

Form – IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th 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)	:	Mr Sanjay Singha Mahapatra
	(ii) Name of HCF or CBMWTF	:	Medica cancer hospital[UNIT OF NBOCPL]
	(iii) Address for Correspondence	:	Rangapani siliguri
	(iv) Address of Facility	:	
	(v)Tel. No, Fax. No	:	9933356204
	(vi) E-mail ID	:	contactusmch@mnbc.in
	(vii) URL of Website	:	
	(viii) GPS coordinates of HCF or CBMWTF	:	NA
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorization No.: A/46/wbp/sro/bma/dar/n-8/2006[sr-bwcb]1810/88 Valid upto:31/03/2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid upto: 31/03/2024
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: <u>50</u>
	(ii) Non-bedded hospital	:	NA
	Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	
	(iii) License number and its date of expiry	:	32734979 31/08/2024
3	Details of CBMWTF	:	NA
	(i) Number of health care facilities covered by CBMWTF	:	NA
	(ii) No. of Beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	<u>NA</u> Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	<u>NA</u> Kg / day
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	<i>Yellow Category:324.925</i> <i>Red Category:380.625</i> <i>White:25.45</i> <i>Blue Category:26.925</i> <i>General Solid Waste:470 kg</i>
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility		
	(i) Details of the on-site storage	:	Size:120 SQFT



facility		Capacity: Provision of on-site storage : (Cold storage or any other provision)					
(ii) Disposal facilities				Quantity Treated or disposed in kg per annum			
					Type of treatment equipment	No of Units	Capacity Kg/day
					Incinerators		
					Plasma Pyrolysis		
					Autoclaves		
					Microwave		
					Hydroclave		
					Shredder		
					Needle tip cutter or destroyer		
					Sharps		
					Encapsulation or concrete pit		
					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.)					
(iv) No. of Vehicles used for collection and transportation of biomedical waste	:						
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum			Quantity Generated	Where disposed			
			Incineration				
			Ash				
			ETP Sludge				
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		GREENZEN BIO PVT LTD					
(vii) List of member HCF not handed Over bio-medical waste.							
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		COMMITTEE EXIST					

7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management		15
	(ii) Number of personnel trained		207
	(iii) Number of personnel trained at the time of induction		02
	(iv) Number of personnel not undergone any training so far		NA
	(v) Whether standard manual for training is available?		YES
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		01
	(ii) Number of persons affected		01
	(iii) Remedial Action taken (Please attach details if any)		NA
	(iv) Any Fatality occurred, details		NA
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met The standards?		NA
	Details of Continuous online emission monitoring systems installed		NA
10	Liquid waste generated and treatment methods in place. How many times you Have not met the standards in a year?		AVILABLE [SPOTED FOR APRIL 19]
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) NA

Certified that the above report is for the period from

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Name and Signature of the Head of the Institution



Date:



Place:

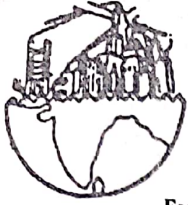
ANNUAL REPORT (BIO MEDICAL WASTE GENERATION) JAN' 2023 - DEC' 2023

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
YELLOW (1,3,5,6)	223	201.5	258.5	200	308.4	389.9	375.1	403.4	404.6	337.5	381.6	415.6	
1 (20.25%)	45.1575	40.80375	52.34625	40.5	62.451	78.95475	75.95775	81.6885	81.9315	68.34375	77.274	84.159	789.56775
3 (10.06%)	22.4338	20.2709	26.0051	20.12	31.02504	39.22394	37.73506	40.58204	40.70276	33.9525	38.38896	41.80936	392.24946
5 (0.60%)	1.338	1.209	1.551	1.2	1.8504	2.3394	2.2506	2.4204	2.4276	2.025	2.2896	2.4936	23.3946
6 (69.09%)	154.0707	139.2164	178.5977	138.18	213.0736	269.3819	259.1566	278.7091	279.5381	233.17875	263.64744	287.138	2693.88819
TOTAL	223	201.5	258.5	200	308.4	389.9	375.1	403.4	404.6	337.5	381.6	415.6	3899.1
RED (7)	325	238.8	313	229	320.7	446.5	446.7	446.5	488.5	409.5	459.5	479	4567.5
BLUE	12	14.5	31	32	22.2	30.7	53	25.7	14.5	31	22	34.5	323.1
PPC/SHARP (4)	26	17.2	29.5	26	42	16.5	29.7	14	18.5	30.5	26	29.5	305.4
GRAND TOTAL	586	472	632	487	693.3	883.6	904.5	889.1	921.1	808.5	889.1	928.9	9095.1
CATEGORY NO. 8	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	17700	212400
CATEGORY NO. 10	354	354	354	354	354	354	354	354	354	354	354	354	4248

MONTHLY- AVG	
YELLOW	324.925
RED	380.625
BLUE	26.925
PPC	25.45
TOTAL	757.925

All Quantity in Kg



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Format No.BF/FM/38

25/11A, K. P. Roy Lane, Kolkata - 700 031

E-mail : bharatfoundation@gmail.com



TC-5850

Test Report

Analysis Report of Exhaust Gases

Report No.: AP/23/232B

Date of Reporting: 06.01.2024

Name and Address of the Industry:	M/s. North Bengal Oncology Centre Pvt. Ltd. Medica Cancer Hospital
Date of Sampling: 27.12.2023	Vill : PO: Rangapani, District: Darjeeling, Pin: 734434, W.B.
Sampling done by:	Date of Completion of Analysis : 04.01.2024 Mr. T. Ghosh

A. General Information about Stack:	
1. Stack connected to:	Diesel Generator
2. Emission due to:	Combustion of H. S. D.
3. Material of construction of stack:	M. S.
4. Shape of stack:	Circular
5. Whether stack is provided with permanent platform/ladder:	Temporary
6. Capacity:	75.0 KVA

B. Physical Characteristic of Stack:	
1. Height of the stack from – I) Ground Level:	3.65 M
II) Roof Level:	----
2. Diameter of the stack at bottom:	----
3. Diameter of the stack at Sampling Point:	----
4. Height of the sampling point from ground Level:	0.1016 M

C. Analysis/Characteristic of Fuel:	
1. Fuel Used:	H. S. D.
2. Fuel Consumption:	9.0 L / Hr.
3. Calorific value (K-Cal/kg):	Not Available
4. Sulphur content (% by wt):	Not Available
5. Ash content (% by wt):	Not Available

D. General Conditions of Gaseous Emission:	
1. Temperature of Emission (Deg. C):	82
2. Barometric Pressure (mm of Hg):	757
3. Velocity of gas in Stack (M/Sec):	13.81
4. Quantity of gas flow (NM ³ /hr):	427.5

E. Results of Sampling and Analysis of Gaseous Emission:		
Parameters Analyzed	Specification/Standard Method	Results
1. Concentration of Sulphur Dioxide (mg/NM ³):	IS : 11255(Pt-2)2019	11.8
2. Concentration of Carbon Monoxide (% v/v):	IS : 13270-2019	< 0.2 by Orsat
3. Concentration of Carbon Dioxide (% v/v):	IS : 13270-2019	5.2 by Orsat
4. Concentration of Oxide of Nitrogen (mg/NM ³):	IS : 11255 (Part-7)2017	15.4
5.. Concentration of Particulate Matter (mg/NM ³):	IS : 11255(Pt-1):R.A.2019	19.9

F. Pollution Control Device	
Details of Pollution Control Device attached with the stack:	None

G. Technical Details	The Generator is provided with the Acoustic Enclosure. At the time of sampling, the generator was running without load.
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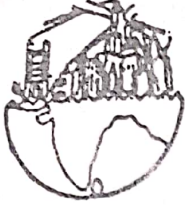
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End of the Report

Authorised Signatory

C. E. O. & Technical Manager

Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such water sample(s) are retained for 15 days from completion of test. The samples from regulatory bodies are to be retained as specified. This document cannot be reproduced except in full, without prior written approval of Bharat Foundation.



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TC-5850

Test Report

Format No.: BF/FM/40

Report No. EW/23/318

Date of Reporting: 06.01.2024

Name of the Company & Address:	North Bengal Oncology Centre Pvt. Ltd. Medica Cancer Hospital Vill : PO: Rangapani, District: Darjeeling, Pin: 734434, W.B.
Description of the Sample: Effluent Water	Reference of Sampling Plan: Grab
Sampling Procedure: APHA 23 rd Edition, 1060 B (a)	
Location / Source of Sample / Sample Marked As : ETP Outlet.	
Sample Collected & Submitted by: Our Representative (Mr. T. Ghosh).	
Date of Sampling: 27.12.2023	Date of Receipt of Sample at Laboratory: 28.12.2023
Date of Start of Analysis : 28.12.2023	Date of Completion of Analysis: 05.01.2024

Test / Analysis Result

Sl. No.	Parameters	Test Method	Maximum Permissible Limits As Per WBPCB Norms	Results
01.	pH(at 25°C)	APHA 23 rd Edition, 4500 H ⁺ B	5.5 – 9.0	7.88
02	Chemical Oxygen Demand (mg/l)	APHA 23 rd Edition, 5220-B	250	61.5
03.	Biological Oxygen Demand 3 days in 27°C (mg/l)	IS:3025 (Pt.44) 2003, R.A.2014	30	26
04.	Total Suspended Solids (mg/l)	APHA 23 rd Edition, 2540-D	100	24.4
05.	Oil & Grease (mg/l)	APHA 23 rd Edition, 5520-B	10	< 2.0

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For Bharat Foundation

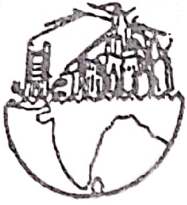
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A. Neogi

C. E. O. & Technical Manager

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TC-5850

Format No.: BF/FM/40A

Test Report

Report No.: W/23/417

Date of Reporting: 06.01.2024

Name of the Company & Address:	North Bengal Oncology Centre Pvt. Ltd. Medica Cancer Hospital Vill : PO: Rangapani, District: Darjeeling, Pin: 734434, W.B.	
Description of the Sample :	Drinking Water.	
Reference of sampling plan: Grab	Sampling Procedure: APHA 23 rd Edition, 1060 B (a)	
Location/Source of Sampling:	Tap connected to Aqua Guard Near Radiotherapy Unit.	
Sample Collected/Submitted By:	Our Representative (Mr. T. Ghosh).	
Date of Sampling: 27.12.2023	Date of Receipt of Sample At Laboratory: 28.12.2023	
Date of Start of Analysis: 28.12.2023	Date of Completion of Analysis: 06.01.2024	

TEST/ ANALYSIS RESULT

Sl. No.	Characteristics	Specification, Standard Methods	*Required (Desirable Limits)	* Permissible Limits in the Absence of Alternate Source	Results
1	pH Value (at 25°C)	APHA 23 rd Edition, 4500-H ⁺ B	6.5 to 8.5	No Relaxation	6.98
2	Colour, Hazen Units, Max.	APHA 23 rd Edition, 2120 B.	5	15	< 5
3	Turbidity, NTU, Max.	APHA 23 rd Edition, 2130 B.	1	5	< 1
4	Residual Chlorine, mg/l, Min	IS:3025(P.26) 1986,RA:2014	0.2	1	<0.1
5	Total Dissolved Solids mg/l, Max	APHA 23 rd Edition, 2540 C	500	2000	58.4
6	Total Alkalinity (as CaCO ₃) mg/l, Max	IS:3025(Part-23)-1986,RA:2014	200	600	27.0
7	Total Hardness (as CaCO ₃), mg/l, Max.	APHA 23 rd Edition, 2340 C	200	600	17.8
8	Calcium (as Ca)mg/l, Max	APHA 23 rd Edition, 3500 Ca B	75	200	4.4
9	Magnesium (as Mg) mg/l, Max	APHA 23 rd Edition, 3500-Mg-B	30	100	<2.0
10	Chloride (as Cl), mg/l, Max.	APHA 23 rd Edition, 4500 Cl ⁻ B	250	1000	6.8
11	Total Iron (as Fe), mg/l, Max.	APHA 23 rd Edition, 3500 Fe B	0.3	No Relaxation	0.09
12	Fluoride (as F), mg/l, Max.	APHA 23 rd Edition, 4500 F ⁻ D	1.0	1.5	<0.5
13	Sulphate (as SO ₄) mg/l, Max	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E	200	400	<5.0
14	Nitrate (as NO ₃) mg/l, Max	APHA 23 rd Edition, 4500 NO ₃ ⁻ E	45	No Relaxation	< 0.5
15	Arsenic (as As) mg/l, Max	APHA 23 rd Edition, 3500 As-B	0.01	0.05	<0.01
16	(**)Total Coliform Count, MPN/100ml	IS: 1622-1981	Absent	Absent	Absent

• IS 10500:2012, RA: 2018: Norms for drinking water.

• (**): Not under NABL Scope.

• Remarks : : The above parameters is conforming the specification IS:10500 for human consumption.

-----End of the Report-----

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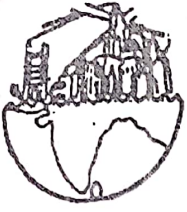
A. Neogi

A. Neogi

C. E. O. & Technical Manager

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TC-5850

Test Report

Report No. G/23/N/121

Date of Reporting: 04.01.2024

Report of Testing:

Monitoring Noise Levels

Name of the Company & Address:

North Bengal Oncology Centre Pvt. Ltd.
Medica Cancer Hospital
Vill : PO: Rangapani,
District: Darjeeling, Pin: 734434, W.B.

Date of Sampling:

27.12.2023

Sampling Done By :

Our Representative (Mr. T. Ghosh)

Results of Noise Level Monitoring

Sl. No.	Location	Distance from the Source (M)	Results dB(A) LEQ
01.	Near D.G Set (Running Condition)	2.0	81
02.	Patient Waiting Hall	-	70
03.	Reception and Billing area	-	66
04.	Radiation (OPD)	-	62
05.	In front of Main Building	-	29
06.	Near MGPS Room	-	77
07.	Canteen Area	-	52

* Permissible Limits as prescribed by Central Pollution Control Board under Environment Protection Rules, 1989: For Ambient Noise: 75 dB(A).

Permissible Limits for Occupational Noise Exposure: **85.0 dB (A) for 8 Hrs. Exposure.** (OSHA, Part No. 1910; Standard No. 1910.95 for Occupational Noise Exposure).

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-----End of the Report-----

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For Bharat Foundation

A. K. Ghosh

A. K. Ghosh

C. E. O. & Technical Manager

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TC-5850

Test Report

Report No. G/24/N/003

Date of Reporting: 18.01.2024

Report of Testing: Monitoring Noise Levels

Name of the Company & Address: M/s. Medica North Bengal Clinic,
Meghnath Saha Sarani, Pradhannagar,
Siliguri, Pin – 734 003

Date of Sampling: 12.01.2024

Sampling Done By : Our Representative (Mr. T. Ghosh)

Results of Noise Level Monitoring

Sl. No.	Location	Distance from the Source (M)	Results dB(A) LEQ
01.	Near D.G Set (Running Condition)	2.0	83.7
02.	Near Parking Area (Front Side)	-	69.7
03.	Near Reception	2.0	68.0
04.	Ground Floor	-	66.2
05.	First Floor	-	68.8
06.	Patient Waiting Room	-	63.5
07.	Near OPD Centre	-	59.2
08.	Near ICU and OT	-	58.8

* Permissible Limits as prescribed by Central Pollution Control Board under Environment Protection Rules, 1989: For Ambient Noise: 75 dB(A).

Permissible Limits for Occupational Noise Exposure: **85.0 dB (A) for 8 Hrs. Exposure.**
(OSHA, Part No. 1910; Standard No. 1910.95 for Occupational Noise Exposure).

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-----End of the Report-----

Authorised Signatory

For Bharat Foundation

Anuraj

A. Ghosh