

O/C

June 21, 2023

To,

Senior Environmental Engineer — WMC- 1
Delhi Pollution Control Committee 4th Floor,
ISBT Main Building Kashmiri Gate, Delhi - 110006.

22/06/2023
(ENQUIRY COUNTER)
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

Subject: BMW Annual Report.

Dear Sir,

We are enclosing herewith Annual Report in Form-IV pertaining to generation and disposal of Bio-Medical Waste at our hospital, Max Super Speciality Hospital, 1, Press Enclave Road, Saket, New Delhi-110017 for the period from 01.01.2022 to 31.12.2022.

We are also enclosing herewith original Yearly Collection Report for the year 2022 issued by Ms. Biotic Waste Solutions Pvt Ltd.

Thanking you

Yours faithfully

Pranav Shankar
For Max Super Speciality Hospital
21/5/23

Dr. Pranav Shankar
Medical Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017

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 (CBMWTF)]

S.No.	Particulars		
1	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or : operator of facility)	:	Dr. Pranav Shankar
	(ii) Name of HCF or CBMWTF	:	Max Super Specialty Hospital
	(iii) Address for Correspondence	:	1, Press Enclave Road , Saket
	(iv) Address of Facility	:	1, Press Enclave Road , Saket
	(v) Tel. No, Fax. No	:	011- 40633049
	(vi) E-mail ID	:	pranav.shankar@maxhealthcare.com
	(vii) URL of Website	:	www.maxhealthcare.com
	(viii) GPS coordinates of HCF or CBMWTF	:	28.527747 & 77.211.319
	(ix) Ownership of HCF or CBMWTF	:	Private Hospital
	(x). Status of Authorization under the Bio- Medical Waste (Management and Handling) Rules	:	DPCC/(11)(5)(01)/2019/BMW/NST/AUTH/2683570 Valid up to 23/09/2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to 07/08/2023
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No.of Beds :- 201
	(ii) Non-bedded hospital Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NIL
	(iii) License number and its date of expiry	:	DGHS/NH/ 716 and valid up to 31/03/2026
3	Details of CBMWTF	:	
	(i) Number of health care facilities covered by CBMWTF	:	Not Applicable
	(ii) No. of Beds covered by CBMWTF	:	Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	Not Applicable
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	Not Applicable
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	<p><i>Yellow Category: 2947 kg per month,</i></p> <p><i>Red Category: 5652 kg per month</i></p> <p><i>White: 168 kg per month</i></p> <p><i>Blue Category: 1118 kg per month</i></p> <p><i>General Solid Waste:9278 kg per month</i></p>
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility		
	(i) Details of the on-site storage	:	Size: 110.5sqft

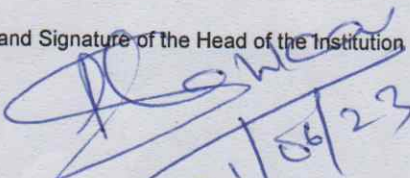
	Facility		Capacity: 905 ctt			
			Provision of on-site storage : (Cold storage or any other provision)			
	(ii) Disposal facilities		Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated or disposed in kg per annum
			Incinerators	NA		
			Plasma Pyrolysis	NA		
			Autoclaves	NA		
			Microwave	NA		
			Hydroclave	NA		
			Shredder	NA		
			Needle tip cutter or Destroyer	NA		
			Sharps	NA		
			Encapsulation or concrete Pit	NA		
			Deep burial Pits	NA		
			Chemical disinfection:	NA		
			Any other treatment equipment:	NA		
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	:	Red Category (like plastic, glass, etc.)			
			NIL			
	(iv) No. of Vehicles used for collection and transportation of biomedical waste	:	1			
	(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	NA		
			Ash	NA		
			ETP Sludge	255 kg	Biotic	
	(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of		Biotic Waste Solution Pvt.Ltd.			
	(vii) List of member HCF not handed over bio-medical waste.		Not Applicable			
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Yes (MOM Attached)			
7	Details trainings conducted on BMW					
	(i) Number of trainings conducted on BMW Management		220			
	(ii) Number of personnel trained		2710			

	(iii) Number of personnel trained at the time of induction		449
	(iv) Number of personnel not undergone any training so far		NIL
	(v) Whether standard manual for training is available?		Yes
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		NIL
	(ii) Number of persons affected		NIL
	(iii) Remedial Action taken (Please attach details if any)		NIL
	(iv) Any Fatality occurred, details		NIL
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		NA We have no incinerator
	Details of Continuous online mission 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?		STP has been provided All parameters within limit.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		NIL
12	Any other relevant information		NA

Certified that the above report is for the period from 1st January-2022 to 31st December-2022

Date: 21/6/23
Place: Delhi

Name and Signature of the Head of the Institution


21/06/23
Dr. Pranav Shankar
Medical Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017

ANNUAL REPORT 2022.

NAME:-Max Super Speciality Hospital (West Block)

Address:-1 Press Enclave Road, Saket, New Delhi-110017

ID No-2149

Months	Incinerable (Yellow) (Kgs)	Autoclavable (Red) (Kgs)	White Sharp(Kgs)	Blue (Kgs)
Jan-22	1880.19	3435.9	66.4	668.1
Feb-22	1564.8	3213.51	65.7	676.93
March-22	1050	2054.5	45.9	366.2
April-22	1808.4	3469.9	88.2	765.3
May-22	1848.8	3506.4	88.1	740.8
June-22	2544.35	4536.74	178.23	1020.16
July-22	3178.69	5886.16	163.7	1240.68
Aug-22	3087.95	5778.63	123.56	1124.14
Sep-22	3163.39	5877.09	226.33	1145.95
OCT-22	2546.23	4932.28	133.26	919.06
NOV-22	2916.6	5638.81	202.97	1303.11
DEC-22	3137.4	5945.24	237.98	1262.03





Minutes of Meeting
Biomedical Waste Management

Date : 24th May'2022
Chaired by : Dr Bansidhar Tarai
Present : Dr. Devesh Tiwari, Ms Seema ,Ms. Jinci, Col. Aarti, Dr. Poornima Sen, Devesh Garg, Shalini Sharma

S No:	Agenda Point	Responsibility	Status
1.	<i>BMW checking at site for proper segregation</i>	Seema /ICN	On going
2.	<i>Monitoring of Waste disposal timings</i>	Tarin, Seema /ICN	On going

Pranav Shankar
21/05/22

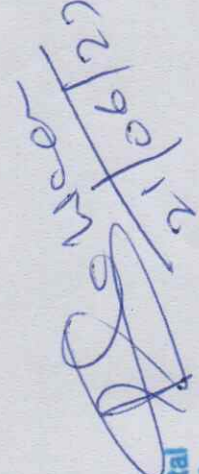
Dr. Pranav Shankar
Medical Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017



Minutes of Meeting
Biomedical Waste Management

Date : 18th Nov'2022
Chaired by : Dr Bansidhar Tarai
Present : Dr. Devesh Tiwari, Mr. Tarin . Ms Seema ,Ms. Jinci,Col. Aarti, Dr. Poornima Sen, Devesh Garg, Shalini Sharma

S No:	Agenda Point	Responsibility	Status
1.	Training on COVID -19 Waste handling	ICN / HK/Floor Managers	On going
2.	BMW poster as per new guidelines presented to the committee and approved after recommendation. <i>Mr Tarin, Ms Seema and Dr Devesh will Coordinate with marketing team and finalise the poster.</i>	Printed and received by Hospital and Displayed in all the areas	Done
3.	<i>BMW checking at site for proper segregation</i>	Tarin, Seema /ICN	On going
4.	<i>Monitoring of Covid -19 Waste disposal as per Guidelines</i>	Tarin, Seema /ICN	On going


21/06/22

Dr. Pranav Shankar
Medical Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017

DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi)

4th & 5th Floor, ISBT Building Kashmere Gate, Delhi 110006

visit us at: <https://dpccocmms.nic.in>



(AUTHORIZATION UNDER BIO MEDICAL WASTE MANAGEMENT RULES, 2016)

File number of authorization : DPCC/(11)(5)(01)/2019/BMW/NST/AUTH/2683570

Application No: 1577235

Date:23/11/2019

1. M/s Max Super Speciality Hospital an occupier of the facility located at 1, Press Enclave Road, Saket, 110017 is hereby granted this authorization for Generation, Segregation, Collection, Storage, of Biomedical Waste at the premises and for Transportation, Treatment and Disposal of Bio-Medical Waste through Common Bio-Medical Waste Treatment Facility (CBMWTF) authorized by Delhi Pollution Control Committee.
2. Number of beds of HCF : 211
3. Quantity of Biomedical waste handled : 474 (Kg/day)
4. This authorization shall be in force for a period of Five Years and valid up to 23/08/2024.
5. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

AJEETA
DAYAL
AGRAWAL
Signature.....
Designation

Digitally signed
by AJEETA DAYAL
AGRAWAL
Date: 2019.11.23
14:40:14 +05'30'

--:Terms and Conditions--:

1. The occupier shall comply with the provisions of Bio-Medical Waste Management Rules, 2016 as amended to date.
2. The authorization or its renewal shall be produced for inspection at the request of any officer authorized by DPCC.
3. The occupier shall ensure that bio-medical waste is not mixed with other wastes and is segregated into containers / bags at the point of generation in accordance with Schedule-I (part I).
4. The occupier shall have a valid agreement with the operator of a facility authorized by DPCC for collection, transportation, treatment & disposal of the bio-medical waste.
5. The Occupier shall hand over the bio-medical waste timely to the authorized operator of a facility duly segregated, labelled, tagged and kept in proper containers for the collection, transportation, treatment & disposal as per Rules.
6. The occupier shall inform the prescribed authority immediately in case the operator of facility does not collect the bio medical waste within the intended time or as per the agreed time.
7. The occupier shall maintain records of the Bio-Medical Waste generated and disposed of/ handed over. The record shall be made available, for inspection & verification, to any officer authorized by DPCC.
8. In case of any major accident involving Bio-Medical Waste, the occupier shall report the accident in Form-I. prescribed under the Rules, to DPCC.
9. In case the Occupier is having a DG Set, he shall comply with the noise standards laid down vide Gazette

Notification of Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India dated 17.05.2002 and 12.07.2004, as amended to date, for the Diesel Generator Set(s). Stack height with the DG Set shall be as per the following formula, H is equal to h plus $(0.2 \times \text{square root of KVA})$ where 'H' is total Height of stack in meter, 'h' is Height of the building in meters where the Generator Set is installed and KVA is capacity of the D.G. set in KVA).

10. The Occupier shall also ensure proper collection and disposal of bio-medical waste containing mercury through the vendor authorize for the purpose. The occupier shall phase out mercury based equipment e.g. thermometers and B.P. Measuring Equipment.

11. The Occupier shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDS Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal.

12. The Occupier is required to display the authorization at a prominent place in its premises for view of public.

13. If the Occupier is having laundry facility and/or not connected to the public sewer, the Occupier is required to install requisite treatment system before its discharge to meet the standards as prescribed under BMWM Rules, 2016.

14. The Occupier shall use only non-chlorinated plastic bags & gloves as per Notification dated 16 th March, 2018 published by MOEF&CC.

15. The Occupier shall establish a Bar-Code System for bags or containers containing bio-medical waste to be used out of the premises for the further treatment & disposal in accordance with the guidelines issued by MoEF&CC.

16. The Occupier shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to discharge.

17. The liquid chemical waste shall not be mixed with other generated effluent from HCF.

18. The Occupier shall ensure treatment and disposal of the entire effluent/liquid waste generated from the HCF in accordance with the provisions under the Water (Prevention and Control of Pollution) Act, 1974 and shall meet the standards prescribed by Delhi Pollution Control Committee. The Occupier shall also ensure the maximum re-use of the treated effluent for various purposes e.g. gardening, flushing, cooling etc.

19. The Occupier shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis-B & Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunization Policy or the guidelines of the Ministry of Health & Family Welfare issued from time to time.

20. The Occupier shall ensure occupational safety of all its health care workers & others involved in handling of bio-medical waste by providing appropriate & adequate personal protective equipment.

21. The Occupier shall conduct health check-up at the time of induction & at least once in a year for all its health care workers others involved in handling of bio-medical waste & shall maintain records for the same.

22. The Occupier shall develop its own website by 15 th March, 2020 and shall make available the annual report on its website.

23. The Occupier shall provide training to all its health care workers and others, involved in handling of bio-medical waste at the time of induction & thereafter at regular intervals & the details of training programmes conducted, number of personnel trained & number of personnel not undergone any training shall be provided in the Annual Report.

24. The Occupier shall submit the Annual Report in Form-IV by 30th June every year, including information about the categories and quantities of bio-medical waste generated from 1st January to 31st December of the preceding year.

25. The Occupier shall use only Piped Natural Gas (PNG) as fuel in boilers, if any.

26. The Occupier shall submit the copy of fresh valid agreement with CBWTF to this office within 15 days

of expiry of previous agreement or in case of any change.

26. Submission of false information shall make the authorization liable for cancellation without any notice.

27. The occupier shall apply for renewal of authorization under the aforementioned Rules before one month of the expiry of this authorization.

28. The Occupier shall apply for fresh Authorization in case of any change in the activity/number of beds etc.

29. In case of violation of any of above said conditions, penal action will be initiated against the Occupier including withdrawal of authorization/consent etc.

30. In case of failure to comply with any of the above conditions and / or with any provision of the Act or of these Rules, authorization issued to the Occupier may be suspended or cancelled as per the provisions under sub-rule 10 (2) of Bio-Medical Waste Management Rules, 2016, as amended to date.

To,

Max Super Speciality Hospital
1, Press Enclave Road, Saket,
110017



June 21, 2023,

Senior Environmental Engineer — WMC- 1
Delhi Pollution Control Committee 4th Floor,
ISBT Main Building Kashmiri Gate, Delhi - 110006.

Subject: Accident Report.

Dear Sir,

We are enclosing herewith Accident Report in Form-1 pertaining to generation and disposal of Bio-Medical Waste at our hospital, Max Super Speciality Hospital, 1, Press Enclave Road, Saket, New Delhi-110017 for the period from 01.01.2022 to 31.12.2022.

Thanking You

Yours faithfully


For Max Super Speciality Hospital

Dr. Pranav Shankar
Medical Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017

FORM-I

[See rule 4(o),S(i) and 15(2)]

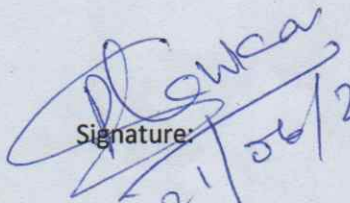
ACCIDENT REPORTING

- | | | |
|----|--|-------|
| 1 | Date and time of accident - | : NIL |
| 2 | Type of Accident - | : NIL |
| 3 | Sequence of events leading to accident | : NIL |
| 4 | Has the Authority of been informed immediately | : NIL |
| 5 | The type of waste involved in accident | : NIL |
| 6 | Assessment of the effects of the accidents on Human health and the environment | : NIL |
| 7 | Emergency measures taken | : NIL |
| 8 | Step taken to alleviate the effects of accidents | : NIL |
| 9 | Step taken to prevent the recurrence of such | : NIL |
| 10 | Does your facility has Emergency Control policy? - | YES |

If yes,give details

Date: 21/6/23

Place: Delhi

Signature: 
21/06/23

Dr. Pranav Shankar
Superintendent
Max Super Specialty Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017