

Jamkhandi Sugars Ltd.

ಜಮಖಂಡಿ ಶುಗರ್ಸ್ ಲಿ. ಜಮಖಂಡಿ.

GSTIN No : 29AAACJ8575C1ZD



© CUG No. 7022022148 / 149

CIN No. U85110KA1993PLC014570

No: JSL/Mfg/KSPCB/Env't Statement Sugar/2026-27/166

Date: 17.04.2026

To,

The Member Secretary
Head Office, Karnataka state pollution control Board
#49, "Parisara Bhavana" 4th and 5th Floor,
Church Street, Bangalore-560001

Subject: - Submission of Environmental Statement For the financial year 2025-26-Reg.

R/sir,

With reference to the above subject, we are enclosing herewith the Environmental Statement for financial year 2025-26 for our "M/s Jamkhandi Sugars Ltd" (Sugar Division) located at Hirepadasalgi village, Nagnur Post-587301, Jamkhandi Taluk, Bagalkot District, Karnataka. Kindly acknowledge the receipt, So that we can upload the same in our company website.

Thanking You,

Yours Faithfully,

For M/s, Jamkhandi Sugars Limited

General Manager(Works)



Encl: Environmental Statement (Form 5) for the year 2025-26 with third party monitoring reports.

Copy To:

1. The Environmental Officer, Regional Office, Karnataka State Pollution Control Board, Sector No 7, Bypass Road, Navanagar, Bagalkot - 587101
2. The Senior Environmental Officer, Zonal Office, Karnataka State Pollution Control Board, Ground floor, Plot No 4, Lakkamanahalli Industrial Area, P.B Road, Dharwad - 580004.

**ENVIRONMENTAL STATEMENT FOR
THE FINANCIAL YEAR
2025-2026**

Submitted By



M/s. Jamkhandi Sugars Ltd., Unit I

**Post: Hirepadasalgi, Nagnur, Tal: Jamkhandi
Dist: Bagalkot - 587301**

**ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)**

**ENVIRONMENTAL STATEMENT FOR THE FINANCIAL
YEAR ENDING 31 ST MARCH 2026**

PART- A

i.	Name and address of the owner/ occupier of the industry	V.Sivaprakasam. Managing Director M/s Jamkhandi Sugars Ltd.,(Unit I) Post: Hirepadasalgi, Nagnur, Tal: Jamkhandi Dist: Bagalkot - 587301
Operation or Process		
ii.	Industry category Primary-(STC Code) Secondary- (STC Code)	Primary-(STC CODE)-2000 Secondary-(STC CODE)-2061 Category : Red , Size: Large
iii.	Production Category-Units	White crystal sugar with sugar cane crushing capacity of 11500 TCD and 34 MW/hr cogeneration
iv.	Year of establishment	2001
v.	Date of Last Environmental Statement submitted	13.05.2025
vi.	No. of Employees	580 No's

	Crushing season 2024-25	Crushing season 2025-26
Crushing in MT	876589	869275
Sugar in MT	57929	68787
Crop days	103	108

PART-B

1) (a) Water Consumption in m³/day

Source	During the previous financial year 2024-25	During the current financial year 2025 -26
Process	145	150
Cooling (including washing and boiler feed)	572	580
Domestic	74	76

b) Water consumption per unit of out-put.

Name of the Product	Process water consumption per unit of Product Output M3/MT of sugar	
	During the previous financial year 2024-25	During the current financial year 2025-26
Sugar & process cooling	1.27	1.14
Domestic	0.13	0.11

2. Raw Material Consumption

Raw Materials	Product	Consumption of raw material per unit of output MT/M3	
		During the previous financial year 2024-25	During the current financial year 2025-26
Sugar Cane	Crystal white Sugar	15.13	12.63
Lime		0.012	0.014
O.P. Acid		0.000160	0.000161
Sulfur		0.00052	0.00055
Caustic Soda		0.0049	0.0047
Lubricants (Kgs/MT of Sugar cane crushed)		0.0021	0.0029

PART-C

Pollution discharged to environment / unit of output
(Parameters as specified in the consent issued)

Pollutants	Discharge of pollutants (Kg/day)	Concentration of Pollutants discharged mg/volume	Reasons
Water	<ul style="list-style-type: none"> Domestic effluent is treated in septic tank and soak pit. Effluents from washings are treated in an ETP consisting of collection cum reaction tank, Buffer Tank, UASBR, Aeration Tank I, Secondary clarifier I, Aeration Tank II Secondary Clarifier II, and final collection tank. Monitoring of the characteristics of effluent washings will be outsourced to KSPCB empanelled laboratories. 		
Air	<ul style="list-style-type: none"> Emission from 90 TPH Boiler, 70 TPH Boiler & 70 TPH Boiler with chimney of 90 mts, 57 mts & 80 mts pass through ESP & Wet scrubber respectively before emitting in to atmosphere 720 KVA, DG set is equipped with chimney of 20 mts. respectively 		
<ul style="list-style-type: none"> Monitoring reports are enclosed herewith for your kind perusal 			

PART-D

HAZARDOUS WASTE

(As specified under the Hazardous Waste (Management and Handling Rules, 1989))

Hazardous Waste	Total Quantity (L/annum)	
	During the previous Financial Year 2024-25	During the Current Financial Year 2025-26
a) From Process	1) Used oil - 212 Ltrs 2) Oil Soaked cotton waste - 102 Kg 3) Oil Filters - 3 Nos 4) Empty Barrels - 1400 Kg	1) Used oil - 281 Ltrs 2) Oil Soaked cotton waste - 167 Kg 3) Oil Filters - 4 Nos 4) Empty Barrels - 1250 Kg
b) From Pollution Control facilities	Nil	Nil

PART-E

SOLID WASTE

SR.NO	Solid waste	Total Quantity			
		During the previous Financial Year 2024-25		During the Current Financial Year 2024-25	
1.					
	a) From Process	Ash	2857.71 MT	Ash	2875.09 MT
		Press mud	18033.00 MT	Press mud	26426.00 MT
	b) From Pollution Control facility (Organic Sludge)	ETP sludge 38 MT		ETP sludge 36 MT	
	c) Quantity recycled or reutilized within the unit	Bagasse = 190514.00 MT		Bagasse = 191674.00 MT	

PART-F

Please specify the characterization (in terms of Composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

The Hazardous waste generation is from D.G. Set of capacities 720 KVA DG set in the form of used oil and is classified under Category No. 5.1 according to Hazardous Wastes (Management & Handling) Amended rules 2003. The quantity is approximately 281 Lts /Annum the quantity solely depends on the usage of D.G. Sets (more usage when there is no power supply). This is stored securely in sealed barrels in the premises and used as a lubricant in the mill gear.

The ash is mixed with press mud and sold as manure to member farmers.

PART G

Impact of the pollution control measures taken on the conservation of natural resources and consequently on the cost of production

A. Impact of pollution abatement on conservation

1. Cleaner Effluents

During the manufacturing process, wastewater is generated from various sections viz. process, washing area, domestic activity.,

The consumption of fresh water is kept in control because of production planning, maintaining dedicated production facility and optimization of wash water amount.

2. Resource Conservation & Recovery

Proper production planning and quality management techniques have resulted in lesser consumption of raw material which has resulted in lesser wastage of raw material, which earlier used to reach E.T.P.

3. Solid Waste Reuse

Bagasse generated as a byproduct from the sugar industry is reused as fuel for captive power plant.

The sludge generation from E.T.P. is partly used as manure in the plant premises. The remaining sludge is given free of cost to member farmers to use as manure.

B. Impact of pollution abatement on the cost of production

The expenditure incurred on the maintenance and running of the ETP works out to be 18 Lakhs this year. This includes the cost of chemicals, machinery repairs, and replacement of parts, manpower.

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution

The company has already adopted various quality systems and improved manufacturing discipline. This has resulted in material conservation and waste reduction this year.

The industry has reduced its fuel consumption this year considerably compared to previous year. The indirect benefits are lesser emission of pollutants, maintenance of ambient air quality and energy conservation.

PART-I

MISCELLANEOUS

Any other particulars in respect of environmental protection and abatement of pollution.

- The industry shall try to utilize all the treated effluent optimally for growing more trees in the premises.
- Constant efforts will be made to adopt the updated technologies in reducing the water consumption and the pollutants generation from the industry to avoid negative impact on the Environment.
- The Industry has made elaborate arrangements to provide safe and attractive work places for all employees. Personal protective equipment's like ear plugs etc, are provided to the employees.

- Development of greenbelt within the plant premises covering a 33% of total area. This is creating a healthy environment and also acts as a pollution sink. Further flora-fauna population of the area will also increase.

Date: - 17.04.2026

Place: - Hirepadasalagi



For Jamkhandi Sugars Ltd

[Handwritten signature]
17/4/26

General Manager(Works)



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL
 (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
 C.M.C Ward No 18 & C.T.C W.No.10 T.S No. 095/A/32/B1, Block No 19 (1st & 2nd Floor)
 Sangonakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 04498 03095, (O) : 08392-255169,
 E-mail : msvbellary2016@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

MSVAL/QR/7.8/1

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Jamakhandl Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 5873 01,
Tq: Jamkhandl, Dist: Bagalkot
2. Name of the location : Near Main Gate
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 16.02.2026
7. Date of Sample Receipt : 17.02.2026
8. Sample Code : AAQ/1283
9. Analysis Starting Date : 17.02.2026
10. Analysis Completion Date : 19.02.2026
11. Report Issue Date : 20.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000004975F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM_{10}	IS 5182 (Part-23)	$\mu\text{g} / \text{m}^3$	70.32	100
2	Particulate Matter $PM_{2.5}$	IS 5182 Part 24	$\mu\text{g} / \text{m}^3$	34.27	60
3	Sulphur Dioxide as SO_2	IS 5182 (Part-2)	$\mu\text{g} / \text{m}^3$	7.54	80
4	Oxides of Nitrogen as NO_x	IS 5182 (Part-6)	$\mu\text{g} / \text{m}^3$	15.63	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

:- END OF REPORT:-



- Note:**
1. The results listed only to the tested samples & applicable parameters.
 2. Samples Will be disposed after the specified retention period.
 3. This report is not to reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
 4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction Only.
 5. Sampling is not done by us unless otherwise specified



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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,
E-mail : msvballary2018@gmail.com, labmsv@gmail.com, Website : www.msvballary.com



TC- 4071

MSVAL/QR/7.8/1

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of Industry : M/s. Jamkhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
- Name of the location : Near Sugar House
- Sample Collected By : MSV Analytical Laboratories
- Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
- Duration of Monitoring : 24 Hours
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : AAQ/1284
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue Date : 20.02.2026
- Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC40712600004976F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	66.27	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	25.64	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	6.12	80
4	Oxides of Nitrogen as NO _x	IS 5182 (Part-6)	µg / m ³	13.53	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

--: END OF REPORT:--



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TC- 4071

MSVAL/QR/7.8/1

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of Industry : M/s. Jamkhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
- Name of the location : Near ETP Plant
- Sample Collected By : MSV Analytical Laboratories
- Particulars of the sampling Equipments : Sample collected with FDS GTI-131 & RDS APM-460
- Duration of Monitoring : 24 Hours
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : AAQ/1265
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue Date : 20.02.2026
- Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC40712600004977F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	59.57	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	21.29	60
3	Sulphur Dioxide as SO _x	IS 5182 (Part-2)	µg / m ³	6.83	80
4	Oxides of Nitrogen as NO _x	IS 5182 (Part-6)	µg / m ³	12.41	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

Hanumanthiah.P
Technical Manager

-: END OF REPORT:-



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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



MSVAL/QR/7.8/1

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- Name and Address of Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
- Name of the location : Near Guest House
- Sample Collected By : MSV Analytical Laboratories
- Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
- Duration of Monitoring : 24 Hours
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : AAQ/1286
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue Date : 20.02.2026
- Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC40712600004978F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	54.38	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	15.42	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	5.15	80
4	Oxides of Nitrogen as NO _x	IS 5182 (Part-6)	µg / m ³	10.20	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

:- END OF REPORT:-



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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



MSVAL/QR/7.8/1

ANALYSIS REPORT FOR SOURCE EMISSION

- Name and Address of the Industry : M/s. Jamakhandl Sugars Ltd.,
At: Hrepadasalagl, Post: Naganur - 587301,
Tq: Jamkhandl, Dist: Bagalkot
- Stack ID : 90 TPH Boller
- Sample Collected By : MSV Analytical Laboratories
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : SE/1129
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue date : 20.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712600004979F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	130
Velocity (m/s)	8.33
Height (m)	90
Diameter (m)	3.0
Cross sectional area (m ²)	7.0717

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	71.16	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	5.83	100
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	8.75	50

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

-: END OF REPORT :-



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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



MSVAL/QR/7.2/1

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Stack ID : 70 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 16.02.2026
5. Date of Sample Receipt : 17.02.2026
6. Sample Code : SE/1130
7. Analysis Starting Date : 17.02.2026
8. Analysis Completion Date : 19.02.2026
9. Report Issue date : 20.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712600004980F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	136
Velocity (m/s)	7.91
Height (m)	57
Diameter (m)	3
Cross sectional area (m ²)	7.0717

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	62.65	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	6.54	100
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	10.73	50

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

:- END OF REPORT



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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



MSVAL/OR/78/1

ANALYSIS REPORT FOR SOURCE EMISSION

- Name and Address of the Industry : M/s. Jamkhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
- Stack ID : 70 TPH New Boiler
- Sample Collected By : MSV Analytical Laboratories
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : SE/1131
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue date : 20.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712600004981F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	131
Velocity (m/s)	8.27
Height (m)	80
Diameter (m)	3.5
Cross sectional area (m ²)	9.6254

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	50.34	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	5.29	100
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	8.68	50

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager



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Sanganakallu Road, KEB Circle, Ballari - 603103 Contact No : Mob : 04498 03886, (0) : 08392-255169,
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



MSVAL/QB/7B/1

ANALYSIS REPORT FOR SOURCE EMISSION

- Name and Address of the Industry : M/s. Jamakhandl Sugars Ltd.,
At: Hrepadasalagi, Post: Naganur - 507301,
Tq: Jamkhandl, Dist: Bagalkot
- Stack ID : 720 KVA DG Set
- Sample Collected By : MSV Analytical Laboratories
- Date of Monitoring : 16.02.2026
- Date of Sample Receipt : 17.02.2026
- Sample Code : SE/1132
- Analysis Starting Date : 17.02.2026
- Analysis Completion Date : 19.02.2026
- Report Issue date : 20.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712600004902F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Diesel
Ambient Temperature (°C)	30
Stack Temperature (°C)	130
Velocity (m/s)	0.15
Height (m)	20
Diameter (m)	0.3
Cross sectional area (m ²)	0.0707

RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	39.67	75
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	20.34	710
Carbon Monoxide	IS 13270(Orsat Apparatus USEPA 3A:1909)	mg/Nm ³	4.93	150
NMHC	MSVAL/SOP/SE/003, Issue No 1	mg/Nm ³	0.76	100

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

Hanumanthalah.P
Technical Manager

-: END OF REPORT:-



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 E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

MSVAL/QR/7.8/1

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the Industry : M/s. Jamakhandi Sugars Ltd.,
At: Ilirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 16.02.2026
5. Report Issue Date : 20.02.2026
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC407126000004983F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			Permissible limits in dB(A) Leq
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	
1	Near Bolling House	AN/1793	03.30pm to 03.45pm	64.3	61.5	62.5	75 (6.00am to 10.00pm)
2	Near Mill Station	AN/1794	03.50pm to 04.05pm	67.4	64.8	66.3	
3	Near Sugar House	AN/1795	04.10pm to 04.20pm	69.2	66.7	68.4	
4	Near Central Fugal	AN/1796	04.30pm to 04.45pm	70.5	67.0	68.3	
5	Near Turbine	AN/1797	04.50pm to 05.05pm	68.0	65.9	67.1	

INFERENCE	As per KSPCB Standards, Report Status :- The Noise level for the all locations is within the limits
------------------	--

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

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TC- 4071

MSVAL/QR/7.B/1

AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry : M/s. Jamkhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
- Sample Collected By : MSV Analytical Laboratories
- Particulars of Sample Collected : Noise meter
- Date of Monitoring : 16.02.2026
- Report Issue Date : 20.02.2026
- Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC40712600004983F

S.No	Sample Location	Sample Code	Time Frequency	Results (Night time)			Permissible limits in dB(A) Leq
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	
1	Near Boiling House	AN/1798	10.15pm to 10.30pm	55.6	52.1	53.6	70 (10.00pm to 6.00am)
2	Near Mill Station	AN/1799	10.35pm to 10.50pm	57.2	54.9	56.3	
3	Near Sugar House	AN/1800	10.55pm to 11.10pm	58.9	56.3	57.8	
4	Near Central Fugal	AN/1801	11.15pm to 11.30pm	62.0	59.7	60.5	
5	Near Turbine	AN/1802	11.35pm to 11.50am	63.4	61.0	62.1	

INFERENCE As per KSPCB Standards,
Report Status :- The Noise level for the all locations is within the limits

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

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TC- 4071

MSVAL/QR/7.8/1

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Treated water
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 16.02.2026
9. Sample Code : WW/500
10. Analysis Starting Date : 16.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC40712600004984F

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULTS	Tolerance Limits (As per KSPCB Consent standards for Land for Irrigation)
1	Color	IS 3025 Part 4, Method (b)	Hazen	<5	-
2	pH @ 25°C	IS 3025 Part 11	-	7.52	5.5 - 8.5
3	Oil & Grease	IS 3025 Part 39, Method (a)	mg/L	<1.0	Max 10
4	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025 Part 44	mg/L	48.0	Max 100
5	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	230.0	-
6	Total Suspended solids	IS 3025 Part 17	mg/L	22.0	Max 100
7	Total Dissolved solids	IS 3025 Part 16	mg/L	970.0	Max 2100
8	Chloride as Cl	IS 3025 Part 32	mg/L	165.3	-

INFERENCE	As per KSPCB Standards Report Status: - The analyzed values for above measured parameters are within the limits.
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Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

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MSVAL/QR/7.8/1

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Untreated water
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 16.02.2026
9. Sample Code : WW/501
10. Analysis Starting Date : 16.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC40712600004985F

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULTS
1	Color	IS 3025 Part 4, Method (b)	Hazen	<10
2	pH @ 25°C	IS 3025 Part 11	-	6.13
3	Oil & Grease	IS 3025 Part 39, Method (a)	mg/L	5.50
4	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025 Part 44	mg/L	690.6
5	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	2032.0
6	Total Suspended solids	IS 3025 Part 17	mg/L	330.0
7	Total Dissolved solids	IS 3025 Part 16	mg/L	2462.0
8	Chloride as Cl	IS 3025 Part 32	mg/L	530.0

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

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MSVAL/QR/7.8/1

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandl Sugars Ltd.,
At: Hlrepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandl, Dist: Bagalkot
2. Sample Marked as : Borewell Water
3. Name of the location : Mohamadshab Navaldar Sy no 76 B, Hlrepadasalagi
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 16.02.2026
9. Sample Code : 470
10. Analysis Starting Date : 16.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: MSVAL/2026/430

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
Physical Parameters						
1	Color	IS 3025 Part 4, Method (b)	Hazen	<1.0	Max 5	Max 15
2	pH @ 25°C	IS 3025 Part 11	---	7.20	6.5-8.5	No Relaxation
3	Total dissolved solids	IS 3025 Part 16	mg/L	1426.0	Max 500	Max 2000
4	Turbidity	IS 3025 Part 10	NTU	0.25	Max 1	Max 5
Chemical Parameters						
5	Total Alkalinity	IS 3025 Part 23	mg/L	310.0	Max 200	Max 600
6	Total Hardness as CaCO ₃	IS 3025 Part 21, EDTA Method	mg/L	486.9	Max 200	Max 600
7	Nitrate (as NO ₃)	APHA 24th Edition - 4500-NO ₃ --(B)	mg/L	13.29	Max 45	No relaxation
8	Chloride (as Cl)	IS 3025 Part 32	mg/L	203.1	Max 250	Max 1000
9	Sulphate (as SO ₄)	APHA 24th Edition - 4500-SO ₄ --(E)	mg/L	273.6	Max 200	Max 400
10	Calcium (as Ca)	IS 3025 Part 40, Method (a)	mg/L	161.6	Max 75	Max 200
11	Magnesium (as Mg)	IS 3025 Part 46, Method (a)	mg/L	20.14	Max 30	Max 100
12	Fluoride (as F)	APHA 24th Edition - 4500-F --(D)	mg/L	0.83	Max 1.0	Max 1.5
13	Iron (as Fe)	APHA 24th Edition - 3500-Fe(B)	mg/L	0.09	Max 0.3	No relaxation
14	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025 Part 44	mg/L	BDL	-	-
15	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	BDL	-	-

INFERENCE

As per IS 10500-2018 Standards,

Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager



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MSVAL/QR/7.8/1

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : River Water
3. Name of the location : Krishna River
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 16.02.2026
9. Sample Code : W/647
10. Analysis Starting Date : 16.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical

Group: Water

Sub Group: Surface Water

ULR NO: TC407126000004987F

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
Physical Parameters						
1	Color	IS 3025 Part 4, Method (b)	Hazen	<1.0	Max 5	Max 15
2	pH @ 25°C	IS 3025 Part 11	---	7.32	6.5-8.5	No Relaxation
3	Total dissolved solids	IS 3025 Part 16	mg/L	490.0	Max 500	Max 2000
4	Turbidity	IS 3025 Part 10	NTU	0.72	Max 1	Max 5
Chemical Parameters						
5	Total Alkalinity as CaCO ₃	IS 3025 Part 23	mg/L	298.6	Max 200	Max 600
6	Total Hardness as CaCO ₃	IS 3025 Part 21, EDTA Method	mg/L	324.2	Max 200	Max 600
7	Nitrate (as NO ₃)	APHA 24th Edition - 4500-NO ₃ --(B)	mg/L	6.13	Max 45	No relaxation
8	Chloride (as Cl)	IS 3025 Part 32	mg/L	115.8	Max 250	Max 1000
9	Sulphate (as SO ₄)	APHA 24th Edition - 4500-SO ₄ 2--(E)	mg/L	85.40	Max 200	Max 400
10	Calcium (as Ca)	IS 3025 Part 40, Method (a)	mg/L	81.26	Max 75	Max 200
11	Magnesium (as Mg)	IS 3025 Part 46, Method (a)	mg/L	29.42	Max 30	Max 100
12	Fluoride (as F)	APHA 24th Edition - 4500-F--(D)	mg/L	0.38	Max 1.0	Max 1.5
13	Iron (as Fe)	APHA 24th Edition - 3500-Fe-(B)	mg/L	<0.07	Max 0.3	No relaxation

INFERENCE	As per IS 10500-2018 Standards,
	Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

-: END OF REPORT:-



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TC- 4071

MSVAL/QR/7.8/1

ANALYSIS REPORT OF SOIL QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Soil Sample
3. Name of the location : Mohamadshab Navaladar Sy no 76 B, Hirepadasalagi
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : 1 Kg Bag
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 17.02.2026
9. Sample Code : S&R/140
10. Analysis Starting Date : 17.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical Group: Soil & Rock Sub Group: Soils ULR NO: TC407126000004988F

S.NO	PARAMETERS	UNIT	PROTOCOL	RESULTS
1	pH	-	IS 2720 Part 26, 2	7.23
2	Electrical Conductivity	µs/cm	IS 14767	321.0
3	Total Organic Carbon	%	IS 2720 Part 22, Section 1	0.42
4	Available Nitrogen	Kg/ha	IS 14684	223.0
5	Available Phosphorous	Kg/ha	MSVAL/SOP/P&E/S/006, IssueNo. 1	30.22
6	Potassium as K ₂ O	Kg/ha	IS 9497	210.9

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

:- END OF REPORT:-



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TC-4071

MSVAL/OR/7.B/1

ANALYSIS REPORT OF SOIL QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd.,
At: Hirepadasalagi, Post: Naganur - 587301,
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Press Mud
3. Name of the location : -
4. Sample Collected By : Customer
5. Sample quantity : 1 Kg Bag
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 16.02.2026
8. Date of sample receipt : 17.02.2026
9. Sample Code : S&R/141
10. Analysis Starting Date : 17.02.2026
11. Analysis Completion Date : 20.02.2026
12. Report Issue Date : 20.02.2026

Discipline: Chemical Group: Soil & Rock Sub Group: Soils ULR NO: TC407126000004989F

S.NO	PARAMETERS	UNIT	PROTOCOL	RESULTS
1	pH	-	IS 2720(Part 26)	7.16
2	Electrical Conductivity	µs/cm	IS 14767: 2021	51.3
3	Total Organic Carbon	%	IS 2720:2020	2.98
4	Available Nitrogen	%	IS 14684:2019	1.87
5	Available Phosphorous	%	Lab SOP: MSVAL/SOP/S-06	2.21
6	Potassium as K ₂ O	%	IS 9497:2020	0.92

Analysed by

Authorized Signatory

Hanumanthaiah.P
Technical Manager

END OF REPORT:-



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