



SEC

Dr. SUBBARAO'S ENVIRONMENT CENTER

"Arundhati", Opp. Sahayognagar, M.S.E.B. Road, Vishrambag, Sangli - 416 415.

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Certificate No. NABET / EIA / 23-26 / RA 0334, valid upto Dec. 12, 2026

NABL Quality Assurance Laboratory Accreditation Certificate No. TC - 16008 valid upto 01-05-2029

AMBIENT AIR QUALITY REPORT

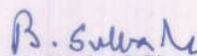
Report Ref. No. : SEC/AAQ-SS/12-25	End of Analysis : 26 December 2025
Name of Industry/Customer: Rajarambapu Patil SSK Ltd., Unit - 1.	Report Date : 27 December 2025
Address: Rajaramnagar, Po. Sakharale - 415414, Tal: Walwa, Dist. Sangli.	Lab ID/Sample Ref. No. : AAQ-SS1
Date of Collection / Sampling : 16 December 2025	Sample Description: Ambient Air
Date of Receipt : 17 December 2025	Sample Collected By: SEC Lab
Sample Location : Factory Main Gate [17°4.6'5676" N, 74°17'21.9228" E]	
Environmental Conditions during Sampling : Ambient Temperature - 26°C, Weather - Clear, no rainfall	

Sr. No.	Parameter	Unit	Result	Hours	NAAQ Standard 2009	Test Method
1	Particulate Matter (PM 10)	$\mu\text{g}/\text{m}^3$	73	24 hr	100	IS 5182 (Part 23)
2	Particulate Matter (PM 2.5)	$\mu\text{g}/\text{m}^3$	38	24 hr	60	IS:5182 (P:24)
3	Sulphur Dioxide (as SO_2)	$\mu\text{g}/\text{m}^3$	11.9	24 hr	80	IS 5182 (Part 2)
4	Nitrogen Dioxide (as NO_x)	$\mu\text{g}/\text{m}^3$	15.1	24 hr	80	IS 5182 (Part 6)
5	Lead (as Pb)	$\mu\text{g}/\text{m}^3$	0.02	24 hr	1.0	---
6	Carbon Monoxide (as CO)	mg/m^3	0.25	1 hr	4.0	---
7	Ozone (as O_3)	$\mu\text{g}/\text{m}^3$	BDL	1 hr	180	---
8	Ammonia (as NH_3)	$\mu\text{g}/\text{m}^3$	5	24 hr	400	---
9	Benzene (as C_6H_6)	$\mu\text{g}/\text{m}^3$	BDL	Annual	5.0	---
10	Benzo Pyrene (as $\text{C}_{20}\text{H}_{12}$)	ng/m^3	BDL	Annual	1.0	---
11	Arsenic (as As)	ng/m^3	BDL	Annual	6.0	---
12	Nickel (as Ni)	ng/m^3	BDL	Annual	20	---

#Abbreviation: BDL - Below Detection Limit.


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Technical Manager/Quality Manager

***END of Test Report ***

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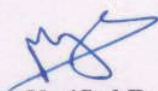
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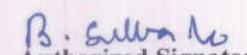
AMBIENT AIR QUALITY REPORT

Report Ref. No. : SEC/AAQ-SS/12-25	End of Analysis : 26 December 2025
Name of Industry/Customer: Rajarambapu Patil SSK Ltd., Unit - 1.	Report Date : 27 December 2025
Address: Rajaramnagar, Po. Sakharale - 415414, Tal: Walwa, Dist. Sangli.	Lab ID/Sample Ref. No. : AAQ-SS2
Date of Collection / Sampling : 16 December 2025	Sample Description: Ambient Air
Date of Receipt : 17 December 2025	Sample Collected By: SEC Lab
Sample Location : Incineration Boiler & Cane Yard Area [17°4.6'5676" N, 74°17'21.9228" E]	
Environmental Conditions during Sampling : Ambient Temperature - 26°C, Weather - Clear, no rainfall	

Sr. No.	Parameter	Unit	Result	NAAQ Standard 2009	Test Method
1	Particulate Matter (PM 10)	$\mu\text{g}/\text{m}^3$	85	100	IS 5182 (Part 23)
2	Particulate Matter (PM 2.5)	$\mu\text{g}/\text{m}^3$	42	60	IS:5182 (P:24)
3	Sulphur Dioxide (as SO_2)	$\mu\text{g}/\text{m}^3$	12.3	80	IS 5182 (Part 2)
4	Nitrogen Dioxide (as NO_x)	$\mu\text{g}/\text{m}^3$	15.8	80	IS 5182 (Part 6)


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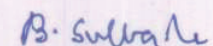
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NOISE LEVEL MEASUREMENT REPORT

NOISE LEVEL MEASUREMENT REPORT						
Report Ref. No. : SEC/NL-SS/12-25				End of Analysis : 26 December 2025		
Name of Industry/Customer: Rajarambapu Patil SSK Ltd. Unit – 1.				Report Date : 27 December 2025		
Address: Rajaramnagar, Po. Sakharale – 415414, Tal: Walwa, Dist. Sangli.				Lab ID/Sample Ref. No. : NL-SS		
Date of Collection / Sampling : 16 December 2025				Sample Description: Noise Level		
Date of Receipt : 17 December 2025				Sample Collected By: SEC Lab		
Sample Location : Factory Premises [17°4.6'5676" N, 74°17'21.9228" E]						
Environmental Conditions during Sampling : Ambient Temperature - 26°C, Weather - Clear, no rainfall						
Sr. No.	Location of recording Noise level	Unit	Results	Time	Standard Limit dB (A) Leq	Test Method
Ambient Noise Level						
1.	Factory Main Gate	dB (A) Leq	56.6	Day	75	IS 9989
			49.5	Night	70	
2.	Distillery Liquor Plant	dB (A) Leq	61.8	Day	75	IS 9989
			54.2	Night	70	
3.	Factory Canteen	dB (A) Leq	53.9	Day	75	IS 9989
			42.8	Night	70	
4.	Cane Yard	dB (A) Leq	67.5	Day	75	IS 9989
			64.1	Night	70	
Work Zone Noise Level						
5.	Mill House	dB (A) Leq	70.2	Day	75	IS 9989
			68.7	Night	70	
6.	Sugar House	dB (A) Leq	68.3	Day	75	IS 9989
			65.9	Night	70	
7.	Boiler House	dB (A) Leq	71.5	Day	75	IS 9989
			68.9	Night	70	
8.	Turbine Section	dB (A) Leq	73.4	Day	75	IS 9989
			71.7	Night	70	
9.	Incineration Boiler Section	dB (A) Leq	72.5	Day	75	IS 9989
			70.1	Night	70	


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TEST REPORT

Report Ref. No. : SEC/LE-SS/12-25	End of Analysis : 26 December 2025
Name of Industry/Customer: Rajarambapu Patil SSK Ltd., Unit – 1.	Report Date : 27 December 2025
Address: Rajaramnagar, Po. Sakharale – 415414, Tal: Walwa, Dist. Sangli.	Lab ID/Sample Ref. No. : SS2 & SS3
Date of Collection / Sampling : 16 December 2025	Nature of Sample: Liquid Effluent
Date of Receipt : 17 December 2025	Sample Collected By: SEC Lab
Date of Analysis: 18 December 2025	Sample Quantity : 1 lit/Sample
Name of Sample & Location : Sugar ETP Untreated & Sugar ETP Treated [17°4.6'5676" N, 74°17'21.9228" E]	
Environmental Conditions during Sampling	Ambient Temperature : 26°C, Weather : Clear, no rainfall
Reference of Sampling Plan	SEC/QAL/Chem/SP/7.3/F-01/DEC-25
Reference of Sampling Method	IS 17614 (Part 1) 2025

Sr. No.	Test Parameter	Unit	Sugar ETP Untreated	Sugar ETP Treated	Standards for Treated Sample	Test Method
1	pH @ 25 °C	-	4.27	7.38	5.5-9.0	IS:3025 (P-11)
2	Chemical Oxygen Demand	mg/l	3665	148	250	IS:3025 (P-58)
3	Biological Oxygen Demand	mg/l	1730	58	100	IS:3025 (P-44) [3 days, 27°C ±1°C]
4	Total Dissolved Solids	mg/l	2788	1075	2100	IS:3025(P-16)
5	Total Suspended Solids	mg/l	304	56	100	IS:3025 (P-17)
6	Chloride as Cl ⁻	mg/l	320	116	600	IS:3025 (P-32)
7	Sulphate as SO ₄	mg/l	89	53	1000	IS:3025 (P-24)
8	Oil & Grease	mg/l	10	BDL	10	IS:3025 (P-39)

Remarks:

Thanking you,

Verified By



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Technical Manager/Quality Manager

Note:

1. The result pertains only for the sample tested.
2. The test result shall not be reproduced except in full, without written approval of the laboratory.
3. Retention period for the remnant shall be 30 days.
4. BDL - Below Detection Limit.

***END of Test Report ***

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