

June 29, 2022

To,
Senior Environmental Engineer – WMC-1

Delhi Pollution Control Committee
4th Floor, ISBT Main Building
Kashmere Gate, Delhi - 110006.

Subject: BMW Annual Report.

430/001/2022
(ENQUIRY COUNTER)
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

Dear Sirs,

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 01.01.2021 to 31.12.2021.

We are also enclosing herewith original Yearly Collection Report for the year 2021 issued by Ms. Biotic Waste Solutions Pvt Ltd.

Thanking you


Yours faithfully
For Max Super Speciality Hospital



Encl. : as above

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)]

SNo.	Particulars																																					
1.	Particulars of the Occuoier																																					
	(i) Name of the authorised person (occupier or operator of facility)	Dr. Pranav Shankar																																				
	(ii) Name of HCF or CBMWTF	Max Super Speciality 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& 77.211319																																				
	(ix) Ownership of HCF or CBMWTF	Private Hospital																																				
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No. DPCC/(11)(5)(01)/2019/BMW/NST/AUTH/2683 570, Valid upto 13/08 / 2024.																																				
	(xi) Status of Consents under Water Act and Air Act	Valid up to 7-8-2023																																				
2.	Type of Health Care Facility																																					
	(i) Bedded Hosotal	No. of Beds – 211																																				
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	Nil																																				
	(iii) License number and its date of expirv	DGHS / NH / 716 and upto 31 /3/ 2023																																				
3.	Details of CBMWTF																																					
	(i) Number healthcare facilities covered by CBMWTF	Not Applicable																																				
	(ii) No of beds covered by CBMWTF	Not Applicable																																				
	(iii) Installed treatment and disposal capacity ofCBMWTF	Not Applicable																																				
	(iv) Quantity of biomedial waste treated or disposed by CBMWTF	Not Applicable																																				
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category : 3022 Kg per month Covid Yellow Waste : 231 Kg per month Red Category: 5298 Kg per month Covid Red Waste :116 Kg per month White:159 Kg per month Covid White Waste:05 Kg per month Blue Category : 1005 Kg per month) Covid Blue Waste : 45 Kg per month General Solid waste:8648 Kg per month																																				
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility																																					
	(i) Details of the on-site storage facility	Size: 110.5sqft Capacity:905 cft Provision of on-site storage : (cold storage or any other provision)																																				
	(ii) Details of the treatment or disposal facilities	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th><th>No of units</th><th>Capaci ty Kg/day</th><th>Quantity treated or disposed in kg per annum</th></tr> </thead> <tbody> <tr> <td>Incinerators</td><td>NA</td><td></td><td></td></tr> <tr> <td>Plasma Pyrolysis</td><td>NA</td><td></td><td></td></tr> <tr> <td>Autoclaves</td><td>1</td><td>180Lit</td><td>25099Kg</td></tr> <tr> <td>Microwave</td><td>NA</td><td></td><td></td></tr> <tr> <td>Hydroclave</td><td>NA</td><td></td><td></td></tr> <tr> <td>Shredder</td><td>NA</td><td></td><td></td></tr> <tr> <td>Needle tip cutter or destroyer</td><td>NA</td><td></td><td></td></tr> <tr> <td>Sharps</td><td>NA</td><td></td><td></td></tr> </tbody> </table>	Type of treatment equipment	No of units	Capaci ty Kg/day	Quantity treated or disposed in kg per annum	Incinerators	NA			Plasma Pyrolysis	NA			Autoclaves	1	180Lit	25099Kg	Microwave	NA			Hydroclave	NA			Shredder	NA			Needle tip cutter or destroyer	NA			Sharps	NA		
Type of treatment equipment	No of units	Capaci ty Kg/day	Quantity treated or disposed in kg per annum																																			
Incinerators	NA																																					
Plasma Pyrolysis	NA																																					
Autoclaves	1	180Lit	25099Kg																																			
Microwave	NA																																					
Hydroclave	NA																																					
Shredder	NA																																					
Needle tip cutter or destroyer	NA																																					
Sharps	NA																																					

		Encapsulation or concrete pit			
		Deep burial pits:	NA		
		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.) 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	110 Kg	Biotic	
	(vi) Name of the Common BioMedical 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.(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	442			
	(iv) Number of personnel not undergone any training so far	Nil			
	(v) Whether standard manual for training is available?	Yes			
	(vi) Any other information	Nil			
8.	Details of the accident occurred during the year				
	(i) Number of Accidents occurred	Nil			
	(ii) Number of the 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?	N.A We have no incinerator			
10.	Details of Continuous online emission monitoring systems installed	NA			
11.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	ETP has been provided. All parameters within the limit			
12.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Nil			
13.	Any other relevant information.	NA			

Certified that the above report is for the period from 01.01.2021 to 31.12.2021

Date:

Place:

29/06/22

Name and Signature of the Head of the Institution






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 13/08/2024.
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
Digitally signed
by AJEETA DAYAL
AGRAWAL
Date: 2019.11.23
14:40:14 +05'30'
Signature.....
Designation

-:-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

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 D.G. 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. sphygmometers 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 the 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 at 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 disposal.

17. The Occupier shall ensure that liquid chemical waste is not 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 ensure that 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

Minutes of Meeting
Biomedical Waste Management

Date : 9th May'2021
Chaired by : Dr Bansidhar Tarai
Present :.Ms. Seema, Mr. Devendra, Ms. Geetarani, Col. Aarti, Dr. Purnima Sen, Sumanta, Ritu Nadeem

S No:	Agenda Point	Responsibility	Status
1.	Training on COVID -19 Waste handling	ICN / HK/Floor Managers	On going
2.	Training on Donning and Doffing for HK staff	ICN/HK/	On going
3.	Covid Waste proper segregation / Packing /Tagging and transportation to central storage area	Devendra/ Seema/ICN	On going
4.	Monitoring of Covid -19 Waste disposal as per Guidelines	Seema/ Devendra, ICN	On going

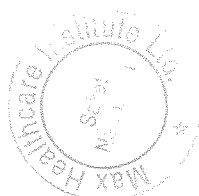
ANNUAL REPORT 2021.

NAME:- Max Super Speciality Hospital (West Block)

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

ID No-2149

MONTH	Yellow KG	Covid – 19 KG	Red KG	Covid – 19 KG	Blue KG	Covid – KG 19	White sharp KG	White sharp- COVID- 19 KG	Total KG
	weight	weight	weight	weight	weight	weight	weight	weight	weight
Jan-21	2960	36	5404	0	1131	0	183	0	9714
Feb-21	2973	5	5184	0	1078	0	209	0	9449
Mar-21	3309	0	5741	0	1088	0	198	0	10336
Apr-21	2939	938	5060	566	943	194	153	26	10820
May-21	2884	1522	4123	734	734	307	111	36	10451
Jun-21	2884	156	4919	51	932	18	127	1	9088
Jul-21	3183	43	5411	9	1117	1	152	0	9915
Aug-21	3092	8	5498	3	945	0	158	0	9705
Sep-21	3100	0	5503	0	963	0	202	0	9767
Oct-21	3110	0	5727	0	1034	0	127	0	9998
Nov-21	2827	0	5433	0	1012	0	146	0	9418
Dec-21	3002	64	5568	24	1077	19	148	0	9902
Avg	3022	231	5298	116	1005	45	159	5	9880



June 29 ,2022

To,

Senior Environmental Engineer – WMC-1
Delhi Pollution Control Committee 4th Floor,
ISBT Main Building Kashmere Gate, Delhi – 110006

Subject : Accident Report

Dear Sirs,

We are enclosing herewith Accident Report in Form-I pertaining to generation and Disposal of Bio-Medical Waste at our hospital, Max Super Specialty Hospital 1, Press Enclave Road, Saket and New Delhi - 110017 for the period from 01.01.2021 to 31.12.2021.

Thanking you

Yours faithfully

For Max Super Specialty Hospital

**Max Super Specialty Hospital, Saket
(West Block)**
1, Press Enclave Road, Saket, New Delhi - 110 017
For medical service queries or appointments,
call: +91-11 6611 5050
www.maxhealthcare.in

Max Healthcare Institute Limited
Regd. Office: 401, 4th Floor, Man Excellenza, S. V. Road,
Vile Parle (West), Mumbai, Maharashtra - 400 056
T: +91-22 2610 0461/62
E: secretarial@maxhealthcare.com
(CIN: L72200MH2001PLC322854)

Minutes of Meeting
Biomedical Waste Management

Date : 9th Nov'2021
Chaired by : Dr Bansidhar Tarai
Present :.Ms. Seema, Mr. Devendra, Ms. Geetarani, Col. Aarti, Dr. Purima Sen, Sumanta, Ritu Nadeem

S No:	Agenda Point	Responsibility	Status
1.	Cleaning and disinfection of the area on regular basis.	ICN / HK/Floor Managers	On going
2.	Monitoring of cleaning and setup of Donning and Doffing.	ICN/HK/	On going
3.	Covid Waste proper segregation / Packing /Tagging and transportation to central storage area	Devendra/ Seema/ICN	On going
4.	Monitoring of sanitization of all the lifts.	Seema/ Devendra,/ICN	On going

FORM-I

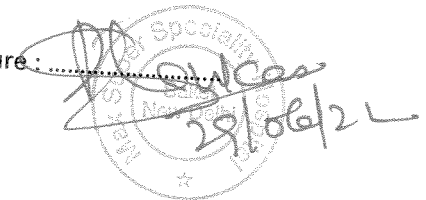
[See rule 4(o),S(i) and 15(2)]

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 you facility has Emergency Control policy? - YES
- If yes,give details

Date:

Signature :



Place:

Designation :