



## 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: 005/2023-24

Date: 08.06.2023

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 the year- 2022

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

ಶ್ವೇತಕಿರಿದ  
10/06/2023  
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ಪಾ ನ - ವಿಜಯನುರ

Medical Superintendent

BLDE (Deemed to be University)

Shri B. M. Patil Medical College

The environment officer, KSPCB, Sy.No 490 K, Plot No"86 Harkari Layour, Vajrahanuman  
Hospital & R.C. VIJAYA PURA 586103.  
Nagar Bagalkot Road Vijayapura.

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@bldeuniversity.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 authorized 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		<a href="http://Sbmphospital.bldedu.ac.in">Sbmphospital.bldedu.ac.in</a> <a href="http://bio-medicalwaste.managemant/">bio-medicalwaste.managemant/</a>
	(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	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum								
	Incinerators :	1No	600kg	58650kg								
	Plasma Pyrolysis Autoclaves :	1No	300 kg	11,100 kg								
	Microwave Hydroclave Shredder :	1No	300 kg	5040 kg								
	Needle tip cutter or destroyer											
	Sharps : encapsulation or -concrete pit	4No	30kg	1008kg								
	Deep burial pits:	-	-	-								
	Chemical disinfection:											
	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.) 1800 kg Per annum. : Blue Category 8950 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="0"> <thead> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration :950 KG / Per Annum</td> <td>( Stored in Closed Line Tank )</td> </tr> <tr> <td>Ash</td> <td></td> </tr> <tr> <td>ETP Sludge (STP) 1900 KG / Per Annum)</td> <td>( Used for complex Garden)</td> </tr> </tbody> </table>			Quantity generated	Where disposed	Incineration :950 KG / Per Annum	( Stored in Closed Line Tank )	Ash		ETP Sludge (STP) 1900 KG / Per Annum)	( Used for complex Garden)
Quantity generated	Where disposed											
Incineration :950 KG / Per Annum	( Stored in Closed Line Tank )											
Ash												
ETP Sludge (STP) 1900 KG / Per Annum)	( Used for complex Garden)											
(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		1010
	(iii) number of personnel trained at the time of induction		750
	(iv) number of personnel not undergone any training so far		150
	(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 01-01-2022 to 31-12-2022

Date: 08-04-2023

Place: Vijayapura.

Name and Signature of the Head of the Institution

*[Signature]*  
**Medical Superintendent**  
 BLDE (Government to Government)  
 Sri. S. S. Reddy  
 Hospital, C. V. Reddy Hospital, Vijayapura



B. L. D. E. (Deemed to be University)  
Shri B. M. Patil Medical College, Hospital & Research Centre,  
Smt. Bangaramma Nagar Campus, B.M. Patil Road, (Sholapur Road), Vijayapura 586 101, Karnataka, India

Date: 26.9.2022

Meeting Notice

Biomedical Waste Management Committee meeting will be held on 26.9.2022 at 12:15 P.M. in the Principal office to discuss about the activities of Biomedical Waste Management Committee. Please make it convenient to attend the meeting.

Dr. Rashmi .M. Karigoudar  
Member Secretary

Copy to the:

- The Vice Chancellor, BLDE (Deemed to be) University.
- The Registrar, BLDE (Deemed to be) University
- The Principal, B.L.D.E. (DU) SBMPMC, H & RC
- The Medical Superintendent.
- All Members of the Committee.

Dr. Rashmi. M. Karigoudar

Members of the Committee

Sl. NO	Members	Designation	Signature
1.	Dr. Arvind V Patil	Dean Faculty of Medicine and Principal	
2.	Dr. Rajesh Honnutagi	Medical Superintendent	
3.	Dr. Ashok Taradi	Resident Medical Officer	<i>[Signature]</i>
4.	Dr. Annapurna Sagar	Deputy Medical Superintendent	<i>[Signature]</i>
5.	Dr. Vyayalaxmi Patil	Associate Professor, Dept. of Pathology	<i>[Signature]</i>
6.	Dr. Dayanand Biradar	Associate Professor, Dept. of Surgery	<i>[Signature]</i>
7.	Dr. Renuka Holyachi	Associate Professor, Dept. of Anaesthesiology	
8.	Dr. Basavaraj Patil	Assistant Professor, Dept. of OBG	<i>[Signature]</i>
9.	Dr. Hidayatullah Bijapure	Assistant Professor, Dept. of Pediatrics	<i>[Signature]</i>
10.	Dr. Tanuja <del>Kulkarni</del> Patankar	Assistant Professor, Dept. of Community Medicine	<i>[Signature]</i>
11.	Dr. Avinash Jugati	Assistant Professor, Dept. of Medicine	
12.	Dr. Prasanth Kenganal	Assistant Professor, Dept. of Orthopedics	
13.	Mrs. Jeyanthi. R	Nursing Superintendent	<i>[Signature]</i>
14.	Mr. Ramesh Kumar	Asst. Hospital Administrator	<i>[Signature]</i>
15.	Mr. R. C. Kamble	ETP/Incinerator Operator	<i>[Signature]</i>
16.	Operation Theatre Incharge		<i>[Signature]</i>

## Members of the Committee -Attendance

Sl. NO	Members	Designation	Signature
1.	Dr. Aravind V Patil	Dean Faculty of Medicine and Principal	
2.	Dr. Rajesh Homnutagi	Medical Superintendent	
3.	Dr. Ashok Tarach	Resident Medical Officer	<i>[Signature]</i>
4.	Dr. Annapurna Sajan	Deputy Medical Superintendent	<i>[Signature]</i>
	Dr. Vijayalaxmi Patil	Associate Professor, Dept. of Pathology	<i>[Signature]</i>
	Dr. Dayanand Biradar	Associate Professor, Dept. of Surgery	<i>[Signature]</i>
	Dr. Renuka Holyachi	Associate Professor, Dept. of Anaesthesiology	
	Dr Basavaraj Patil	Assistant Professor, Dept. of OBG	<i>[Signature]</i>
	Dr. Hidayatullah Bijapure	Assistant Professor, Dept. of Pediatrics	<i>[Signature]</i>
	Dr. Tanuja Kulkarni <i>latencies</i>	Assistant Professor, Dept. of Community Medicine	<i>[Signature]</i>
	Dr. Avinash Jugati	Assistant Professor, Dept. of Medicine	
	Dr. Prasanth Kenganal	Assistant Professor, Dept. of Orthopedics	
	Mrs. Jeyanthi. R	Nursing Superintendent	<i>[Signature]</i>
	Mr. Ramesh Kumar	Asst. Hospital Administrator	<i>[Signature]</i>
	Mr. R. C. Kamble	ETP/Incinerator Operator	<i>[Signature]</i>
	Operation Theatre Incharge		<i>[Signature]</i>
	Dr. Rashmi M Karigoudar	Member Secretary, Dept. of Microbiology	

BLDEU's Shri B. M. Patil Medical College, Hospital and Research Centre,  
Bijapur - 586103.

Biomedical Waste Management Committee

Minutes of the meeting

The Biomedical Waste Management Committee meeting was conducted on 16.9.2022 at 11:00A.M. in the Medical Superintendent chamber.

The following members attended the meeting:-

SL NO	Members	Designation
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	Deputy Medical Superintendent
5.	Dr. Vijayalaxmi Patil	Associate Professor, Dept. of Pathology
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. Hidayatulla Bijapure	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. Ramesh Kumar	Asst. Hospital Administrator
15.	Mr. R. C. Kamble	ETP/Incinerator Operator
16.	Operation Theatre Incharge	
17.	Dr. Rashmi M Karigoudar	Member Secretary, Dept. of Microbiology



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



## BIO-MEDICAL WASTE MANAGEMENT COMMITTEE

### Minutes of Meeting

Date and time: 26.09.2022,11:00 PM

Venue: Principle Office

#### Agenda of the meeting:


1. Analysis of segregation of waste
2. Brick building of the Incineration plant room
3. Roles and responsibility of the new committee members
4. Discussion about the points issued by KSPCB on 29/6/2022
5. Schedule for Training of the teaching and non teaching staff on biomedical waste management
6. Procurement of weighing machine for the wards

Sl. No	POINT DISCUSSED	DECESION	TIME FRAME
1	Analysis of segregation of waste	Satisfactory,Needs training	1 month
2	Brick building of the Incineration plant room	It will be built	2 month
3	Roles and responsibility of the new committee members	Explained to each member	1 month



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



4	Schedule for Training of the teaching and non teaching staff on biomedical waste management	Schedule for the same was put	1 month
5	Procurement of weighing machine for the wards	weighing machine for the wards will be procured	2 month

  
Dr. Rashmi. m. K  
member Secretary

### **BIO-MEDICAL WASTE MANAGEMENT COMMITTEE**

#### **Roles & Responsibilities:**

- Biomedical waste management Committee shall establish a system to review and monitor the activities related to bio-medical waste management.
- To monitor that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with biomedical waste management rules 2016 in the hospital.
- Ensure segregation of waste at the point of generation and ensure pre-treatment of waste prior to mixing with other waste generated from health care facilities.
- Ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974.
- Provide training to all health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year.
- Immunize all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste.
- Report major accidents including accidents caused by fire hazards, blasts during handling of bio-medical waste and the remedial action taken.
- Maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and color coding.
- Make available the annual report on its web-site and to look into renewal of authorization.
- Maintain all record for operation of incineration, autoclaving etc.
- Conduct post event analysis of biomedical waste management and suggest necessary corrective and preventive measures based on the analysis.
- Committee shall meet once in every six months.
- The record of the minutes of the meetings shall be submitted along with the annual report to the prescribed authority.
- The committee shall ensure that adequate resources are provided by the management for effective biomedical waste management.

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

**Frequency of meeting:** Once In 6 months

**Quorum requirements:** Minimum of 7 members are required to compose a quorum

**Convener:** Asst. Professor, Dept. of Microbiology will be the convener of this committee. He/ she will coordinate and manage the meeting, describing the agenda and ensuring that the committee meeting is conducted as per the schedule. He/she shall prepare the meeting minutes and circulate among the members.

**Review of Committee Functions:** Annually.

BLDE (Deemed to be University)  
Shri. B. M. Patil Medical College, Hospital and Research Centre, Bijapur.

Date: 18.04.2022

Meeting Notice

Biomedical Waste Management Committee meeting will be held on 18.04.2022 at 4:00 P.M. in the chamber of Medical Superintendent to discuss about the activities of Biomedical Waste Management Committee. Please make it convenient to attend the meeting.



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.



Dr. Rashmi .M. Karigoudar

Members:

1. Dr. Rajesh Honnutagi  
Medical Superintendent.

*Rajesh Honnutagi*

2. Dr. Ashok Tardi  
RMO/Chief NABH Co-Ordinator

3. Dr. Annapurna Sajjan  
Deputy Medical Superintendent

*Annapurna Sajjan*

4. Dr. Shailaja Patil.  
Prof. & Head, Dept. of Community Medicine.

5. Dr. Vidya A Patil  
Prof. & Head, Dept. of Anaesthesiology.

6. Mr. Ramesh Kumar.  
Asst. Hospital Administration

*Ramesh Kumar*

7. Mrs. Jeyanthi. R  
Nursing Superintendent.

*Jeyanthi R*

8. Mr. R. C. Kamble.  
ETP/Incinerator Operator.

*R. C. Kamble*

9. Mr. Dundappa Ingale  
Housekeeping Supervisor.

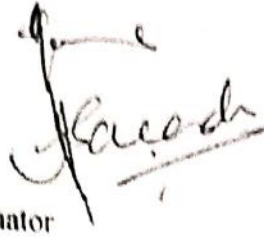
10. Operation Theatre Incharge

11. Dr. Rashmi M Karigoudar  
Member Secretary

*Rashmi M Karigoudar*

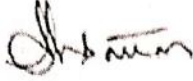
Members: Attended

1. Dr. Rajesh Honnutagi  
Medical Superintendent.



2. Dr. Ashok Tardi  
RMO/Chief NABH Co-Ordinator

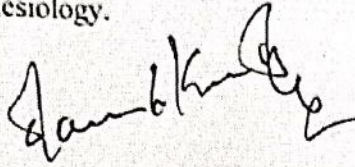
3. Dr. Annapurna Sajjan  
Deputy Medical Superintendent



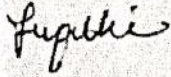
4. Dr. Shailaja Patil.  
Prof. & Head, Dept. of Community Medicine.

5. Dr. Vidya A Patil  
Prof. & Head, Dept. of Anaesthesiology.

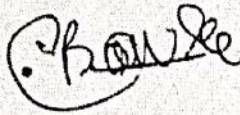
6. Mr. Ramesh Kumar.  
Asst. Hospital Administration



7. Mrs. Jeyanthi. R  
Nursing Superintendent.



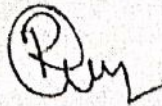
8. Mr. R. C. Kamble.  
ETP/Incinerator Operator.



9. Mr. Dundappa Ingale  
Housekeeping Supervisor.

10. Operation Theatre Incharge

11. Dr. Rashmi M Karigoudar  
Member Secretary



**BLDEU's Shri B. M. Patil Medical College, Hospital and Research Centre,  
Bijapur - 586103.**

**Biomedical Waste Management Committee**

**Minutes of the meeting**

The Biomedical Waste Management Committee meeting was conducted on 18.4.2022 at 4:00P.M. in the Medical Superintendent chamber.

The following members attended the meeting:-

1. Dr. Rajesh Honnutagi  
Medical Superintendent.
2. Dr. Ashok Tardi  
RMO/Chief NABH Co-Ordinator
3. Dr. Annapurna Sajjan  
Deputy Medical Superintendent
4. Dr. Shailaja Patil.  
Prof. & Head, Dept. of Community Medicine.
5. Dr. Vidya A Patil  
Prof.& Head, Dept. of Anaesthesiology.
6. Mr. Ramesh Kumar.  
Asst. Hospital Administration
7. Mrs. Jeyanthi. R  
Nursing Superintendent.
8. Mr. R. C. Kamble.  
ETP/Incinerator Operator.
9. Mr. Dundappa Ingale  
Housekeeping Supervisor.
10. Operation Theatre Incharge
11. Dr. Rashmi M Karigoudar  
Member Secretary



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Ashram Road, VIJAYPUR-586 103 Phone No.08352-262770



## BIO-MEDICAL WASTE MANAGEMENT COMMITTEE

### Minutes of Meeting

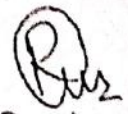
Date and time: 18.04.2022, 4:00 PM

Venue:- Medical Superintendent chamber

#### Agenda of the meeting:

1. Analysis of segregation of waste.
2. Renewal of Authorization
3. Quotations for the biomedical waste transportation trolley with bin
4. Repair of roof top sheets of incinerator plant room

Sl. No	POINT DISCUSSED	DECISION	TIME FRAME
1	Analysis of segregation of waste.	Satisfactory	1 month
2	Renewal of Authorization	To ensure the requirements for renewal	1 month
3	Quotations for the biomedical waste transportation trolley with bin	Informed to get Quotations	1 month
4	Repair of roof top sheets of incinerator plant room	Will be done	1 month

  
Dr. Rashmi. m. k  
member secretary

**Test Report**

EHSRDCU/II/GEN/F/29/02/00

**ANALYSIS REPORT OF EFFLUENT QUALITY**

1. Name of the Location : Industry Premises, ETP Outlet.
2. Name of the Project : M/s. BLDE.  
B.M. Patil Medical College, Hospital, Research Centre,  
District: Bijapur.
3. Sample Collected by : M/s. Environmental Health and Safety Research  
& Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 10.03.2023
5. Particulars of Sample Collected : Treated effluent from ETP, Grab Sampling
6. Date of Sample Receipt : 16.03.2023
7. Sample Number : EHSRDCU2/BLDE/WW/23/03/7182
8. Analysis started on : 16.03.2023
9. Analysis Completed on : 20.03.2023
10. Report issued date : 20.03.2023
11. Page No : 4 of 4
12. Protocol : APHA, 23<sup>rd</sup> Edition

Sl. No	Parameters	Protocol	Unit	Result	KSPCB Tolerance Limit
1.	pH	APHA 4500H+ B	-	7.60	6.5-9.0
2.	Biological Oxygen Demand (3 days @ 27°C)	APHA 5210 B	mg/L	3.5	Not more than 10
3.	Chemical Oxygen Demand	APHA 5220 B	mg/L	12	Not more than 50
4.	Residual Chlorine	APHA 4500CIB	mg/L	BDL	Not Specified
5.	Total Suspended solids	APHA 2540 D	mg/L	01	Not more than 20
6.	Sulphate as SO <sub>4</sub>	APHA 4500-SO <sub>4</sub> <sup>2-</sup> E	mg/L	78.10	Not Specified
7.	Oil and Grease	APHA 5520 B	mg/L	BDL	Not Specified

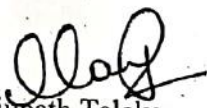
BDL: Below Detectable Limit.

Compliance status	As per KSPCB Tolerance Limit Standards, Report Status: - The measured values for the above parameters for those standards have been specified were observed to be within the said standards.
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Note: 1. The results relate only to the items tested

2. The report shall not be reproduced except in full or part without approval of the laboratory

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

  
 Manjunath Talekar  
 Government Analyst

**Concern towards protecting Environment**

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ : ನಂ. ೪೫೭, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೫, ಕರ್ನಾಟಕ

आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, कर्नाटक

**Test Report**

EHSRDCU/II / GEN / F / 29 / 02 / 00

**ANALYSIS REPORT FOR SOURCE EMISSION**

1. Stack ID : Incinerator Chimney
2. Name of the Industry : M/s. BLDE.  
B.M. Patil Medical College, Hospital,  
Research Centre, District: Bijapur.
3. Sample Collected by : M/s. Environmental Health and Safety Research  
& Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 10.03.2023
5. Particulars of Sample Collected : Emissions from stack collected through  
Stack Sampler VSS1
6. Date of Sample Receipt : 16.03.2023
7. Sample Number : EHSRDCU2/BLDE/S/23/03/7181
8. Report issued date : 20.03.2023
9. Page No : 3 of 4

**GENERAL DETAILS**

Date of Monitoring	10.03.2023
Ambient Temperature (°C)	27
Stack Temperature (°C)	68
Velocity (m/s)	6.24
Diameter (m)	0.42
Cross Sectional Area in meter square (m <sup>2</sup> )	0.138
Quantity of flue gas discharged into atmosphere (Nm <sup>3</sup> /h)	2736.34
Dust Emission Rate of PM, kg/hr	0.129

**RESULTS**

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS: 11255, (P1)	mg/Nm <sup>3</sup>	47.16	150
Oxide of Nitrogen as NO <sub>2</sub>	IS: 11255, (P7)	mg/Nm <sup>3</sup>	15.52	50
Sulphur Dioxide as SO <sub>2</sub>	IS: 11255, (P2)	mg/Nm <sup>3</sup>	13.37	100

Compliance status	As per KSPCB Standards, Report Status: - The measured values for above parameters are within the standards.
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Note: 1. The results relate only to the items tested

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

*Manjunath Talekar*  
Manjunath Talekar  
Government Analyst

**Concern towards protecting Environment**

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ : ನಂ. ೪೫೭, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೫, ಕರ್ನಾಟಕ  
आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, कर्नाटक

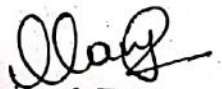
**Test Report**

**ANALYSIS REPORT OF AMBIENT AIR QUALITY**

1. Name of the Station : Near Generator DG Room.
2. Name of the Project : M/s. BLDE.  
B.M. Patil Medical College, Hospital,  
Research Centre, District: Bijapur.
3. Sample Collected by : M/s. Environmental Health and Safety Research  
& Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 10.03.2023
5. Particulars of Sample Collected : Ambient Air collected through  
Fine Particulate Sampler - APM 550  
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 16.03.2023
7. Sample Number : EHSRDCU2/BLDE/A/23/03/7180
8. Report issued date : 20.03.2023
9. Page No : 2 of 4

SI. No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
	Period of Sampling/Time	Hrs	8 07:20 am to 03:20pm	24	-
1.	Particulate Matter (PM <sub>10</sub> )	µg/ m <sup>3</sup>	72	100	IS: 5182 (P 23)-2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/ m <sup>3</sup>	27	60	IS: 5182 (P 24)-2019
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	7.28	80	IS: 5182 (P2)-2001
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	20.28	80	IS: 5182 (P6)-2006

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

  
Manjunath Talekar  
Government Analyst

**Concern towards protecting Environment**

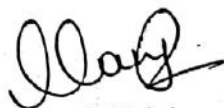
Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka  
ಕಛೇರಿ ವಿಳಾಸ : ನಂ. ೪೫೭, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೫, ಕರ್ನಾಟಕ  
आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, कर्नाटक

**ANALYSIS REPORT OF AMBIENT AIR QUALITY**

1. Name of the Station : Near ETP Plant
2. Name of the Project : M/s. BLDE.  
B.M. Patil Medical College, Hospital,  
Research Centre, District: Bijapur.
3. Sample Collected by : M/s. Environmental Health and Safety Research  
& Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 10.03.2023
5. Particulars of Sample Collected : Ambient Air collected through  
Fine Particulate Sampler - APM 550  
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 16.03.2023
7. Sample Number : EHSRDCU2/BLDE/A/23/03/7179
8. Report issued date : 20.03.2023
9. Page No : 1 of 4

SI. No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
	Period of Sampling/Time	Hrs	8 07:00 am to 03:00pm	24	-
1.	Particulate Matter (PM <sub>10</sub> )	µg/ m <sup>3</sup>	75	100	IS: 5182 (P 23)-2006
2.	Particulate Matter (PM <sub>2.5</sub> )	µg/ m <sup>3</sup>	30	60	IS: 5182 (P 24)-2019
3.	Sulphur dioxide (SO <sub>2</sub> )	µg/ m <sup>3</sup>	8.04	80	IS: 5182 (P2)-2001
4.	Nitrogen dioxide (NO <sub>2</sub> )	µg/ m <sup>3</sup>	23.14	80	IS: 5182 (P6)-2006

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