



TEST CERTIFICATE

Report No: GESEC/PRO/2019-20/04/951	Date of Report	17/04/2019
Client Name and Address: BHAIRAVNATH SUGAR WORKS LTD. Sonari (Distillery Division) Tq-Paranda, Dist-Osmanabad.	Date of Sampling	10/04/2019
	Start Date of Analysis	11/04/2019
	End Date of Analysis	17/04/2019
	Sample Details	Ambient Air
	Sample Location	Near Main Gate
	Time of Sampling	11:00
Sample Collected By	Green EnviroSafe Engineers & Consultant Pvt. Ltd, Pune	

Ambient Air Analysis Report

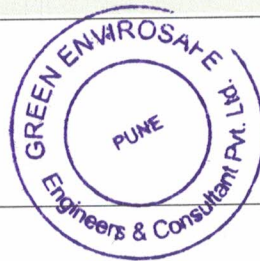
Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	34	°C	
2.	Dry Bulb Temperature	34	°C	
3.	Wet Bulb Temperature	30	°C	
4.	Relative Humidity	32	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO ₂)	11.2	µg/M ³	≤ 80
7.	Oxides of Nitrogen(NO ₂)	15.9	µg/M ³	≤ 80
8.	Particulate Matter PM ₁₀	44.5	µg/M ³	≤ 100
9.	Particulate Matter PM _{2.5}	21.2	µg/M ³	≤ 60
10.	Carbon Monoxide (CO)	0.4	mg/M ³	≤ 04
11.	Ozone(O ₃)	BDL	µg/M ³	≤ 180
12.	Lead (Pb)	BDL	µg/M ³	≤ 1.0
13.	Ammonia(NH ₃)	BDL	µg/M ³	≤ 400
14.	Benzene(C ₆ H ₆)	BDL	µg/M ³	≤ 05
15.	Benzo(a)Pyrene(BaP)	BDL	ng/M ³	≤ 01
16.	Arsenic(As)	BDL	ng/M ³	≤ 06
17.	Nickel(Ni)	BDL	ng/M ³	≤ 20

Remark-

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

ANALYZED BY-

[Signature]



AUTHORIZED SIGNATORY

[Signature]

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 or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.



TEST CERTIFICATE

Report No: GESEC/PRO/2019-20/04/952	Date of Report	17/04/2019
Client Name and Address: BHAIRAVNATH SUGAR WORKS LTD. Sonari (Distillery Division) Tq-Paranda, Dist-Osmanabad.	Date of Sampling	10/04/2019
	Start Date of Analysis	11/04/2019
	End Date of Analysis	17/04/2019
	Sample Details	Ground Water
	Nature of sample	Liquid
Sample Collected By	Green EnviroSafe Engineers & Consultant Pvt. Ltd, Pune	

WATER ANALYSIS REPORT

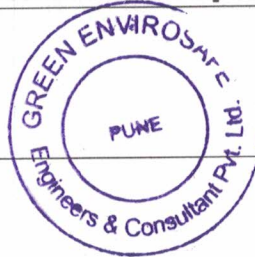
Sr. No.	Parameter	Result	Limits as per Is 10500:2012	Unit(s)	Standard Method
Physical Parameter					
1.	Color	Clear	<5	Hazen	IS : 3025 (Part 4):1983
2.	Turbidity	<1	<1	NTU	IS : 3025 (Part 10):1984
3.	TDS	146	<500	ppm	IS : 3025 (Part 16):1984
Chemical Parameter					
4.	pH	7.3	6.5 to 8.5	--	IS:3025 Part-11(R.A:2012)
5.	Total Hardness	86.0	<200	mg/lit	IS:3025 Part-21(R.A:2012)
6.	Total Alkalinity	52.0	<200	mg/lit	IS:3025 Part-23(R.A:2012)
7.	Sulphate	11.2	<200	mg/lit	IS:3025 Part-24(R.A:2012)
8.	Residual Chlorine	<0.1	<0.2	mg/lit	IS : 3025 (Part 26)1986
9.	Chloride	13.4	<250	mg/lit	IS:3025 Part-32(R.A:2014)
10.	Calcium (as Ca)	31.2	<75	mg/lit	IS:3025 Part-40(R.A:2012)
11.	Magnesium (as Mg)	6.4	<30	mg/lit	IS:3025 Part-46(R.A:2012)
Elemental Analysis					
12.	Iron as Fe	<0.05	<0.3	mg/lit	AAS Method
Microbiological Parameter					
13.	Total Coliform	<2	Absent	MPN/100ml	IS 1622:1981
14.	E.coli.	<2	Absent	per/100ml	IS 1622:1981

Remark(s):

- The above water sample is Comply with required limit as per 10500:2012.
- For Total Coliform & E.coli. <2 can be consider as Zero [Refer IS:1622 (R.A.1996), Table No.-4].

ANALYZED BY-

[Signature]



AUTHORIZED SIGNATORY-

[Signature]

Terms and conditions

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 required by the statutory or legal requirement.
6. MoEF approved Lab by Govt. of India. From date. 09/02/2017 to 08/02/2022.