MAX HEALTHCARE

MSSH/PPG/OB/859

June 02, 2020

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

03/06/2020
(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-II pertaining to generation and disposal of Bio-Medical Waste at our hospital, Max Super Speciality Hospital (a unit of Balaji Medical & Diagnostic Research Centre), **OLD BUILDING**, 108-A, Indraprastha Extension, Patparganj, Delhi-110092 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 CBMWTF, SMS Water Grace.

Thanking you

Yours faithfully
For Max Super Speciality Hospital
(a unit of Balaji Medical & Diagnostic Research Centre)

Pooja Joon Bawa
Executive Trustee

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 (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) Old building**
	(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	:	**Ramachandran@maxhealthcare.com Nischay.KumarSingh@maxhealthcare.com**
	(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)(01)/ND/2019/BMW/NST/AUTH NO-/104/21118 Valid up to :- 18-07-2024**
	(xi) Status of Consents under Water Act and Air Act	:	**Valid up to :- 19-11-2022**
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: **147**
	(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 Under Renewal**
3.	Details of CBMWTF		**NA**
	(i) Number healthcare facilities covered by CBMWTF	:	**NA**
	(ii) No of beds covered by CBMWTF	:	**NA**
	(iii) Installed treatment and disposal capacity of CBMWTF	:	**NA**
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		**NA**
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category: **24960** kg/Annum Red Category: 45256 kg/Annum White: **2002** kg/Annum Blue Category: **10217** kg/Annum Yellow Category (C): **1373** Kg/Annum General Solid waste: 102828KG/Annum
5.	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** 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	NA	NA.	NA
Plasma Pyrolysis	NA	NA	NA
Autoclaves	2	700 Kg/Hr	1856 Ton
Microwave	NA	NA	NA
Hydroclave	NA	NA	NA
Shredder	NA	NA	NA
Needle tip cutter or	NA	NA	NA

Balaji Medical & Diagnostic Research Centre

			Idestroyer			
			Sharps encapsulation or concrete pit	NA	NA	NA
			Deep burial pits: Chemical disinfection	NA	NA	NA
			Any other treatment equipment	NA	NA	NA
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) NA			
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	NA			
	(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	27 KG	**SMS Water Grace BMW Pvt. Ltd.**	
	(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	:	NA			
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	Yes Two meeting held and minutes of the same are attached.			
7.	Details trainings conducted on BMW					
	(i) Number of trainings conducted on BMW Management.	:	24			
	(ii) Number of personnel trained	:	168			
	(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?	:	Yes			
	(vi) Any other information		NA			
8.	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 cf Continuous online emission monitoring systems installed	:	Yes,			
11.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Yes,			
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,			
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 : 02.06.2020
Place : Delhi

Pooja Joon Bawa
Executive Trustee

Balaji Medical & Diagnostic Research Centre
108-A, Pocket-I, Sector-10, Dwarka, New Delhi-110 075

Name and Signature of the Head of the Institution

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

Date: 02.06.2020
Place: Delhi

Signature.....

Balaji Medical & Diagnostic Research Centre
108-A, I.P. Extn, Patparganj, Delhi-110 092

Name : **Pooja Joon Bawa**
Designation : **Executive Trustee**

Old Building

Bio-Medical Training Record 2019

Max Super Specialty Hospital- Patparganj

(A unit of Balaji Medial Diagnostic & Research Centre)

PPG-1

S. No.	Month	Date	PPG-1	
			Trainer Name	Training Attend by Staff
1	Jan-19	7-Jan-19	Virender	25
2		22-Jan-19	Shishpal	28
3	Feb-19	7-Feb-19	Neeraj	21
4		22-Feb-19	Sanjeev	23
5	Mar-19	7-Mar-19	Virender	29
6		22-Mar-19	Shishpal	22
7	Apr-19	7-Apr-19	Virender	24
8		22-Apr-19	Rajeev	27
9	May-19	7-May-19	Sanjeev	23
10		22-May-19	Neeraj	26
11	Jun-19	7-Jun-19	Shishpal	24
12		22-Jun-19	Majahae	21
13	Jul-19	7-Jul-19	Majahae	25
14		22-Jul-19	Neeraj	26
15	Aug-19	7-Aug-19	Majahae	29
16		22-Aug-19	Neeraj	24
17	Sep-19	7-Sep-19	Virender	22
18		22-Sep-19	Rajeev	27
19	Oct-19	7-Oct-19	Majahae	25
20		22-Oct-19	Rajeev	21
21	Nov-19	7-Nov-19	Majahae	28
22		22-Nov-19	Shishpal	23
23	Dec-19	7-Dec-19	Virender	27
24		22-Dec-19	Rajeev	22

Total No. of persons trained = 168

Balaji Medical & Diagnostic Research Centre
108-A, L.P. Extn. Patparganj Delhi-110 092

MAX HEALTHCARE

MINUTES OF THE MEETING OF BIO MEDICAL WASTE MANAGEMENT COMMITTEE – Max Super Speciality Hospital (a Unit of Balaji Medical Diagnostic & Research Centre), 108-A, I. P. Extension, Delhi 110092

Date: 25 JULY 2019

Venue: Training Room, 4th floor, PPG 1

Attended By:

1. Dr. Mohita Chandra (Medical Superintendent) - Chairperson
2. Dr. Ranjana Chabra (Sr. Consultant-Lab Services) - Member
3. Dr. Suchitra Jain (Sr. Consultant-Lab Services) - Member
4. Ms. Baishakhi Jain (Manager-Process Compliance) - Member
5. Mr. Ravi Yadav (Head-Housekeeping) - Member
6. Ms. Priyanka Sachdeva (Dy. Manager-Supply Chain) - Member
7. Ms. Uma Chauhan (Manager-BME) - Member
8. Mr. George Zachariah (Manager-Hospital Opps) - Member
9. Mr. Aravind Kr Jha (Head-Engineering) - Member
10. Ms. Smitha Murali (Infection Control Nurse) - Member
11. Mr. Deepumon V B (Infection Control Nurse) - Member

S.N.	Points of Discussion/Action Points	Responsibility	Timeline for Closure
1	Mixing of the dry and wet waste to be prevented at all times	Housekeeping Supervisors	On-going process
2	Blood bag autoclave process needs to be checked on daily basis	Housekeeping Supervisors	On-going process
3	Gumboots need to be worn by all handlers of BMW area.	Housekeeping Supervisors	On-going process
4	Technical maintenance as well as temperature monitoring of autoclave machines to be taken care of by Engineering team.	Mr. Arvind Jha	On-going process
5	Auto clave machine should be handled by trained HK staff	Housekeeping Head	On-going process

Balaji Medical & Diagnostic Research Centre 108-A I.P. Extn. Patparganj Delhi-110 092

6	Damaged BMW bins to be checked for and replaced	Housekeeping Head	30.08.2019
7	Street dogs should not be allowed in hospital premises and near waste collection area	Security Head	On-going process
8	Vendor collection frequency needs to be increased on a daily basis	Commercial	03.08.2019
9	Quality of Heavy duty gloves of BMW handlers needs to be checked with other Max Hospitals	Housekeeping Head	03.08.2019
10	Vendor needs to do a regular checking for the malfunctioning of Hub cutter and ensure timely repair.	Commercial	On-going process
11	Puncture proof containers for disposal of glass waste to be incorporated post approval from Unit Head	Commercial	10th Aug 2019
12.	Solid waste Area to be repaired to prevent the encroachment of rats/rodents.	Mr. Arvind Jha	03.08.2019
13.	Blankets cleaning protocols need to be shared with Infection Control Team. Circular to be issued for doctors not being authorized to use the blanket.	Housekeeping Head	Immediate
14	Cleaning and disinfection of critical care area (BMT, ICU, Triage, etc.) need to be monitored by HK Supervisors Mops should be separate for washroom and outside area.	Housekeeping Head	On-going Process

Dr. Mohita Chandra

(Chairperson & Medical Superintendent - Bio Medical Waste Management Committee)

Balaji Medical & Diagnostic Research Centre
108-A I.P. Extn. Patparganj Delhi-110 092

MAX HEALTHCARE

MINUTES OF THE MEETING OF BIO MEDICAL WASTE MANAGEMENT COMMITTEE – Max Super Speciality Hospital (a Unit of Balaji Medical Diagnostic & Research Centre), 108-A, I. P. Extension, Delhi 110092

Date: 30TH JANUARY 2020

Venue: Training Room, 4th floor, PPG 1

Attended By:

1. Dr. Mohita Chandra (Medical Superintendent) - Chairperson
2. Ms. Jasmine Singh (GM-Hospital Operations) - Member
3. Dr. Ranjana Chabra (Sr. Consultant-Lab Services) - Member
4. Dr. Suchitra Jain (Sr. Consultant-Lab Services) - Member
5. Ms. Princy Agarwal (Asst. Mgr-Medical Quality) - Member
6. Ms. Baishakhi Jain (Manager-Process Compliance) - Member
7. Mr. Ashok Kumar (Head-Security) - Member
8. Mr. Nischey Singh (Head-Housekeeping) - Member
9. Ms. Uma Chauhan (Manager-BME) - Member
10. Mr. George Zachariah (Manager-Hospital Opps) - Member
11. Mr. Aravind Kr Jha (Head-Engineering) - Member
12. Mr. Girish Chander (Dy. Manager-Housekeeping) - Member
13. Ms. Smitha Murali (Infection Control Nurse) - Member
14. Mr. Deepumon V B (Infection Control Nurse) - Member

1. **Absentee**: Ms. Priyanka Sachdeva (Dy. Manager-Supply Chain)- Member

S.N.	Points of Discussion/Action Points	Responsibility	Timeline for Closure
1.	Review of Closure Points of Previous Meeting held on 25.07.2019		
2.	To ensure that all Central BMW handlers should wear PPE mandatorily. All supervisors will monitor the process strictly.	Housekeeping	Immediate
3.	CCTV installation to be done in Central BMW area for the surveillance of BMW handling process	Housekeeping/Engineering	March 2020

Balaji Medical & Diagnostic Research Centre 108-A, I.P. Extn. Patparganj Delhi-110 092

4.	Indent to be placed for new Autoclave machine	Bio Medical Engineering	4 weeks
5.	For tying the BMW covers, proper strings need to be used	Housekeeping Head	ASAP
6.	Vendor needs to do a regular checking for the malfunctioning of Hub cutter and ensure timely repair.	Commercial	On-going process
7.	Plastic stools for placing Blue colored boxes/cartons are required to be indented.	Housekeeping	15th February, 2020
8.	Cleaning and disinfection of critical care area (BMT, ICU, Triage, etc.) need to be monitored by HK Supervisors	Housekeeping	On-going process
9.	Kitchen Compost needs to discarded on daily basis.	Housekeeping	On-going process
10.	All New stickers for BMW bin are to be approved by Infection Control team .	Housekeeping/Infection Control Committee	ASAP

Dr. Mohita Chandra

(Chairperson & Medical Superintendent - Bio Medical Waste Management Committee)

Balaji Medical & Diagnostic Research Centre
108-A, I.P. Extn. Patparganj Delhi-110 092

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Balaji Medical & Diagnostic Research Centre
Patparganj

Client Code: CO03018/92/PH

SMS

Annual BMW Report PPG-2

Month	No of Bag	Red kg	No of Bag	Yellow kg	No of Bag	Cyto in KG	No of Container	sharps in kg	No of Bag	blue in kg	Total Bags	Total in kg
Jan-19	340	5627	227	3132	26	85	56	218	166	1561	815	10622.00
Feb-19	335	5736	202	2727	28	118	59	216	174	1436	798	10233.00
Mar-19	401	5775	271	3149	47	165	77	290	198	1663	994	11042.00
Apr-19	446	5520	273	2682	49	176	73	236	169	1275	1010	9890.00
May-19	487	5447	267	2439	40	159	64	259	192	1224	1050	9528.00
Jun-19	471	5811	271	2844	41	173	79	289	173	1322	1035	10439.00
Jul-19	463	6039	293	3126	44	134	71	218	155	1272	1026	10789.00
Aug-19	472	5871	303	2963	46	127	73	221	175	1259	1069	10441.00
Sep-19	604	6257	347	2797	59	132	78	230	201	1359	1289	10775.00
Oct-19	547	5780	301	2606	61	135	65	203	183	1365	1157	10089.00
Nov-19	592	6124	328	2774	73	166	58	246	199	1446	1250	10755.00
Dec-19	628	5410	351	2570	78	176	58	165	208	1415	1323	9737.00
TOTAL	5786	69396.98	3434	33808.69	592	1746.70	811	2792.17	2193	16594.64	12816	124340.00

For SMS Water Grace BMW Pvt. Ltd.

Authorized Signatory

SMS Water Grace BMW Pvt. Ltd.

Balaji Medical & Diagnostic Research Centre
108-A
I.P. Extn.
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Delhi-110 092