

**Jamkhandi Sugars Ltd.**

ಜಮಖಂಡಿ ಶುಗರ್ಸ್ ಲಿ. ಜಮಖಂಡಿ.

GSTIN No : 29AAACJ8575C1ZD



© CUG No. 7022022148 / 149

CIN No. U85110KA1993PLC014570

No: JSL/Mfg/KSPCB/Envnt Statement-Dist/2026-27/466

Date: 17.04.2026

To,

The Member Secretary  
Head Office, Karnataka state pollution control Board  
#49, "Parisara Bhavana" 4<sup>th</sup> and 5<sup>th</sup> 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" (Distillery 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  
(Distillery Division)

*[Handwritten signature]*  
12/4/26



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., Distillery Division**

**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	<b>V.Sivaprakasam.</b> <b>Managing Director</b> <b>M/s Jamkhandi Sugars Ltd.Distillery</b> <b>Division</b> <b>Post: Hirepadasalgi, Nagnur,</b> <b>Tal: Jamkhandi</b> <b>Dist: Bagalkot - 587301</b>
<b>Operation or Process</b>		
II	Industry category Primary-(STC Code) Secondary- (STC Code)	<b>Primary-(STC CODE)-2000</b> <b>Secondary-(STC CODE)-2061</b> <b>Category : Red , Size: Large</b>
III	Production Category-Units	<b>60 + 90 KLPD Total spirit</b> <b>=150 KLPD</b>
IV	Year of establishment	<b>December-2017</b>
V	Date of Last Environmental statement submitted.	<b>13.05.2025</b>
VI	No. of Employees	<b>118 No's</b>

## PART-B

### Water and Raw Material Consumption

#### 1. Water Consumption (cum/day)

Source	During the Previous financial year 2024-25	During the current financial year 2025-26
Process	570	565
Cooling (including washing and boiler feed)	120	123
Domestic	05	06

#### 2. PRODUCTS

Name of the Product	Process water consumption per unit of Product Output (KL/KL of Sprit Produced)	
	During the previous financial year 2024-25	During the current financial year 2025-26
Rectified Spirit/Ethanol	4.28	4.12

#### 3. Raw Material Consumption:

Raw Material	Product	Consumption of raw material per unit of output	
		During the previous financial year 2024-25	During the current financial year 2025-26
Molasses	Ethanol	3.15	3.06
Yeast used kg		0.00058	0.00060
Antifoam kg		0.00049	0.00051
Steam/KL		532	515
Power (KWH/KL)		510	480
Total Yeast Sludge	By -Product	2148	2130
	Fusel oil	Nil	Nil

Product	Total quantity produced in liters 2024-25	Total quantity produced in liters 2025-26
Rectified Spirit	0.0	0.0
Extra Neutral Alcohol	0.0	0.0
Impure Alcohol	0.0	0.0
Ethanol	31289324	28780543
Fusel Oil	Nil	Nil

### PART-C

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

**a) Water Pollution Load**

- The generated spent wash is treated in the Multiple Effect Evaporator(MEE) and the concentrated spent wash is utilised in the boilers as a fuel.
- Minimising the raw water consumption by recycling all the generated MEE condensate, RO rejects, Boiler blow down, Spent lees and utilizing back to the process and implemented Zero Liquid Discharge Plant.
- Domestic wastewater will be disposed in to Septic tank & Soak Pit.

**b) Air Pollution Load**

- ESP is provided to 23 TPH boiler and Bag Filters to 22 TPH boiler as an Air Pollution Control Equipment with a common chimney stack height of 80 mtrs AGL.

Source of Emission from Boiler 22 & 23 TPH Boiler.

Air Pollutants	Quantity of pollutants Discharged (Nm <sup>3</sup> /h)	Concentration of Pollutants discharged (mg/Nm <sup>3</sup> )	Percentage of variation from prescribed standards with reasons.
PM (22 TPH & 23 TPH Boiler with common chimney)	109394.69	52.36	There is no variation in the parameters of PM and it is well within the norms.
Test Report is attached for your reference			

## PART-D

### HAZARDOUS WASTE

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

Hazardous Waste	Total Quantity (Kg/annum)	
	During the previous Financial Year 2024-25	During the Current Financial Year 2025-26
a) From Process	Nil	Nil
b) From Pollution Control facilities	Nil	Nil

## PART-E

### SOLID WASTE

SL. NO	Solid waste	Total Quantity	
		During the previous Financial Year 2024-25	During the Current Financial Year 2025-26
a)	From Process (by products) 1) Yeast Sludge	2236	2265
b)	From Pollution Control facility 1) Ash	4045	4120
c)	Quantity recycled or reutilized within the unit	Nil	Nil

**Note:** Yeast sludge given to farmers as an manure and Ash sold to brick manufactures.

## 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.

Hazardous waste: Not Applicable.

## 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

1015 KL/Day spent wash is concentrated in two stage evaporation system and is utilized in the incineration boiler as a fuel.

## PART-H

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

Industry has installed the Incineration boiler of 22 TPH & 23 TPH for utilization of spent wash after multiple effect evaporation in incineration boiler as fuel. ESP and Bag filter is installed for Air pollution control for the suspended particulate matter through flue gas.

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

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

Condensate Polishing Unit (RO process) is provided for the treatment of process condensate from MEE and spent lees. The RO outlet is utilized for cooling tower make up water.

This year additional tree plantation of 800 trees was carried out for the minimization of fugitive emissions.

**Date: - 17.04.2026**

**Place: - Hirepadasalgi**

**For Jamkhandi Sugars Ltd  
(Distillery Division)**



**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.16 T.S No. 695/A/32/B1, Block No 19 (1<sup>st</sup> & 2<sup>nd</sup> Floor)  
Sanganakallu Road, KEB Circle, Bellari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,  
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



MSVAL/QR/7.8/1

## ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry	:	M/s. Jamakhandi Sugars Ltd., (Distillery Unit) At: Hirepadasalagi, Post: Naganur - 587301, Tq: Jamkhandi, 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	:	23.03.2026
7. Date of Sample Receipt	:	24.03.2026
8. Sample Code	:	AAQ/2147
9. Analysis Starting Date	:	24.03.2026
10. Analysis Completion Date	:	26.03.2026
11. Report Issue Date	:	27.03.2026
12. Sampling Protocol	:	IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000008185F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM <sub>10</sub>	IS-5182(Part-23)	µg / m <sup>3</sup>	66.59	100
2	Particulate Matter PM <sub>2.5</sub>	IS-5182(Part-24)	µg / m <sup>3</sup>	23.47	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS-5182(Part-2)	µg / m <sup>3</sup>	6.78	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	14.33	80

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

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* 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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C.M.C Ward No 1B & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 10 (1<sup>st</sup> & 2<sup>nd</sup> Floor)  
Sanganakallu Road, KEB Circle, Bellari - 583103 Contact No : Mob : 94498 03895, (O) : 03392-255169,  
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC-4071

MSVAL/QR/7B/1

## ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Jamkhandi Sugars Ltd., (Distillery Unit)  
At: Hlirepadasalagl, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
2. Name of the location : Near CPU Unit
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 : 23.03.2026
7. Date of Sample Receipt : 24.03.2026
8. Sample Code : AAQ/2148
9. Analysis Starting Date : 24.03.2026
10. Analysis Completion Date : 26.03.2026
11. Report Issue Date : 27.03.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000008186F

S.No	Parameter	Protocols	Units	Results	Standards
1	Particulate Matter PM <sub>10</sub>	IS-5182(Part-23)	µg / m <sup>3</sup>	60.45	100
2	Particulate Matter PM <sub>2.5</sub>	IS-5182(Part-24)	µg / m <sup>3</sup>	18.73	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS-5182(Part-2)	µg / m <sup>3</sup>	6.51	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	12.32	80

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

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory



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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,  
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



MSVAL/QR/7.B/1

## ANALYSIS REPORT FOR SOURCE EMISSION

- Name and Address of the Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Illrepadasalagi, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
- Stack ID : 22+23 TPII Boiler
- Sample Collected By : MSV Analytical Laboratories
- Date of Monitoring : 23.03.2026
- Date of Sample Receipt : 24.03.2026
- Sample Code : SE/1928
- Analysis Starting Date : 24.03.2026
- Analysis Completion Date : 26.03.2026
- Report Issue date : 27.03.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407126000008187F

### GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Coal/Bagasse/Conc. Spent wash
Ambient Temperature (°C)	33
Stack Temperature (°C)	142
Velocity (m/s)	9.14
Height (m)	80
Diameter (m)	3.5
Cross sectional area (m <sup>2</sup> )	9.6254

### RESULTS

Parameters	Protocol	Unit	Results	Standard
Particulate Matter	IS 11255 (Part-1)	mg/Nm <sup>3</sup>	52.36	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	11.66	100
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm <sup>3</sup>	23.50	50

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

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory



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



MSVAL/QR/7.8/1

## AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the Industry : M/s. Jamkhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
- Sample Collected By : MSV Analytical Laboratories
- Particulars of Sample Collected : Noise meter
- Date of Monitoring : 23.03.2026
- Report Issue Date : 27.03.2026
- Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC40712600008188F

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 Main Gate	AN/2788	03.00pm to 03.15pm	72.3	70.9	71.6	75 (6.00am to 10.00pm)
2	Near Evaporation Section	AN/2789	02.20pm to 03.35pm	69.1	67.0	68.5	
3	Near Distillation	AN/2790	03.45pm to 04.00pm	68.2	65.4	66.7	
4	Near Laboratory	AN/2791	04.10pm to 04.25pm	66.5	64.5	65.2	
5	Near Wear House	AN/2792	04.35pm to 04.50pm	73.0	71.6	72.4	

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

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* End of Report \*\*\*



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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94408 03805, (O) : 08392-255189,  
E-mail : msvalbellary2010@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



TC- 4071

MSVAL/QR/7.8/1

## AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the Industry : M/s. Jamkhandi Sugars Ltd., (Distillery Unit)  
At: Hrepadasalagi, 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 : 23.03.2026
5. Report Issue Date : 27.03.2026
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC40712600008188F

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 Main Gate	AN/2793	10.15pm to 10.30pm	55.3	52.1	53.9	70 (10.00pm to 6.00am)
2	Near Evaporation Section	AN/2794	10.40pm to 10.55pm	50.6	47.8	49.4	
3	Near Distillation	AN/2795	11.10pm to 11.25pm	57.8	55.6	56.3	
4	Near Laboratory	AN/2796	11.35pm to 11.50pm	54.2	51.5	52.6	
5	Near Wear House	AN/2797	12.00am to 12.15am	51.9	48.7	50.1	

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

Analysed by

MSV

Authorized Signatory

B. Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* End of Report\*\*\*



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Banganakallu Road, KEB Circle, Bellary - 583103 Contact No : Mob : 04406 03099, (0) : 08362-255169,  
E-mail : msvalbellary2016@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com



TC-4071

MSVAL/QR/7.8/1

## ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At Hirepadasabagi, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Raw Spent Wash
3. Name of the location : Factory Premises
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 : 23.03.2026
8. Date of sample receipt : 23.03.2026
9. Sample Code : WW/729
10. Analysis Starting Date : 23.03.2026
11. Analysis Completion Date : 27.03.2026
12. Report Issue Date : 27.03.2026

Discipline: Chemical      Group: Pollution & Environment      Sub Group: Waste Water      ULR NO: TC407126000008169F

S.no	Parameters	Protocol	Unit	Results
1	pH @ 25° C	IS 3025 Part 11	-	5.16
2	Chloride as Cl	IS 3025 Part 32	mg/L	7960.0
3	Total solids	IS 3025 Part 17-2022	mg/L	49853.0
4	Total Volatile solids	IS 3025 Part 18	mg/L	40974.0
5	Total Inorganic solids	IS 3025 Part 18	mg/L	9066.0
6	Bio-Chemical Oxygen Demand (3 days at 27°C)	IS 3025 Part 44	mg/L	53653.0
7	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	100932.0
8	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	3226.0
9	Potash as K	IS 3025 Part 45, Method (a)	mg/L	312.5

Analysed by

Authorized Signatory

B. Chinnna Lingana Gouda  
Chief executive of the laboratory



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



MSVAL/QR/7.B/1

## ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalgi, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
2. Sample Marked as : Concentrated Spent Wash
3. Name of the location : Factory Premises
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 : 23.03.2026
8. Date of sample receipt : 23.03.2026
9. Sample Code : WW/730
10. Analysis Starting Date : 23.03.2026
11. Analysis Completion Date : 27.03.2026
12. Report Issue Date : 27.03.2026

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC40712600008190F

S.no	Parameters	Protocol	Unit	Results
1	pH @ 25° C	IS 3025 Part 11	-	6.59
2	Chloride as Cl	IS 3025 Part 32	mg/L	7876.0
3	Total solids	IS 3025 Part 17-2022	mg/L	72905.0
4	Total Volatile solids	IS 3025 Part 18	mg/L	65451.0
5	Total Inorganic solids	IS 3025 Part 18	mg/L	19136.0
6	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025 Part 44	mg/L	72803.2
7	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	211714.0
8	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	4633.0
9	Potash as K	IS 3025 Part 45, Method (a)	mg/L	425.3

Analysed by

Authorized Signatory

B. Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* 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.
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