

MSSH/PPG/NB/859

May 10, 2019

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

MS
15/5/18
(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 Balaji Medical & Diagnostic Research Centre), NEW BUILDING, 108-A, Indraprastha Extension, Patparganj, Delhi-110092 for the period from 01.01.2018 to 31.12.2018.

We are also enclosing herewith original Yearly Collection Report for the year 2018 issued by CBMWTF, SMS Water Grace.

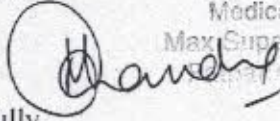
Thanking you

Dr. Mohita Chandra

Medical Superintendent

Max Super Speciality Hospital

Patparganj, Delhi - 110092



Yours faithfully

For Max Super Speciality Hospital

(a unit of Balaji Medical & Diagnostic Research Centre)

Encl: BMW annual report in Form-IV with Annexure

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)	:	MAX SUPER SPECIALITY HOSPITAL (a unit of Balaji Medical & Diagnostic Research Centre)	
	(ii) Name of HCF or CBMWTF	:	SMS Water Grace BMW Pvt. Ltd.	
	(iii) Address for Correspondence	:	108-A, Indraprastha Extension, Patparganj, Delhi-110092	
	(iv) Address of Facility	:	108-A, Indraprastha Extension, Patparganj, Delhi-110092	
	(v) Tel. No, Fax. No	:	011-43033333	
	(vi) E-mail ID	:		
	(vii) URL of Website	:		
	(viii) GPS coordinates of HCF or CBMWTF	:		
	(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)(187)/E-186/BMW-08/7769 Extension Valid up to: - 21-08-2019	
(xi) Status of Consents under Water Act and Air Act	:	Valid up to :- 04-12-2022		
2.	Type of Health Care Facility	:		
	(i) Bedded Hospital	:	No. of Beds: 255	
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:		
	(iii) License number and its date of expiry	:	675 / 31-03-2020	
3.	Details of CBMWTF	:		
	(i) Number healthcare facilities covered by CBMWTF	:	3562	
	(ii) No of beds covered by CBMWTF	:	31324	
	(iii) Installed treatment and disposal capacity of CBMWTF	:	28.8 TONNES per day	
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	12 TONNES Kg/day	
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: 35489 kg/annum Red Category: 67685 kg/annum White: 4077 kg/annum Blue Category: 18196 kg/annum General Solid waste: 16668 kg/annum	
	Details of the Storage, treatment, transportation, processing and Disposal Facility			
	(i) Details of the on-site storage facility	Size :	173.25 Sq.Ft.	
		Capacity:	1472.6 Kg/Day	
		Provision of on-site storage : (cold storage or any other provision)		
(ii) Details of the treatment or disposal facilities	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum
	Incinerators	2	250Kg/ Hr	1876 Ton
	Plasma Pyrolysis	NA	MA	MA
	Autoclaves	2	700 Kg/Hr	1856 Ton
	Microwave	NA	NA	NA
	Hydroclave	NA	NA	NA
	Shredder	3	550 Kg/Hr	1856 Ton
	Needle tip cutter or	NA	NA	NA

		destroyer		
		Sharps encapsulation or concrete pit	NA	NA
		Deep burial pits: Chemical disinfection	1	400 Kg/Hr
		Any other treatment equipment	NA	NA
(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	33 (Closed body vehicles as per BMW rule 2016)		
(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 BioMedical Waste Treatment Facility Operator through which wastes are disposed of	SMS WATER GRACE BMW 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	Yes Minutes of the Meeting held during the reporting period		
Details trainings conducted on BMW				
(i)	Number of trainings conducted on BMW Management.	24		
(ii)	Number of personnel trained	350		
(iii)	Number of personnel trained at the time of induction	24		
(iv)	Number of personnel not undergone any training so far	Nil		
(v)	Whether standard manual for training is available?	No		
(vi)	Any other information	NA		
Details of the accident occurred during the year				
(i)	Number of Accidents occurred	0		
(ii)	Number of the persons affected	0		
(iii)	Remedial Action taken (Please attach details if any)	0		
(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, Nil		
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?	Yes, Nil		
12.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes, Nil		
13.	Any other relevant information.	(Air Pollution Control Devices attached with the Incinerator)		

Certified that the above report is for the period from 01.01.2018 to 31.12.2018.

Signature

Name and Signature of the Head of the Institution

Date: 10-May-2019
Place: Patparganj, Delhi - 110092

Signature
Dr. Mohita Chandra
Medical Superintendent
Max Super Speciality Hospital
Patparganj Delhi - 110092

FORM-I

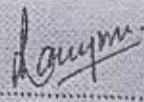
[(See rule 4(o), 5(i) and 15(2))]

ACCIDENT REPORTING - PPG-II

Year - 2018 (Jan - Dec)

1. Date and time of accident: NIL
2. Type of accident: NIL
3. Sequence of events leading to accident:
4. Has the authority been informed immediately:
5. The type of waste involved in accident
6. Assessment of the effects of the accident on human health and the environment: NIL
7. Emergency measures taken:
8. Step taken to alleviate the effect of accident:
9. Steps taken to prevent the reoccurrence of such an incident:
10. Does your facility has an emergency control policy? if yes give details

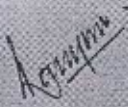
Date: 12-April-2019

Signature: 

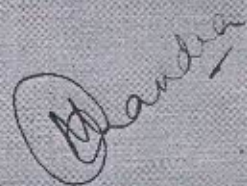
Place: Max Balaji medical & diagnostic Research Centre - PPG-II

Designation: Biomedical waste Nodal officer.

Auth. No. DPCC / (11) (5) (187) / E-186 / BMW-08 / 7769



Dr. Mohita Chandra
Medical Superintendent
Max Super Speciality Hospital
Paparajanj Delhi - 110092



MINUTES OF THE MEETING

Date: 27TH JUNE 2018

Venue: B1 TRAINING ROOM (Old Building)

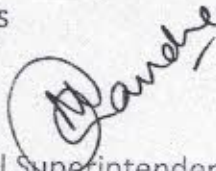
Topic: BIO MEDICAL WASTE MANAGEMENT COMMITTEE

Attended By:

- ❖ Dr. Mohita Chandra - Chairperson
- ❖ Dr. Arun Puri
- ❖ Dr. Y.P Singh
- ❖ Ms. Prasanna Kumari
- ❖ Dr. Reeta Rai
- ❖ Ms. Baisakhi Jain
- ❖ Ms. Princy Aggarwal
- ❖ Mr. Ravi yadav
- ❖ Ms. Uma Chauhan
- ❖ Mr. Ram Kishan
- ❖ Ms. Smitha Murali
- ❖ Ms. Jinsu Ann Cherian
- ❖ Mr. Deepumon V B

S.No.	DISCUSSION HELD	RESPONIBILITY	Remarks	Closure Status
1	Space needed for Big Autoclave for LAB at 3 rd floor new building	ENG/HK head	Area identified at terrace garden near lab	Closed
2	Members of BMW Committee to be reviewed and to be cut short	Dr. Mohita/ Dr. Ranjana/ Ms. Baisakhi Jain	A final list issued with revised committee members.	Closed

Regards



Medical Superintendent

(Dr. Mohita Chandra)



Dr. Mohita Chandra
Medical Superintendent
Max Super Speciality Hospital
Patparganj Delhi - 110092

MINUTES OF THE MEETING

Date: December 2018

Venue: 4th floor training room

Topic: BIO MEDICAL WASTE MANAGEMENT COMMITTEE

Attended By:

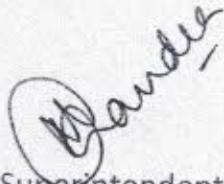
- ❖ Dr. Mohita Chandra - Chairperson
- ❖ Dr. Ranjana Chabra
- ❖ Dr. Suchitra Jain
- ❖ Dr. Chitrag Shah
- ❖ Ms. Baisakhi Jain
- ❖ Mr. Ravi yadav
- ❖ Ms. Priyanka Sachdeva
- ❖ Mr. Aravind Kumar Jha
- ❖ Ms. Elizabeth Santosh
- ❖ Ms. Smitha Murali
- ❖ Mr. Deepumon V B

S.No.	DISCUSSION HELD	RESPONIBILITY	Remarks	Closure Status
1	BMW bin sticker should be on bilingual , Make all the sticker in better quality, and any changes of sticker need approval from BMW Committee members	HK heads/ Commercial	All BMW stickers converted in Hindi and in English for all areas.	Closed
2	Any new or alternative cleaning agent to be used for Biomedical waste area like dirty utility or BMW central waste store area or chemical used for surface disinfection must have prior approval from BMW committee.	commercial	Commercial is now following the guideline and no deviation observed post discussion	Closed

3	Biomedical Autoclave machine for Blood Bags should have temperature display as per specified BMW rules 2016.	Commercial	A separate temperature display installed with the main unit of autoclave by Engineering department.	Closed
4	Introduction of new BMW posters to be done in A3 size	Commercial	New A3 size BMW posters procured and displayed at all BMW colored bins in dirty utility.	Closed
5	BMW handlers Vaccination status to be documented and to be validated	HK Head	All BMW handlers are vaccinated as per policy, Old staff have consent letters that they are vaccinated and they need not repeat vaccination.	Closed
6	BMW bins to be audited for repair work required like painting of pedestal metal frame.	HK Head	All identified faulty BMW bins (Small and large) repaired and painted.	Closed
7	Color of the stickers and lid cover of BMW bin to be in sync with main body color	HK Head/ Commercial	Stickers and lid cover color changed in sync with BMW bin main body	Closed
8	Quality of Heavy gloves of BMW handlers to be checked and replaced	HK Head	Better-quality heavy gloves provided to all BMW handlers.	Closed
9	Identification of location for new hub cutters to be decided and to be fixed	Commercial	200 Hub cutters procured and fixed at all identified locations in ICU and in wards area that include individual patient rooms	Closed
10	Blood bag autoclave process should be done under supervision of HK supervisors and problem if found to be escalated to HK Manager	HK head	Autoclaving is happening in presence of HK shift supervisors and any issue/ breakdown is getting escalated to HK manager in real time.	Closed
11	Dead foetus BMW disposal documentation to be done	Nursing Supervisor	Dead foetus forms are getting signed by MS or	

	properly filed and with signature of MS or DMS in case if MS is not available		by DMS in case if MS is not available.	Closed
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Regards



Medical Superintendent

(Dr. Mohita Chandra)



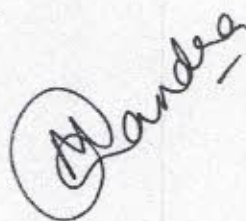
Dr. Mohita Chandra
Medical Superintendent
Max Super Speciality Hospital
Patparganj Delhi - 110092

Max Super specialty Hospital- Patparganj, Delhi

(A unit of Balaji Medial & diagnostic research Centre)

S. No.	Month	Date	PPG-2	
			Trainer Name	Training Attended by Staff
1	Jan-2018	7-Jan-18	Sanjeev	75
2		22-Jan-18	Majahar	80
3	Feb-2018	7-Feb-18	Majahar	70
4		22-Feb-18	Sanjeev	77
5	Mar-2018	7-Mar-18	Majahar	78
6		22-Mar-18	Dhanbeer	72
7	Apr-2018	7-Apr-18	Virender	74
8		22-Apr-18	Rajeev	78
9	May-2018	7-May-18	Majahar	70
10		22-May-18	Rajeev	76
11	Jun-2018	7-Jun-18	Sanjeev	74
12		22-Jun-18	Virender	75
13	Jul-2018	7-Jul-18	Ravi Yadav	65
14		22-Jul-18	Ravi Yadav	60
15	Aug-2018	7-Aug-18	Sanjeev	70
16		22-Aug-18	Sanjeev	65
17	Sep-2018	7-Sep-18	Rajeev	68
18		22-Sep-18	Sanjeev	75
19	Oct-2018	7-Oct-18	Rajeev	65
20		22-Oct-18	Shishpal	68
21	Nov-2018	7-Nov-18	Rajeev	70
22		22-Nov-18	Shishpal	64
23	Dec-2018	7-Dec-18	ICN Team	68
24		22-Dec-18	ICN Team	70

PPG-2 Year 2018 total person trained = 350

Dr. Mohita Chandra
Medical Superintendent
Max Super Speciality Hospital
Patparganj Delhi - 110092



Balaji Medical & Diagnostic Research Centre
 108A, IP EXTN., PATPARGANJ NEW DELHI 110092
 NEW BUILDING (PPG-2)



Client Code: CO03018/92/PH

YEARS: 2018

Annual BMW Report

Date	Yellow	Red	Grey	Sharps	Total kg
January	2828.00	5964.00	1473.00	358.00	10623.00
February	2702.00	5306.00	1401.00	378.00	9787.00
March	3263.00	6291.00	1401.00	361.00	11316.00
April	3686.00	5893.00	1547.00	379.00	11505.00
May	3089.00	5989.00	1553.00	346.00	10977.00
June	2845.00	5488.00	1538.00	253.00	10124.00
July	2802.00	5728.00	1808.00	301.00	10639.00
August	2903.00	5273.00	1768.00	334.00	10278.00
September	2643.00	4281.00	1305.00	477.00	8706.00
October	2747.00	4906.00	1401.00	432.00	9486.00
November	2932.00	6568.00	1631.00	222.00	11353.00
December	3049.00	5998.00	1370.00	236.00	10653.00
TOTAL	35489.00	67685.00	18196.00	4077.00	125447.00

