

May 16, 2020

MSSH/WB/209

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

26/05/2020

(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 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 (a unit of Max Healthcare Institute Ltd), 1, Press Enclave Road, Saket, New Delhi-110017 for the period from 01.01.2019 to 31.12.2019.

We are also enclosing herewith original Yearly Collection Report for the year 2019 issued by Ms. Biotic Waste Solutions Pvt Ltd.

Thanking you

[Signature]
Anrita Gupta
Superintendent
Speciality Hospital
Enclave Road, Saket
Delhi-110 017

Yours faithfully

For Max Super Speciality Hospital

[Signature]
Anrita Gupta
Superintendent
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
New Delhi-110 017
Encl. : as above

Max Super Speciality Hospital, Saket (West Block)

1, Press Enclave Road, Saket, New Delhi - 110 017

For patient related queries or appointment, call: +91-11-6611 5050

Max Healthcare Institute Limited

(CIN: U72200MH2001PLC322854)

Regd. Office: 167, Floor 1, Plot-167A, Ready Money Mansion, Dr. Annie Besant Road, Worli, Mumbai-400 018

Phone: +91- 22-6660 4447/48/49, E-mail: secretarial@maxhealthcare.com

www.maxhealthcare.in



M-0073



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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)]

S No.	Particulars																																													
1.	Particulars of the Occupier	:																																												
	(i) Name of the authorised person (occupier or operator of facility)	: Dr Amrita Gupta																																												
	(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	: 01140633049																																												
	(vi) E-mail ID	: Amrita.Gupta@maxhealthcare.com																																												
	(vii) URL of Website	: www.maxhealthcare.com																																												
	(viii) GPS coordinates of HCF or CBMWTF	: Nil																																												
	(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 Hospital	: 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 expiry	: DGHS / NH / 716 and upto 31 / 3 / 2020																																												
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 of CBMWTF	: Not Applicable																																												
	(iv) Quantity of biomedical 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 : 2917 Red Category : 5270 White: 308 Blue Category : 959 General Solid waste:8302																																												
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility	:																																												
	(i) Details of the on-site storage facility	: Size : Capacity : 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>Capacity Kg/ day</th><th>Quantity treated or disposed in kg per annum</th></tr> </thead> <tbody> <tr> <td>Incinerators</td><td></td><td></td><td></td></tr> <tr> <td>Plasma Pyrolysis</td><td></td><td></td><td></td></tr> <tr> <td>Autoclaves</td><td>2</td><td>60 Lit & 180 Lit</td><td>18030 kg</td></tr> <tr> <td>Microwave</td><td></td><td></td><td></td></tr> <tr> <td>Hydroclave</td><td></td><td></td><td></td></tr> <tr> <td>Shredder</td><td></td><td></td><td></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></td><td></td><td></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> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves	2	60 Lit & 180 Lit	18030 kg	Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit				Deep burial pits:				Chemical disinfection			
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		Any other treatment equipment			
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	(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	N A		
		Ash	N A		
		ETP Sludge	N A		
	(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.	:	230		
	(ii) Number of personnel trained	:	2770		
	(iii) Number of personnel trained at the time of induction	:	130 (Monthly Avg)		
	(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.	:			
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	:			
11.	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 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.	:	(Air Pollution Control Devices attached with the Incinerator)		

Certified that the above report is for the period from 01.01.2019 to 31.12.2019.

Date:
Place :

18/05/2020
N Delhi

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

Name and Signature of the Head of the Institution

NAME:- Max Super Speciality Hospital (West Block)

Address:- 1 PRESS ENCLAVE ROAD,SAKET, NEW DELHI-110017

Month	Bio Medical waste											
	West Block											
	Red Autoclave (Infected Plastic Waste)		Yellow- Incineration (Anatomical Waste & Soiled Waste)		Blue Autoclave (Glass- Bottles)		Black Cytotoxic- Incineration (Cytotoxic Contaminated Items)		White- Sharp		Total Bags	Total Weight (In KG's)
	No. of Bags	Weight (in KG's)	No. of Bags	Weight (in KG's)	No. of Bags	Weight (in KG's)	No. of Bags	Weight (in KG's)	No. of Bags	Weight in KG's		
Jan-19	360	5049.6	294	3171.9	136	1158.31	0	0.00	196	250.58	986	9630.39
Feb-19	378	4204.22	290	2654.31	126	990.83	0	0.00	287	244.83	1081	8094.19
Mar-19	479	4618.02	359	3030.52	162	1018.03	0	0.00	281	288.89	1281	8955.46
Apr-19	430	5394.52	326	2737.78	165	892.32	0	0.00	206	243.00	1127	9267.62
May-19	475	4465.00	424	3011.00	192	710.00	0	0.00	316	294.00	1407	8480.00
Jun-19	582	5339.00	382	2681.00	148	1098.00	0	0.00	393	307.00	1505	9425.00
Jul-19	646	5326.00	315	2862.00	136	929.00	0	0.00	489	344.00	1586	9461.00
Aug-19	612	5677.00	338	2878.00	170	857.00	0	0.00	469	360.00	1589	9772.00
Sep-19	474	5602.00	243	2665.00	99	1004.00	0	0.00	252	352.00	1068	9623.00
Oct-19	534	6249.24	297	3300.39	131	1000.43	0	0.00	114	444.37	1076	10994.43
Nov-19	410	5610.56	247	3026.23	78	858.00	0	0.00	118	249.48	853	9744.27
Dec-19	466	5702.88	269	2984.78	85	987.26	0	0.00	162	313.01	982	9987.93
YTD	5846	63238.04	3784	35002.91	1628	11503.18	0	0	3283	3691.16	14541	113435.3



MINUTES OF MEETING
BIOMEDICAL WASTE MANAGEMENT

Date : 15.05.2019

Chaired by : Dr .Bansidhar Tarai

Members of committee : Ms. Chandra Prabha, Ms. Seema Vishwanath, Dr. Neha, Geeta Rani, Sumantha

Present members: Ms. Chandra Prabha, Ms. Seema Vishwanath, Dr. Neha, Geeta Rani, Sumantha

S No:	Agenda Point	Responsibility	Status
1.	BMW dustbins to be washed after disposable of garbage.	Housekeeping Team	Done & Ongoing
2.	<i>Needle stick injury data presented to the members</i>	ICN	Done
3.	Hand hygiene activity done on floors.	ICN, Housekeeping Team	Done
4.	Check BMW segregation in economy rooms and nursing rooms	ICN, Devendra, Dr. Devesh	Done
5.	Training for Bio medical waste and spill management for new staff and give Hindi handout for better understanding .	Housekeeping Team	Done

**MINUTES OF MEETING
BIOMEDICAL WASTE MANAGEMENT**

Date : 20.09. 2019

Chaired by : Dr .Bansidhar Tarai

Members of committee: Dr. Bansidhar, Chandrababha, Dr. Neha Sobti, Seema, Dr. Poornima Sen, Jinci, Sumanta

Present members : Dr. Bansidhar, Chandrababha, Dr. Neha Sobti, Seema, Dr. Poornima Sen, Jinci, Sumanta

S No:	Agenda Point	Responsibility	Status
1.	BMW mixing to be monitored.	ICN/ Floor Managers/ HK	Ongoing
2.	<i>Weight of Red waste increasing, process needs to be reviewed and identify the reason of weight increase</i>	ICN /HK	Not started yet
3.	Training on BMW handling to be given by ICN's to HK/GDA staff	ICN	To be started
4.	MSDS to be kept ready with spill kit for the chemical used in spill management	Devendra, Devesh	Started
5.	Identification of correct gown to be used in spill management	ICN/Med.Quality/HK	Done



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 with in 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 general 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 BMW 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 sent out of the premises for the further treatment & disposal in accordance with the guidelines issued by CPCB.

16. The Occupier shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other generated effluent from HCF.

17. 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.

18. 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.

19. 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.

20. 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.

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

22. 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.

23. 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.

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

25. 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.

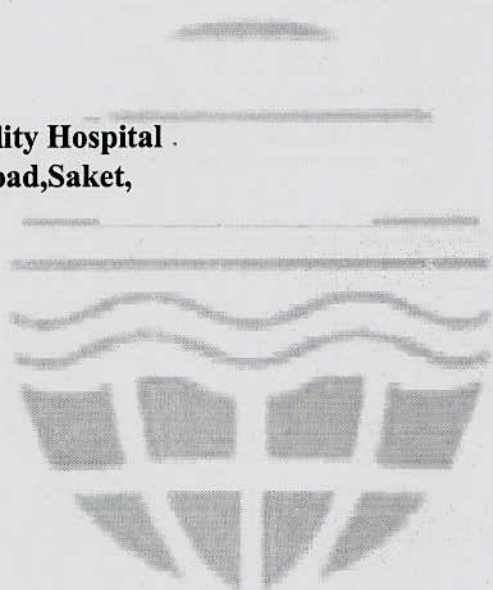
30. In case of failure to comply with any of the above conditions and / or with any provision of the Act or of these Rules, authorization issued to the Occupier may be suspended or cancelled as per the provisions under sub-rule 10 (2) of Bio-Medical Waste Management Rules, 2016, as amended to date.

To,

Max Super Speciality Hospital .

1,Press Enclave Road,Saket,

110017



May 16, 2020

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 Speciality Hospital (a unit of Max Healthcare Institute Ltd.), 1 Press Enclave Road, Saket and New Delhi – 110017 for the period from 01.01.2019 to 31.12.2019.

Thanking you
Your faithfully
For Max Super Specialty Hospital
(A unit of Max Healthcare Institute Limited)

Dr. Anvita Gupta
Medical Superintendent
Max Super Speciality Hospital
1, Press Enclave Road, Saket
New Delhi-110 017

Max Super Speciality Hospital, Saket (West Block)

1, Press Enclave Road, Saket, New Delhi - 110 017

For patient related queries or appointment, call: +91-11-6611 5050

Max Healthcare Institute Limited

(CIN: U72200MH2001PLC322854)

Regd. Office: 167, Floor 1, Plot-167A, Ready Money Mansion, Dr. Annie Besant Road, Worli, Mumbai-400 018

Phone: +91- 22-6660 4447/48/49, E-mail: secretarial@maxhealthcare.com

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FORM - I

[See rule 4(o),5(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
An accident : NIL
10. Does you facility has Emergency Control policy?
If yes,give details : Yes

Date : 18/05/2020

Place : Noida

Dr. Amrita Gupta
Medical Superintendent
Signature :
Max Super Speciality Hospital
1-2, Press Enclave Road, Saket
Designation :
New Delhi-110 017