



## BLDE (DEEMED TO BE UNIVERSITY)

[Declared as Deemed to be University u/s 3 of UGC Act, 1956 vide Government of India notification No. F.9-37/2007-U.3(A)]

The Constituent College

**SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE**

Ref No : 417/2024-25

Date : 24/2/25

To  
The member secretary  
Karnataka state pollution control board  
#49 parisar bhavan  
4<sup>th</sup> and 5<sup>th</sup> floor Church Street  
Bangalore- 560001.

Subject: Submission of annual report for year-2024.

Respected Sir,

I am submitting herewith form No: IV (see rule-13) annual report duly filled. Kindly consider the above said form and acknowledge the receipt of the same.

Thanking You

Your Sincerely

*(Handwritten signature)*

**Medical Superintendent**  
BLDE (Deemed to be University)

Shri B.M. Patil Medical College  
Hospital & RC., VIJAYAPUR-586103

The environment officer KSPCB SY.NO 49 K, Plot no 86 Harikar Layaout, Bagalkote road vijayapura.

*(Handwritten signature)*  
25/02/25  
ಕೆ. ರಾ. ಮಾ. ಸ. ಮಾ  
ಬಾ. ಕೆ. - ವಿಜಯಪುರ

Smt. Bangaramma Sajjan Campus, Ashram Road, Vijayapura - 586103, Karnataka, India.

University: Phone: +91 8352-262770, Fax: +91 8352-264936,262068 Website: www.bldeuniversity.ac.in, E-mail: bmpmc.principal@bldeuniveristy.ac.in  
Hospital : Phone: +91 8352-262770, Email : bmpmh.ms@bldeuniversity.ac.in

**Form – IV**  
**(See rule13)**  
**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	Medical Superintendent Dr.Rajesh.M.Honnutagi
	(ii) Name of HCF or CBMWTF	:	B.L.D.E(DU) Shri B.M.Patil Medical College Hospital & R.C.Vijayapura
	(iii) Address for Correspondence	:	Survey No: 30/A Behind Hospital Premises , B.L.D.E(DU) Shri B.M.Patil Medical College Hospital & R.C.Vijayapura
	(iv) Address of Facility		- Do-
	(v) Tel. No, Fax. No	:	Tel No: 08352-262770 Ext: 2016 Fax No: 08352-262068
	(vi) E-mail ID	:	<a href="mailto:bmpmh.ms@bldedu.ac.in">bmpmh.ms@bldedu.ac.in</a>
	(vii) URL of Website		Sbmphospital.bldedu.ac.in bio-medicalwaste.managemant
	(viii) GPS coordinates of HCF or CBMWTF		-----
	(ix) Ownership of HCF or CBMWTF	:	Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.:PCB/26/BMW/1805 Date : 08-06-2022 valid up to:30-06-2026
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 30-06-2026 Consent : No AW-331511
2.	Type of Health Care Facility	:	Health Institution
	(i) Bedded Hospital	:	No. of Beds: 1400 Beds.
	(ii) Non-bedded hospital	:	
			NA

disposal facilities		<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators :</td> <td>1No</td> <td>600kg</td> <td>58,150kg</td> </tr> <tr> <td>Plasma Pyrolysis Autoclaves :</td> <td>1No</td> <td>100 kg</td> <td>11,125 kg</td> </tr> <tr> <td>Microwave Hydroclave Shredder :</td> <td>1No</td> <td>300 kg</td> <td>5200 kg</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sharps : encapsulation or -concrete pit</td> <td>4No</td> <td>30 kg</td> <td>1125 kg</td> </tr> <tr> <td>Deep burial pits:</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators :	1No	600kg	58,150kg	Plasma Pyrolysis Autoclaves :	1No	100 kg	11,125 kg	Microwave Hydroclave Shredder :	1No	300 kg	5200 kg	Needle tip cutter or destroyer				Sharps : encapsulation or -concrete pit	4No	30 kg	1125 kg	Deep burial pits:	-	-	-	Chemical disinfection:				Any other treatment equipment:			
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Any other treatment equipment:																																						
(iii) Quantity of recyclable wastes Sold to authorized recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) 2150 kg Per annum. : Blue Category 2075 Per annum.																																				
(iv) No of vehicles used for collection and transportation of biomedical waste	:	NA																																				
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="1"> <thead> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration :1000KG/per annum</td> <td>(stored in Closed Line Tank )</td> </tr> <tr> <td>Ash ETP Sludge (STP) 2150 KG / Per Annum)</td> <td>( Used for complex Garden)</td> </tr> </tbody> </table>	Quantity generated	Where disposed	Incineration :1000KG/per annum	(stored in Closed Line Tank )	Ash ETP Sludge (STP) 2150 KG / Per Annum)	( Used for complex Garden)																														
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(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		NA																																				
(vii) List of member HCF not handed over bio-medical waste.		NA																																				
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Yes (Enclosed)																																				
7 Details trainings conducted on BMW BMW Management.		Yes (Enclosed)																																				

	(ii) number of personnel trained		1020
	(iii) number of personnel trained at the time of induction		780
	(iv) number of personnel not undergone any training so far		96
	(v) whether standard manual for Training is available?		Training with help of PowerPoints presentation, Hands on Training Interactive Sessions.
	(vi) any other information)		-
8	Details of the accident occurred during the year		Nil
	(i) Number of Accidents occurred		Nil
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please attach details if any)		NA
	(iv) Any Fatality occurred, details.		No
9.	Are you meeting the standards of air Pollution from the incinerator? How Many times in last year could not met the standards?		Yes ( Monthly Meeting KSPCB Slandered )
	Details of Continuous online emission monitoring systems installed		----
10	Liquid waste generated and treatment Methods in place. How many times You have not met the standards in a year?		Sewage Treatment Plant (STP)
11	Is the disinfection method or Sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		-----
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from 01-01-2024 to 31-12-2024

Date: 22-02-2025

Place: Vijayapura.

Name and Signature of the **Medical Superintendent** Institution  
**BLDE (Deemed to be University)**  
**Shri B.M. Patil Medical College**  
**Hospital & RC., VIJAYAPUR-585103**



B.L.D.E (DEEMED TO BE UNIVERSITY)

SHRI.B.M. PATIL MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE,, VIJAYPUR-586

Date: 01.04.2024

**Meeting Notice**

Biomedical Waste Management Committee meeting will be held on 10.04.2024 at 4:00 P.M. in the chamber of Medical Superintendent to discuss about the activities of Biomedical Waste Management. Please make it convenient to attend the meeting.

**Agenda of the meeting**



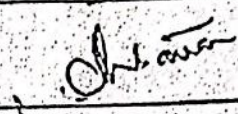
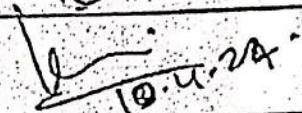

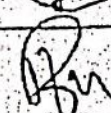
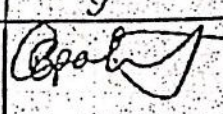
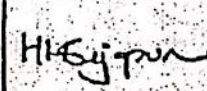

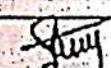



- Analysis of Segregation of waste
- Training sessions for the newly appointed staff members

Dr. Rashmi .M. Karigoudar  
Member Secretary

**Copy to:**

- The Principal.
- The Registrar.
- The Hon'ble Vice Chancellor.
- The Medical Superintendent.
- All Members of the Committee.

The following members attended the meeting -

SLNO	MEMBERS	DESIGNATION	SIGNATURE
1.	Dr. Aravind V Patil	Dean Faculty of Medicine and Principal	
2.	Dr. Rajesh Honnutagi	Medical Superintendent	
3.	Dr. Ashok Taradi	Resident Medical Officer	
4.	Dr. Annapurna Sajjan	Professor and HOD Dept of Microbiology	
5.	Dr. Vijayalaxmi Patil	Associate Professor, Dept. of Pathology	 10.4.24
6.	Dr. Dayanand Biradar	Associate Professor, Dept. of Surgery	
7.	Dr. Renuka Holyachi	Associate Professor, Dept. of Anaesthesiology	
8.	Dr. Basavaraj Patil	Assistant Professor, Dept. of OBG	
9.	Dr. Hidayatullah Bijapur	Assistant Professor, Dept. of Pediatrics	
10.	Dr. Tanuja Kulkarni	Assistant Professor, Dept. of Community Medicine	
11.	Dr. Avinash Jugati	Assistant Professor, Dept. of Medicine	
12.	Dr. Prasanth Kenganal	Assistant Professor, Dept. of Orthopedics	
13.	Mrs. Jeyanthi. R.	Nursing Superintendent	
14.	Mr. R. C. Kamble	ETP/Incinerator Operator	
15.	Operation Theatre Incharge	Operation Theatre Incharge	
16.	Dr. Rashmi M Karigoudar	Member Secretary, Dept. of Microbiology	



B.L.D.E (DEEMED TO BE UNIVERSITY)  
SHRI.B.M. PATIL MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE, VIJAYPUR-586 103

**BIO-MEDICAL WASTE MANAGEMENT COMMITTEE**

**Minutes of Meeting**

**Date and time:** 10.04.2024

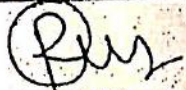
**Venue:-** Medical

Superintendent chamber

**Agenda of the meeting:**

1. Analysis of segregation of waste
2. Training sessions for the newly appointed staff members

Sl. No	POINT DISCUSSED	Action to be taken	TIME FRAME
1	Minutes of meeting of the last meeting	All the points of the previous meeting were satisfied	
2	Analysis of Segregation of waste was satisfactory	Training sessions to be taken for infection control nurse	12 month
3	Training sessions for the newly appointed staff members	Time table for Training sessions to be scheduled and taken	2 month
5	Uploading of monthly report on waste generated	To be uploaded for march month	2 days
6	Appointment of ICN for monitoring analysis of segregation of waste	Will be appointed	1 month

  
Dr. Rashmi .M. Karigoudar



B.L.D.E. (Deemed to be University)

Shri. B. M. Patil Medical College, Hospital and Research Centre Vijayapura.

Ref.no:

Date: 31-07-2024

**Meeting Notice**

This is to inform that Biomedical Waste Management Committee meeting will be held on 08.08.2024 at 11:00 A.M. in the chamber of Medical Superintendent to discuss about the activities of Biomedical Waste Management. Please make it convenient to attend the meeting.

Date: 08.08.2024

Time : 11:00 A.M.

Venue: Medical Superintendent Chamber

**Agenda of the meeting**

- Analysis of Segregation of waste
- Appointment of ICN for monitoring BMW Segregation
- Entry of month wise report of BMW in website.

Dr. Rashmi .M. Karigoudar

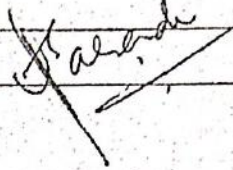
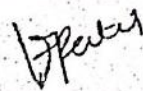
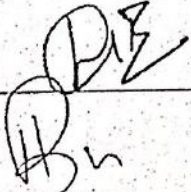
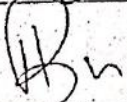
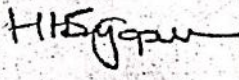
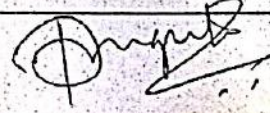
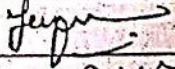

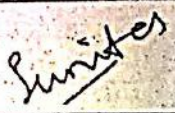

Member Secretary

Copy to:

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- The Registrar.
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- All Members of the Committee.

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16.	Dr. Rashmi M Karigoudar	Member Secretary, Dept. of Microbiology

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SHRI.B.M. PATIL MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE,  
Ashram Road, VIJAYPUR-586 103 Phone No.08352-262770

ICN

Biomedical Waste Management committee  
MINUTES OF MEETING

Date and time: 8.8.2024

Venue: Medical Superintendent Chamber

**Agenda of the meeting:**

- Analysis of Segregation of waste
- Online monitoring system for emission of air
- Appointment of staff members for monitoring analysis of segregation of waste

Sl. No	POINT DISCUSSED	Action to be taken	TIME FRAME
1	Minutes of meeting of the last meeting	All the points of the previous meeting were satisfied	
2	Analysis of Segregation of waste was satisfactory	Training sessions to be taken for infection control nurse	1 month
3	Training sessions for the newly appointed staff members	Time table for Training sessions to be scheduled and taken	2 month
4	Online monitoring system for emission of air	Running smoothly	-----
5	Uploading of monthly report on waste generated	uploaded	-----
6	Appointment of ICN & staff members for monitoring analysis of segregation of waste	Committee members were appointed for monitoring analysis of segregation of waste	



Dr. Rashmi .M. Karigoudar

Member Secretary

# BELGAUM TEST HOUSE LLP

(Recognised under section 12 of the Environment (Protection) Act, 1986) New Delhi.

ಬೆಲಗಾವ್ ಟೆಸ್ಟ್ ಹೌಸ್ ಎಲ್‌ಎಲ್‌ಪಿ

(ಪರಿಷ್ಕರಣೆ (ಸಂರಕ್ಷಣೆ) ಕಾಯ್ದೆ, 1986 ರ ಕೆಲವು 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ) ನ್ಯೂ ದೆಹಲಿ.

बेलगांव टेस्ट हाउस एलएलपी

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यू दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕಣಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಡನ್, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590 015



ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018 Accredited Testing Laboratory by NABL

## TEST REPORT

BTHLLP/GEN/F/25/02/00

### ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test report Number	BTHLLP2024001192	Test report issue date	31.12.2024
Sample code Number	BTHLLP/BLDE/A/24/12/1089	ULR Number	TC1473524000000913F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Name of the sample	Ambient Air	Monitoring location	Near Generator DG Room
Particulars of sample collected	Monitored through Respirable Dust Sampler 974-DTA-11 Gaseous Sampler 961-DTG-11 and Fine Particulate Sampler- 44-C-22	Date of receipt of sample	20.12.2024
		Date of start of analysis	20.12.2024
		Date of completion of analysis	24.12.2024
Sample collected by	M/s. Belgaum Test House LLP, Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum 590015	Reference to sampling procedure	BTH/QSP/19
Date of Monitoring	16.12.2024	Time/ duration of sampling	09:00 am to 05:00 pm
Discipline	Chemical		
Product category	Atmospheric Pollution		
Product sub-category	Ambient Air		
Page No	1 of 1		
Amendment No & date	--		

Sl. No	Parameters	Unit	Results	NAAQ Standards (2009)	Methods
1.	Particulate Matter (PM <sub>10</sub> )	µg/ m <sup>3</sup>	70	100	IS: 5182 (Part 23)
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/ m <sup>3</sup>	22	60	IS: 5182 (Part 24)
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	7.33	80	IS: 5182 (Part 2)
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	21.64	80	IS: 5182 (Part 6)- 1st rev

**INFERENCE** As per NAAQ Standards, Report Status: -The measured values for the above parameters are within the standards.

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

*[Signature]*  
Analysed by

*[Signature]*  
Verified by

*[Signature]*  
Authorized Signatory  
Shrinidhi R (Quality Manager)

### Concern towards protecting Environment

**Note:**

- The results refer only to the tested samples & applicable parameters.
- Sample(S) not drawn by us unless stated.
- Total liability of our laboratory is to invoiced amount. Any dispute arising out of this report is subjected to Belgaum jurisdiction only.
- The Report Shall not be reproduced partially without the consent of the laboratory.
- After 15 days of report submission the samples will be discarded.
- Complaint register is available at the laboratory at the reception.

# BELGAUM TEST HOUSE LLP

(Recognised under section 12 of the Environment (Protection) Act, 1986) New Delhi.

ಬೆಳಗಾವಿ ಟೆಸ್ಟ್ ಹೌಸ್ ಎಲ್‌ಎಲ್‌ಪಿ

(ಪರಿಷದ್ (ಸಂರಕ್ಷಣಾ) ಕಾಯ್ದೆ, 1986 ರ ಕಲಂ 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ) ನವ ದೆಹಲಿ.

ಬೆಲಗಾವಿ ಟೆಸ್ಟ್ ಹೌಸ್ ಎಲ್‌ಎಲ್‌ಪಿ

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यू दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015



ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018 Accredited Testing Laboratory by NABL

## TEST REPORT

BTHLLP / GEN / F / 25 / 02 / 00


### ANALYSIS REPORT OF AMBIENT AIR QUALITY


Test report Number	BTHLLP2024001193	Test report issue date	31.12.2024
Sample code Number	BTHLLP/BLDE/A/24/12/1090	ULR Number	TC147352400000914F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Name of the sample	Ambient Air	Monitoring location	Near ETP Plant
Particulars of sample collected	Monitored through Respirable Dust Sampler 961-DTG-11 Gaseous Sampler 285-DTJ-11 and Fine Particulate Sampler-694-DTL-11	Date of receipt of sample	20.12.2024
		Date of start of analysis	20.12.2024
		Date of completion of analysis	24.12.2024
Sample collected by	M/s. Belgaum Test House LLP, Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum 590015	Reference to sampling procedure	BTH/QSP/19
Date of Monitoring	16.12.2024	Time/ duration of sampling	09:10 am to 04:10 am
Discipline	Chemical		
Product category	Atmospheric Pollution		
Product sub-category	Ambient Air		
Page No	1 of 1		
Amendment No & date	--		


Sl. No	Parameters	Unit	Results	NAAQ Standards (2009)	Methods
1.	Particulate Matter (PM 10)	µg/ m <sup>3</sup>	62	100	IS: 5182 (Part 23)
2.	Particulate Matter (PM 2.5)	µg/ m <sup>3</sup>	16	60	IS: 5182 (Part 24)
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	5.49	80	IS: 5182 (Part 2)
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	17.39	80	IS: 5182 (Part 6)- 1st rev

<b>INFERENCE</b>	As per NAAQ Standards, Report Status: -The measured values for the above parameters are within the standards.
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\*\*\*End of Report\*\*\*

  
Analysed by

  
Verified by

  
Authorized Signatory  
Shrinidhi R (Quality Manager)

### Concern towards protecting Environment

#### Note:

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# BELGAUM TEST HOUSE LLP

(Recognised under section 12 of the Environment (Protection) Act, 1986) New Delhi.

ಬೆಳಗಾಂ ಟೆಸ್ಟ್ ಹೌಸ್ ಎಲ್‌ಎಲ್‌ಪಿ

(ಪರಿಷ್ಕರಣೆ (ಸಂರಕ್ಷಣೆ) ಕಾಯ್ದೆ 1986 ರ ಕಲಂ 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ) ನವ ದೆಹಲಿ.

बेलगांव टेस्ट हाउस एलएलपी

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यु दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕಾಂಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಎರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015



TC-14735

ISO 9001 : 2015, ISO 14001 : 2015 & ISO 45001 : 2018 Accredited Testing Laboratory by NABL

## TEST REPORT

BTHLLP / GEN / F / 25 / 02 / 00

### ANALYSIS REPORT OF WASTE WATER QUALITY

Test report Number	BTHLLP2024001194	Test report issue date	31.12.2024
Sample code Number	BTHLLP/BLDE/WW/24/12/1091	ULR Number	TC147352400000915F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Sampling Location & Method of Sampling	ETP Treated Water, Grab Sampling	Date of receipt of sample	20.12.2024
		Date of start of analysis	20.12.2024
		Date of completion of analysis	24.12.2024
Date of Monitoring	16.12.2024	Time/ duration of sampling	
Discipline	Chemical		
Product Group	Environmental Pollution		
Product sub-category	Waste Water (Effluent)		
Page No	1 of 1		
Amendment No & date	--		

SL.No	Parameters	Test Method	Unit	Result
1.	pH	APHA 4500 H+ B	--	8.07
2.	Total Suspended Solids	APHA 2540 D	mg/L	14
3.	B.O.D (3 days @ 27°C)	IS 3025 Part 44	mg/L	28
4.	Chemical Oxygen Demand	APHA 5220 B	mg/L	60
5.	Oil & Grease	APHA 5520 B	mg/L	BDL
6.	Residual Free Chlorine	APHA 4500 Cl B	mg/L	BDL
7.	Sulphate as SO <sub>4</sub>	APHA 4500-SO <sub>4</sub> <sup>2-</sup> E	mg/L	13.35

Note: BOD: Biochemical Oxygen Demand, BDL - Below Detectable Limit.

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

Analysed by

Verified by

Authorized Signatory  
Raviraj P S (Senior Analyst)

### Concern towards protecting Environment

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(ಪರಿಷರ (ಸಂರಕ್ಷಣಾ) ಕಾಯ್ದೆ, 1986 ರ ಕಲಂ 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ) ನವ ದೆಹಲಿ.

## बेलगांव टेस्ट हाउस एलएलपी

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यु दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕಣಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015



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BTHLLP / GEN / F / 25 / 02 / 00

## TEST REPORT

### ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test report Number	BTHLLP2025000785	Test report issue date	05.02.2025
Sample code Number	BTHLLP/BLDE/A/25/01/1855	ULR Number	TC1473525000001767F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Name of the sample	Ambient Air	Monitoring location	Near Generator DG Room
Particulars of sample collected	Monitored through Respirable Dust Sampler APM 460NL, Gaseous Sampler APM 411TE and Fine Particulate Sampler APM 550 and Ozone BTH/Ins/CO/01	Date of receipt of sample	31.01.2025
		Date of start of analysis	31.01.2025
		Date of completion of analysis	04.02.2025
Sample collected by	M/s. Belgaum Test House LLP, Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum 590015	Reference to sampling procedure	BTHLLP/QSP/19
Date of Monitoring	20.01.2025	Time/ duration of sampling	08 Hrs 09:00 am to 05:00 pm
Discipline	Chemical		
Group	Atmospheric Pollution		
Page No	1 of 1		
Amendment No & date	--		

Sl. No	Parameters	Unit	Results	NAAQ Standards (2009)	Methods
1.	Particulate Matter (PM <sub>10</sub> )	µg/ m <sup>3</sup>	68	100	IS: 5182 (Part 23)
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/ m <sup>3</sup>	24	60	IS: 5182 (Part 24)
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	8.24	80	IS: 5182 (Part 2)
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	19.87	80	IS: 5182 (Part 6)- 1st rev

#### INFERENCE

As per NAAQ Standards,

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

Reviewed by  
(Murgesh Bukitgar),  
Technical Manager

Authorized Signatory  
(Vinayak S Naik),  
Senior Analyst

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

### Concern towards protecting Environment

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(ಪರಿಷ್ಕರಣೆ (ಸಂರಕ್ಷಣೆ) ಕಾಯ್ದೆ, 1986 ರ ಕಲಂ 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ) ಸವ ದೆಹಲಿ.

बेलगांव टेस्ट हाउस एलएलपी

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यू दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015



TC-14735

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BTHLLP / GEN / F / 25 / 02 / 00

## TEST REPORT

### ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test report Number	BTHLLP2025000786	Test report issue date	05.02.2025
Sample code Number	BTHLLP/BLDE/A/25/01/1856	ULR Number	TC1473525000001768F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Name of the sample	Ambient Air	Monitoring location	Near ETP Plant
Particulars of sample collected	Monitored through Respirable Dust Sampler APM 460NL, Gaseous Sampler APM 411TE and Fine Particulate Sampler APM 550 and Ozone BTH/Ins/CO/01	Date of receipt of sample	31.01.2025
Sample collected by	M/s. Belgaum Test House LLP, Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum 590015	Date of start of analysis	31.01.2025
Date of Monitoring	20.01.2025	Date of completion of analysis	04.02.2025
Discipline	Chemical	Reference to sampling procedure	BTHLLP/QSP/19
Group	Atmospheric Pollution	Time/ duration of sampling	08 Hrs 09:10 am to 04:10 am
Product sub-category	Ambient Air		
Page No	1 of 1		
Amendment No & date	--		

SI. No	Parameters	Unit	Results	NAAQ Standards (2009)	Methods
1.	Particulate Matter (PM <sub>10</sub> )	µg/ m <sup>3</sup>	63	100	IS: 5182 (Part 23)
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/ m <sup>3</sup>	19	60	IS: 5182 (Part 24)
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	6.56	80	IS: 5182 (Part 2)
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	15.97	80	IS: 5182 (Part 6)- 1st rev

**INFERENCE** As per NAAQ Standards, Report Status: -The measured values for the above parameters are within the standards.

Reviewed by  
(Murgesh Bukitgar),  
Technical Manager

Authorized Signatory  
(Vinayak S Naik),  
Senior Analyst

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

Concern towards protecting Environment

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बेलगांव टेस्ट हाउस एलएलपी

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला) न्यु दिल्ली.

Office Address : Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum - 590 015.

ಕಛೇರಿ ವಿಳಾಸ : ಪ್ಲಾಟ್ ನಂ. 457/458, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015



TC-14735

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## TEST REPORT

BTHLLP / GEN / F / 25 / 02 / 00

### ANALYSIS REPORT OF WASTE WATER QUALITY

Test report Number	BTHLLP2025000787	Test report issue date	05.02.2025
Sample code Number	BTHLLP/BLDE/WW/25/01/1857	ULR Number	TC1473525000001769F
Name and address of customer with contact details	M/s. BLDE University of Medical College & Hospital.	Reference to Work order/ Client request letter/ Purpose of the report	Work order No. HPPO 05-2638/24-25 dt 14.12.2024
Name of the sample	Treated Effluent	Date of receipt of sample	31.01.2025
Sampling Location & Method of Sampling	ETP Treated Water, Grab Sampling	Date of start of analysis	31.01.2025
		Date of completion of analysis	04.02.2025
Sample collected by	M/s. Belgaum Test House LLP, Plot No. 457/458, Kanbargi Industrial Area, Autonagar, Belgaum 590015	Reference to sampling procedure	BTHLLP/QSP/19
Date of Monitoring	20.01.2025		
Discipline	Chemical		
Group	Pollution and Environment		
Page No	1 of 1		
Amendment No & date	--		

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	APHA 4500 H <sup>+</sup> B	--	7.31
2.	Total Suspended Solids	APHA 2540 D	mg/L	10
3.	B.O.D (3 days @ 27°C)	IS 3025 Part 44	mg/L	25
4.	Chemical Oxygen Demand	APHA 5220 B	mg/L	72
5.	Oil & Grease	APHA 5520 B	mg/L	BDL
6.	Residual Free Chlorine	APHA 4500 Cl B	mg/L	BDL
7.	Sulphate as SO <sub>4</sub>	APHA 4500-SO <sub>4</sub> <sup>2-</sup> E	mg/L	15.25

Note: BOD: Biochemical Oxygen Demand, BDL - Below Detectable Limit.

Reviewed by  
(Vinayak S Naik),  
Senior Analyst

Authorized Signatory  
(Raviraj P. Shetti)  
Senior Analyst

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

Concern towards protecting Environment

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