	Sample Receipt Date	Analysis	Start Date	Analysis End Date	
11/05/2022	12/05/2022	12/0	5/2022	17/05/2022	
Name Of Instrument	Fine Dust Sampler	Date Of	Calibration	06/09/2021	
Calibration Certificate No.	235	Due Date	of Calibration	05/09/2022	
Parameters	Method		Unit	NAAQ Standards	Result
Particulate Matter (PM <sub>10</sub> )	IS:5182 (PART 4):	2019	μg/cum	100.00	61.23
Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (PART 24)		μg/cum	60.00	21.47
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):		μg/cum	80.00	22.90
Oxides of Nitrogen(NOx)	IS:5182 (PART 6)		μg/cum	80.00	26.58
Note:	10.0202 (17.11.1.0)				

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

\*\*\*END OF REPORT

Consultant Py

Mr. Vinod Hande (Technical Manager)

Reviewed & Authorized By

- The report is refer only to the sample tested and not applies to the bulk. 1.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. 3.
- 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 us/ supplied by customer and not revel to third party unless required by the statutory 5. or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



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

	IESI K	EPORT	4			
Test Report No: -	GESEC/PRO/AAQM/2022-23	Report Date		17/05/2022	1	
Sample ID: -	GESEC/PRO/AAQM/2022-23	/05/754	Report Date	17/00/2022		
Name & Address of the	Nira Bhima Sahakari Sakhar					
Customer	(Distillery Unit) Shahajinagar	, PO: Redni, Tal.	: Indapur,			
Customer	Dist.: Pune - 413 114.					
	AMBIENT AIR QUALITY	MONITORING R	ESULTS			
Туре	Samplin	g Location		Sampling of	done by	
Ambient Air	Back Side	of Distillery		GESE	C	
	Sampli	ng Time				
Start Time	Sto	Stop Time			Hrs.	
10:55 AM	11:	11:55 AM			60 Min	
	Metrological Data/Env					
Ambient Temperature oc	32	Wet Bulb Te	mperature oc	22		
Dry Bulb Temperature oc	32	Relative Humidity % RH		41.5%		
Date of Sampling	Sample Receipt Date	Analysis	Start Date	Analysis End Dat		
11/05/2022	12/05/2022	12/05	5/2022	17/05/2022		
1973-1981	1 0 11 10 1	Data Of C	Calibration	25/10/	2021	
Name Of Instrument	Combined Sampler		f Calibration	24/10/		
Calibration Certificate No.	CC202221000006078F	Due Date 0	Cambration	21/20/	La O La La	
Parameters	Method		Unit	NAAQ Standards	Resul	
Particulate Matter (PM <sub>10</sub> )	IS:5182 (PART 4):	2019	μg/cum	100.00	60.33	
Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (PART 24)		μg/cum	60.00	20.14	
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2):		μg/cum	80.00	20.48	
Oxides of Nitrogen(NO <sub>x</sub> )	IS:5182 (PART 6):	2018	μg/cum	80.00	25.13	
Note:	10.0202 (17.11)		1	•		

TEST REPORT

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

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

\*\*\*END OF REPORT

### Terms and conditions

The report is refer only to the sample tested and not applies to the bulk.

The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.

The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.

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 us/ supplied by customer and not revel to third party unless required by the statutory 5. or legal requirement.

MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.

Mob+ 9545084620, 8421365421 CIN No.: U74900PN2013PTC149666

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

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

	TEST R	EPORT				
Test Report No: -	GESEC/PRO/AAQM/2022-23	/05/755	Report Date	17/05/2022		
Sample ID: -	GESEC/PRO/AAQM/2022-23	/05/755	Report Bate	2., 20, 202		
Name & Address of the Customer	Nira Bhima Sahakari Sakhar (Distillery Unit) Shahajinaga Dist.: Pune - 413 114.					
	AMBIENT AIR QUALITY	MONITORING	RESULTS			
Туре		Sampling Location				
Ambient Air	Nea	r Office		GESE	C	
HIMICITETAL	Sampli	ng Time				
Start Time	Sto	Stop Time			Hrs.	
11:05 AM	12:	05 PM	60 Min			
	Metrological Data/Env	ironmental Co	nditions		194 944 194	
Ambient Temperature oc	33	Wet Bulb 7	Temperature ° <sup>€</sup>	22		
Dry Bulb Temperature °C	33	Relative H	lumidity % RH	37.9%		
Date of Sampling	Sample Receipt Date	Analysi	s Start Date	Analysis End Date		
11/05/2022	12/05/2022	12/	05/2022	17/05/2022		
22/00/202						
Name of Instrument	Fine Dust Sampler		Calibration	06/09/		
Calibration Certificate No.	235	Due Date	of Calibration	05/09/2022		
Parameters	Method		Unit	NAAQ Standards	Result	
Particulate Matter (PM <sub>10</sub> )	IS:5182 (PART 4)	2019	μg/cum	100.00	59.33	
Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (PART 24)		μg/cum	60.00	19.05	
Sulphur Dioxide (SO <sub>2</sub> )	IS:5182 (PART 2)		μg/cum	80.00	18.77	
Oxides of Nitrogen(NOx)	IS:5182 (PART 6)		μg/cum	80.00	21.04	

### Note:

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

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

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

- 1. The report is refer only to the sample tested and not applies to the bulk.
- 2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- 3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- 4. 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.
- 5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.

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/WZM/2022	-23/05/756	Report	17/05/2022	
Sample ID: -	GESEC/PRO/WZM/2022	-23/05/756	Date		
Name & Address of the Customer	Nira Bhima Sahakari Sak (Distillery Unit) Shahajir Dist.: Pune - 413 114.			ur,	
	WORKZONE AIR QUALITY	MONITORING	RESULTS		
Туре	Samplin	g Location		Sampling done	by
Ambient Air	Bagasse Yard			GESEC	
7.III.O.	Samplin	g Time			
Start Time	Stop Time			Total Hrs.	
11:15 AM	12:15 PM			60 Min	
	Metrological Data/Envi	ronmental Con	ditions		
Ambient Temperature oc	33	Wet Bulb Ten	nperature oc	22	
Dry Bulb Temperature oc	33	Relative Hun	nidity % RH	37.9%	
Date of Sampling	Sample Receipt Date	Analysis Start Date		Analysis End Date	
11/05/2022	12/05/2022	12/05/	2022	17/05/2022	
Name Of Instrument	Handy Sampler	Date Of Ca	libration	25/10/2021	
Calibration Certificate No.	CC202221000006086F	Due Date of		24/10/2022	
Parameters	Method		Unit	The Factories Act 1948, standards	Result
Suspended Particulate Matter (SPM)	IS:5182 (PART	4):2019	μg/cum	10000	426.74
Sulphur Dioxide	IS:5182 (PART )		μg/cum	5000	17.50
Oxides of Nitrogen	IS:5182 (PART		μg/cum	6000	19.9

# Note:

The Factories' Act, 1948 has prescribed Work Zone Air Level threshold limit.

OFEN ENVIROR Engine Consultant Po

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

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

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC. 3.
- 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. 4
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.

Mob+ 9545084620, 8421365421 CIN No.: U74900PN2013PTC149666

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

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

Dist.: Pune - 413 114.		TEST REI	PORT			
Name & Address of the Customer  Nira Bhima Sahakari Sakhar Karkhana Limited (Distillery Unit) Shahajinagar, PO: Redni, Tal.: Indapur, Dist.: Pune - 413 114.  WORKZONE AIR QUALITY MONITORING RESULTS  Type Sampling Location Sampling done by Ambient Air Cane Yard GESEC  Sampling Time  Start Time Stop Time Total Hrs.  11:25 AM Metrological Data/Environmental Conditions  Ambient Temperature oc 33 Wet Bulb Temperature oc 22 Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date  11/05/2022 12/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021 Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Method Unit Factories Act 1948, standards Sulphur Dioxide 15:5182 (PART 4):2019 µg/cum 5000 410.8  Sulphur Dioxide 18.01	Test Report No: -	GESEC/PRO/WZM/2022-	23/05/757	Poport Date	17/05/2022	
Name & Address of the Customer Dist.: Pune - 413 114.  WORKZONE AIR QUALITY MONITORING RESULTS  Type Sampling Location Sampling done by Ambient Air Cane Yard GESEC  Sampling Time  Start Time Stop Time Total Hrs.  11:25 AM 12:25 PM 60 Min  Metrological Data/Environmental Conditions  Ambient Temperature oc 33 Wet Bulb Temperature oc 22  Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date 11/05/2022 12/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021  Calibration Certificate No. CC20222100006086F Due Date of Calibration 24/10/2022  Parameters Method Unit The Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	ACC 00000 30000 10000	GESEC/PRO/WZM/2022-	-23/05/757	Report Date		
Type Sampling Location GESEC  Ambient Air Cane Yard GESEC  Sampling Time  Start Time Stop Time Total Hrs.  11:25 AM 12:25 PM 60 Min  Metrological Data/Environmental Conditions  Ambient Temperature °C 33 Wet Bulb Temperature °C 22  Dry Bulb Temperature °C 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date 11/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021  Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	Name & Address of the Customer	(Distillery Unit) Shahajin				
Type Sampling Location GESEC  Ambient Air Cane Yard GESEC  Sampling Time  Start Time Stop Time Total Hrs.  11:25 AM 12:25 PM 60 Min  Metrological Data/Environmental Conditions  Ambient Temperature °C 33 Wet Bulb Temperature °C 22  Dry Bulb Temperature °C 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date 11/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021  Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75		WORKZONE AIR QUALITY	MONITORING I	RESULTS		
Ambient Air Cane Yard GESEC  Sampling Time  Start Time Stop Time Total Hrs.  11:25 AM 12:25 PM 60 Min  Metrological Data/Environmental Conditions  Ambient Temperature oc 33 Wet Bulb Temperature oc 22  Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date 11/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021  Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75					Sampling	done by
Start Time Stop Time Stop Time 11:25 AM 12:25 PM 60 Min  Metrological Data/Environmental Conditions  Ambient Temperature °C 33 Wet Bulb Temperature °C 22 Dry Bulb Temperature °C 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date 11/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Calibration Certificate No. CC202221000006086F Due Date of Calibration 25/10/2021 Calibration Certificate No. CC202221000006086F Unit Factories Act 1948, standards Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8 Sulphur Dioxide Start Date Analysis End Date Analysis End Date Date Of Calibration 25/10/2021 T/05/2022 17/05/2022 17/05/2022 17/05/2022 17/05/2022 17/05/2022 17/05/2021 17/05/2022					GESI	EC
Start Time  Stop Time  11:25 AM  12:25 PM  60 Min  Metrological Data/Environmental Conditions  Ambient Temperature oc 33 Wet Bulb Temperature oc 22  Dry Bulb Temperature oc 33 Relative Humidity % RH  37.9%  Date of Sampling  Sample Receipt Date  Analysis Start Date  Analysis End Date  11/05/2022  12/05/2022  12/05/2022  12/05/2022  Name Of Instrument  Handy Sampler  Date Of Calibration  CC202221000006086F  Due Date of Calibration  24/10/2022  Parameters  Method  Method  Unit  Factories  Act 1948, standards  Suspended Particulate Matter (SPM)  IS:5182 (PART 4):2019  Bug/cum  10000  410.8  Sulphur Dioxide  IS:5182 (PART 2):2017  Pag/cum  Source  Act 1948 Sulphur Dioxide  Act 1948 Sulphur Dioxide	AllbiciteAil	Sampling	g Time			
Metrological Data/Environmental Conditions  Ambient Temperature oc 33 Wet Bulb Temperature oc 22  Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date Analysis Start Date Analysis End Date 11/05/2022 12/05/2022 12/05/2022 12/05/2022 17/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021 Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8 Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	Start Time	Stop Time			Total Hrs.	
Ambient Temperature oc 33 Wet Bulb Temperature oc 22  Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date 11/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021 Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	11:25 AM	12:25 PM			60 Min	
Dry Bulb Temperature oc 33 Relative Humidity % RH 37.9%  Date of Sampling Sample Receipt Date 11/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022 12/05/2022  Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021 24/10/2022  Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  The Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75		Metrological Data/Envir	ronmental Cond	ditions		
Date of Sampling   Sample Receipt Date   Analysis Start Date   11/05/2022   12/05/2022   12/05/2022   17/05/2022   17/05/2022	Ambient Temperature oc	33	Wet Bulb Temperature oc			
Name Of Instrument	Dry Bulb Temperature <sup>oC</sup>	33	Relative Hu	midity % RH	37.9%	
Name Of Instrument Handy Sampler Date Of Calibration 25/10/2021 Calibration Certificate No. CC202221000006086F Due Date of Calibration 24/10/2022  Parameters Method Unit Factories Act 1948, standards  Suspended Particulate Matter (SPM) IS:5182 (PART 4):2019 µg/cum 10000 410.8  Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	Date of Sampling	Sample Receipt Date	Analysis S	Start Date	Analysis End Date	
Name Of instrument       Trainey sample:       Section of Calibration       24/10/2022         Calibration Certificate No.       CC202221000006086F       Due Date of Calibration       24/10/2022         Parameters       Method       Unit       The Factories Act 1948, standards         Suspended Particulate Matter (SPM)       IS:5182 (PART 4):2019       μg/cum       10000       410.8         Sulphur Dioxide       IS:5182 (PART 2):2017       μg/cum       5000       16.75	11/05/2022	12/05/2022	12/05	/2022	17/05/2022	
Calibration Certificate No.         CC202221000006086F         Due Date of Calibration         24/10/2022           Parameters         Method         Unit         The Factories Act 1948, standards           Suspended Particulate Matter (SPM)         IS:5182 (PART 4):2019         μg/cum         10000         410.8           Sulphur Dioxide         IS:5182 (PART 2):2017         μg/cum         5000         16.75	Name Of Instrument	Handy Sampler	Date Of C	alibration	25/10/2021	
Parameters         Method         Unit         Factories Act 1948, standards         Result           Suspended Particulate Matter (SPM)         IS:5182 (PART 4):2019         μg/cum         10000         410.8           Sulphur Dioxide         IS:5182 (PART 2):2017         μg/cum         5000         16.75					24/10/	2022
Sulphur Dioxide IS:5182 (PART 2):2017 µg/cum 5000 16.75	Parameters	Method		Unit	Factories Act 1948,	Result
Sulphur Dioxide IS:5182 (PART 2):2017 μg/cum 5000 16.75	Suspended Particulate Matter (SPM)	IS:5182 (PART 4	):2019	μg/cum	10000	410.89
Oxides of Nitrogen IS:5182 (PART 6):2018 µg/cum 6000 18.01	Sulphur Dioxide	· · · · · · · · · · · · · · · · · · ·		μg/cum	5000	16.75
	Oxides of Nitrogen	IS:5182 (PART 6	5):2018	μg/cum	6000	18.01

# Note:

• The Factories' Act, 1948 has prescribed Work Zone Air Level threshold limit.

\*\*\*

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

## Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- 2. The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- 3. The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- 4. 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.
- 5. We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal requirement.

GEEN ENVIRON

PEND OF REPORT

6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



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

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

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

	TEST RE	PORT			
Test Report No: -	GESEC/PRO/WZM/2022-	-23/05/758	Report	17/05/2022	
Sample ID: -	GESEC/PRO/WZM/2022	-23/05/758	Date		
	Nira Bhima Sahakari Sak				
Name & Address of the Customer	(Distillery Unit) Shahajin	iagar, PO: Redn	ı, Tal.: Indapu	τ,	
	Dist.: Pune - 413 114.				
	WORKZONE AIR QUALITY	MONITORING	RESULTS		
Туре		ng Location		Sampling done	by
Ambient Air	Ash	Storage		GESEC	
Ambient Air	Samplin				
Start Time	Stop Time			Total Hrs.	
11:35 AM	12	:35 PM		60 Min	
11.00 /	Metrological Data/Envi	ronmental Con	ditions		
Ambient Temperature oc	34	Wet Bulb Ter	nperature °C	22	
Dry Bulb Temperature oc	34	Relative Hur	nidity % RH	34.6%	
Date of Sampling	Sample Receipt Date	Analysis S	tart Date	Analysis End Date	
11/05/2022	12/05/2022	12/05,	/2022	17/05/2022	
		010	111 41	25/10/2021	
Name Of Instrument	Handy Sampler	Date Of Co		24/10/2022	
Calibration Certificate No.	CC202221000006086F	Due Date of	Calibration	2-1/10/2022	
Parameters	Method		Unit	The Factories Act 1948, standards	Resul
Suspended Particulate Matter (SPM)	IS:5182 (PART 4	1):2019	μg/cum	10000	510.8
Sulphur Dioxide	IS:5182 (PART 2		μg/cum	5000	15.90
Oxides of Nitrogen	IS:5182 (PART 6		μg/cum	6000	19.82

# Note:

The Factories' Act, 1948 has prescribed Work Zone Air Level threshold limit.

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

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- 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 us/ supplied by customer and not revel to third party unless required by the statutory 5. or legal requirement.

& Consultat

MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022.



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

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

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

	TECT DEPORT				
	TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2022-23		<b>Report Date</b>	17/05/2022	
Sample ID: -	GESEC/PRO/ANLM/2022-23	3/05/759	1		
Name & Address of the Customer	Nira Bhima Sahakari Sakhar Karkhana Limited (Distillery Unit) Shahajinagar, PO: Redni, Tal.: Indapur, Dist.: Pune - 413 114.				
	Ambient Noise Sam	ple Details			
Туре	Ambient Noise				
Sampling done by	GESEC				
Standard method	As Per IS: 9989:2020				
				A Ivoia Ford Data	
Date of Sampling	Sample Receipt Date	The state of the s	Start Date	Analysis End Date	
11/05/2022	12/05/2022	12/0	5/2022	17/05/2022	
Name Of Instrument	Digital Sound Level Meter	Date Of	Calibration	10/10/2021	
	ME.2021/10/21/002	Due Date o	of Calibration	09/10/2022	
Calibration Certificate No.	WIL.2021/10/21/002				
		Average Nois	e Level Readings	CPCB Standards	
Test Location	Unit	Day Time (12:10 P.M.)	Night Time (10:30 P.M.)	dB(A)	
Near Main Gate	dB(A)	64.8	58.0	During Day time =	
Near Molasses Tank	dB(A)	57.1	54.6	75 dB (A)	
Near Parking	dB(A)	64.9	57.0	During Night time	
Near office	dB(A)	62.0	56.8	70 dB(A)	
Near Lagoon Plant	dB(A)	61.7	55.0	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

## Remark-

Maharashtra Pollution Control Board (MPCB) has prescribed 75 dB (A) as an upper limit of Ambient Noise Level during the Day Time & 70 dB (A) during the Night Time.

Consultation

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

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- 3. 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 us/ supplied by customer and not revel to third party unless required by the statutory 5. or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022. 6.



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 REP	ORT		
Test Report No: -	GESEC/PRO/WNLM/2022	-23/05/760	Report Date	17/05/2022
Sample ID: -	GESEC/PRO/WNLM/2022	-23/05/760	Report Date	
Sample 15.				
	Nira Bhima Sahakari Sakh	nar Karkhana Limited	d .	
Name & Address of the Customer	(Distillery Unit) Shahajina	gar, PO: Redni, Tal.:	Indapur,	
Name & Address of the customer	Dist.: Pune - 413 114.			
	Work Zone Noise	e Sample Details		
Туре	Work Zone Noise	THE RESIDENCE WALL STOLL		
Sampling done by	GESEC			
Standard method	As Per IS: 9989:2020			
	1 - 1 - 1 - 1	Analysis	Start Date	Analysis End Date
Date of Sampling	Sample Receipt Date	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		17/05/2022
11/05/2022	12/05/2022	12/05	5/2022	17/03/2022
	Digital Sound Level Mete	Date Of	Calibration	10/10/2021
Name Of Instrument			of Calibration	09/10/2022
Calibration Certificate No.	ME.2021/10/21/002	Due Date	Of Calibration	
		Average Noise	Level Readings	The Factories Act
Test Location	Unit	Day (01.10 PM)	Night (11.30 PM)	1948, standards
Distillation Section	dB(A)	81.6	75.8	
Store Room	dB(A)	63.0	52.1	
Fermentation Section	dB(A)	74.2	68.5	≤ 90
Alcohol Storage	dB(A)	63.0	63.9	
Cooling Tower dB(A) 82.1 72.6				

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

SOULANTE \*\*END OF REPORT\*\*\* & Const

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

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- 3. 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 us/ supplied by customer and not revel to third party unless required by the statutory
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 04/12/2022. 6.