

**Jamkhandi Sugars Ltd.**

**ಜಮಖಂಡಿ ಶುಗರ್ಸ್ ಲಿ. ಜಮಖಂಡಿ.**

**GSTIN No : 29AAACJ8575C1ZD**



**CUG No. 7022022148 / 149**

**CIN No. U85110KA1993PLC014570**

**No: JSL/Mfg/KSPCB/Env't Statement-Dist/2025-26/ 607**

**Date: 13.05.2025**

**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 2024-25-Reg.**

**R/sir,**

With reference to the above subject, we are enclosing herewith the Environmental Statement for financial year 2024-25 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)**

**Sr.General Manager (Works)**



**Encl:** Environmental Statement (Form 5) for the year 2024-25 with third party monitoring reports.

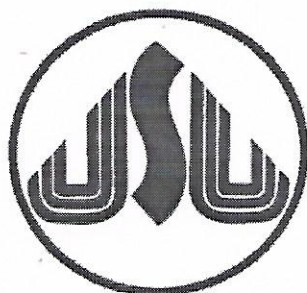
**Copy To:**

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 2024-2025**

**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 2025**

**PART- A**

I	Name and address of the owner/ occupier of the industry	V.Sivaprakasam. Managing Director M/s Jamkhandi Sugars Ltd.Distillery Division Post: Hirepadasalgi, Nagnur, Tal: Jamkhandi Dist: Bagalkot - 587301
<b>Operation or Process</b>		
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	60 + 90 KLPD Total spirit =150 KLPD
IV	Year of establishment	December-2017
V	Date of Last Environmental statement submitted.	30.09.2024
VI	No. of Employees	113



## PART-B

### Water and Raw Material Consumption

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

Source	During the Previous financial year 2023-24	During the current financial year 2024-25
Process	565	570
Cooling (including washing and boiler feed)	120	120
Domestic	05	05

#### 2. PRODUCTS

Name of the Product	Process water consumption per unit of Product Output (KL/KL of Sprit Produced)	
	During the previous financial year 2023-24	During the current financial year 2024-25
Rectified Spirit/Ethanol	4.30	4.28

#### 3. Raw Material Consumption:

Raw Material	Product	Consumption of raw material per unit of output	
		During the previous financial year 2023-24	During the current financial year 2024-25
Molasses	Ethanol	3.15	3.15
Yeast used kg		0.00069	0.00058
Urea		--	--
DAP		--	--
Antifoam kg		0.00052	0.00049
Bleaching power		----	----
Steam/KL		525	532
Power (KWH/KL)		512	510
Total Yeast Sludge	By -Product	2250	2148
	Fusel oil	Nil	NIL

Product	Total quantity produced in liters 2023-24	Total quantity produced in liters 2024-25
Rectified Spirit	0.0	0.0
Extra Neutral Alcohol	0.0	0.0
Impure Alcohol	0.0	0.0
Ethanol	32797202	31289324
Fusel Oil	Nil	Nil

### PART-C

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

Pollutants	Quantity KL/Day	Concentration	Concentration Discharged (Mass/Day)	Percentage of variation prescribed standards with reasons
Waste water(BOD)	422	Nil	NA	Spent wash generated after Multiple effect Evaporation is utilized in incineration Boiler as a fuel.
AIR -Stack -1		Copy Enclosed		

## PART-D

### HAZARDOUS WASTE

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

Hazardous Waste	Total Quantity (T/annum)	
	During the previous Financial Year 2023-24	During the Current Financial Year 2024-25
a) From Process	NIL	NIL
b) From Pollution Control facilities		

## PART-E

### SOLID WASTE

SL.NO	Solid waste	Total Quantity	
		During the previous Financial Year 2023-24	During the Current Financial Year 2024-25
a)	From Process (by products) 1) Yeast Sludge	2250	2236
b)	From Pollution Control facility 1) Ash	4050	4045
c)	Quantity recycled or reutilized within the unit	Ash sold to brick manufactures.	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 commissioned 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 emission 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 1000 trees was carried out for the minimization of fugitive emissions.

**Date: - 13.05.2025**

**Place: - Hirepadasalgi**



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

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



TC- 4071

MSVAL/AA/RF/01/00

## 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 : 8 Hours
6. Date of Monitoring : 24.03.2025
7. Date of Sample Receipt : 25.03.2025
8. Sample Code : 8682
9. Analysis Starting Date : 25.03.2025
10. Analysis Completion Date : 28.03.2025
11. Report Issue Date : 28.03.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC40712500005448F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM <sub>10</sub>	IS-5182(Part-23)	µg / m <sup>3</sup>	67.13	100
2	Particulate Matter PM <sub>2.5</sub>	IS-5182(Part-24)	µg / m <sup>3</sup>	28.24	60
3	Sulphur Dioxide as SO <sub>x</sub>	IS-5182(Part-2)	µg / m <sup>3</sup>	6.89	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	14.02	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. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.





# 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, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,  
E-mail : msvlabellary2018@gmail.com, labmsv@gmail.com, Website : www.msvlabellary.com



MSVAL/AA/RF/01/00

## 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 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 : 8 Hours
6. Date of Monitoring : 24.03.2025
7. Date of Sample Receipt : 25.03.2025
8. Sample Code : 8683
9. Analysis Starting Date : 25.03.2025
10. Analysis Completion Date : 28.03.2025
11. Report Issue Date : 28.03.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000005449F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM <sub>10</sub>	IS-5182(Part-23)	µg / m <sup>3</sup>	60.38	100
2	Particulate Matter PM <sub>2.5</sub>	IS-5182(Part-24)	µg / m <sup>3</sup>	23.15	60
3	Sulphur Dioxide as SO <sub>x</sub>	IS-5182(Part-2)	µg / m <sup>3</sup>	6.09	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	10.44	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. Water samples will be destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be





# 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, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,

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



TC-4071

MSVAL/SE/RF/01/00

## ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, Post: Naganur - 587301,  
Tq: Jamkhandi, Dist: Bagalkot
2. Stack ID : 22+23 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 24.03.2025
5. Date of Sample Receipt : 25.03.2025
6. Sample Code : 8684
7. Analysis Starting Date : 25.03.2025
8. Analysis Completion Date : 28.03.2025
9. Report Issue date : 28.03.2025

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712500005450F

## GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Coal/Bagasse/Conc. Spent wash
Ambient Temperature (°C)	31
Stack Temperature (°C)	128
Velocity (m/s)	8.10
Height (m)	80
Diameter (m)	3.5
Cross sectional area (m <sup>2</sup> )	9.6254

## RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-5182(Part-23)	mg/Nm <sup>3</sup>	43.20	150
Sulphur dioxide	IS-5182(Part-24)	mg/Nm <sup>3</sup>	13.54	-
Nitrogen dioxide	IS-5182(Part-2)	mg/Nm <sup>3</sup>	30.99	-

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

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



Note: 1. The results listed only to the tested samples & applicable parameters,  
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.





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



MSVAL/AN/RF/01/00

## AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, 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 : 24.03.2025
5. Report Issue Date : 28.03.2025
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR NO: TC407125000005451F

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	8685	04.30pm to 04.45pm	67.6	65.4	66.8	75 (6.00am to 10.00pm)
2	Near Evaporation Section	8686	04.55pm to 05.10pm	64.3	62.3	63.4	
3	Near Distillation	8687	05.20pm to 05.35pm	66.1	64.0	65.3	
4	Near Laboratory	8688	06.45pm to 07.00pm	63.7	60.6	62.8	
5	Near Wear House	8689	07.10pm to 07.25pm	69.4	66.1	67.4	

INFERENCE	As per KSPCB Standards,
	Report Status :- The Noise level for the all locations is 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. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.





# 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, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,

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



TC- 4071

## AMBIENT NOISE LEVEL MONITORING REPORT

MSVAL/AN/RF/01/00

1. Name of the industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, 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 : 24.03.2025
5. Report Issue Date : 28.03.2025
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC407125000005452F

S.No	Sample Location	Sample Code	Time Frequency	Results (Night time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
1	Near Main Gate	8690	10.00pm to 10.15pm	60.1	58.2	59.5	70 (10.00pm to 6.00am)
2	Near Evaporation Section	8691	10.25pm to 10.40pm	56.4	54.3	55.3	
3	Near Distillation	8692	10.50pm to 11.05pm	55.6	53.2	54.9	
4	Near Laboratory	8693	11.10pm to 11.25pm	59.8	57.9	58.7	
5	Near Wear House	8694	11.35pm to 11.50pm	57.4	55.3	56.1	

INFERENCE	As per KSPCB Standards,
	Report Status :- The Noise level for the all locations is 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. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 3 months from the date of test certificate issue.





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



TC- 4071

MSVAL/W/RF/01/00

## ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, 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 : 24.03.2025
8. Date of sample receipt : 25.03.2025
9. Sample Code : 8695
10. Analysis Starting Date : 25.03.2025
11. Analysis Completion Date : 28.03.2025
12. Report Issue Date : 28.03.2025

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC407125000005453F

S.no	Parameters	Protocol	Unit	Result
1	pH @ 25° C	4500 H+ B APHA 23 <sup>rd</sup> Edition	-	6.19
2	Chloride as Cl	4500-Cl APHA 23 <sup>rd</sup> Edition	mg/L	14520.0
3	Total solids	2540 C APHA 23 <sup>rd</sup> Edition	mg/L	118411.0
4	Total Volatile solids	IS-3025(part 22)	mg/L	87724.0
5	Total Inorganic solids	IS-3025(part 18)	mg/L	104832.0
6	Bio-chemical Oxygen Demand (3 days at 27°C)	IS-3025:1993(part 44)	mg/L	43265.0
7	Chemical Oxygen Demand	5230 B APHA 23 <sup>rd</sup> Edition	mg/L	119431.0
8	Sulphate as SO <sub>4</sub>	4500-SO <sub>4</sub> APHA 23 <sup>rd</sup> Edition	mg/L	6367.0
9	Potash as K	3500-K APHA 23 <sup>rd</sup> Edition	mg/L	2584.0

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. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.





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



TC- 4071

MSVAL/W/RF/01/00

## ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Jamakhandi Sugars Ltd., (Distillery Unit)  
At: Hirepadasalagi, 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 : 24.03.2025
8. Date of sample receipt : 25.03.2025
9. Sample Code : 8696
10. Analysis Starting Date : 25.03.2025
11. Analysis Completion Date : 28.03.2025
12. Report Issue Date : 28.03.2025

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC407125000005454F

S.no	Parameters	Protocol	Unit	Result
1	pH @ 25° C	4500 H+ B APHA 23 <sup>rd</sup> Edition	-	6.91
2	Chloride as Cl	4500-Cl APHA 23 <sup>rd</sup> Edition	mg/L	9752.0
3	Total solids	2540 C APHA 23 <sup>rd</sup> Edition	mg/L	101634.0
4	Total Volatile solids	IS-3025(part 22)	mg/L	71611.0
5	Total Inorganic solids	IS-3025(part 18)	mg/L	83429.0
6	Bio-chemical Oxygen Demand (3 days at 27°C)	IS-3025:1993(part 44)	mg/L	20430.0
7	Chemical Oxygen Demand	5230 B APHA 23 <sup>rd</sup> Edition	mg/L	85512.0
8	Sulphate as SO <sub>4</sub>	4500-SO <sub>4</sub> APHA 23 <sup>rd</sup> Edition	mg/L	4990.0
9	Potash as K	3500-K APHA 23 <sup>rd</sup> Edition	mg/L	2475.0

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. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be