

**Sir Hurkisondas  
Nurrotumdas  
Hospital &  
Research Centre**

Padmashri Gordhanbapa Chowk,  
Prarthana Samaj,  
Raja Rammohan Roy Road, Girgaon  
Mumbai- 400 004  
Phone : 6130 5000 / 5001/ 5002

To,

Maharashtra Pollution Control Board,  
Kalpataru Point, 3<sup>rd</sup> Floor,  
Sion Circle, Opp. Cine Planet Cinema. Sion (E)  
Mumbai 400022

Subject - Submission of Bio Medical Waste Annual Report for the year 2018  
(01.01.2018 to 31.12.2018).

Dear Sir,

With the reference to the above subject, please find the Bio Medical Waste Annual Report for the year 2018 for Sir H N Reliance Foundation Hospital & Research Centre.

Please find Enclosed herewith:

- Form IV
- Bio Medical Waste Details January - December 2018
- Form II (downloaded copy of Form II submitted online on [www.ecmpcb.in](http://www.ecmpcb.in))
- Minutes of the meeting - Bio Medical Waste committee (Bi-annual)

Kindly acknowledge the receipt of the same.

From Hurkisondas Nurrotumdas Hospital & Research Centre

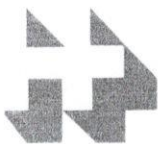
Somnath Patil

General Manager- HR

**MAHARASHTRA POLLUTION CONTROL BOARD**

Kalpataru Point, 3<sup>rd</sup> Floor, Sion Circle,  
Opp. Cine Planet Cinema, Sion (E),  
Mumbai - 400 022.

Tel : 24010437 / 24020781



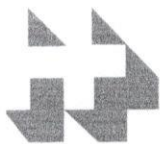
**Sir Harkisondas  
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**BIO MEDICAL ANNUAL REPORT 2018**

S No.	Particulars	
1	Particulars of the Occupier	: M/S. Sir Harkisondas Nurrotumdas Hospital & Research Centre
	(i) Name of the authorised person (occupier or operator of facility)	Mr. Somnath Patil General Manager : M/S. Sir Harkisondas Nurrotumdas Hospital & Research Centre
	(ii) Name of HCF or CBMWTF:	SMS Envo Clean
	(iii) Address for Correspondence	M/S. Sir Harkisondas Nurrotumdas Hospital & Research Centre Padmashri Gordhanbapa Chowk, Raja Ram Mohan Roy Road, Mumbai - 400004
	(iv) Address of Facility	M/S. Sir Harkisondas Nurrotumdas Hospital & Research Centre Padmashri Gordhanbapa Chowk, Raja Ram Mohan Roy Road, Mumbai - 400004
	(v) Tel. No, Fax No	: 022 61305000
	(vi) E-mail ID	: <a href="mailto:somnath.patil@ril.com">somnath.patil@ril.com</a>
	(vii) URL of website	: <a href="http://www.rfhospital.org">www.rfhospital.org</a>
	(viii) GPS coordinates of HCF or CBMWTF	: Nil
	(ix) Ownership of HCF or CBMWTF	: Nil
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Format1.0 BO/CAC Cell/EIC MU-6437-14/CCA/CAC-10163
	(xi) Status of Consents under Water Act and Air Act	: Format1.0 BO/CAC Cell/EIC MU-6437-14/CCA/CAC-10163
2	Type of Health Care Facility	: Hospital
	(i) Bedded Hospital	: 256 bedded
	(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	: 887301265/ Valid upto 31st March 2020
3	Details of CBMWTF	: Nil
	(i) Number of healthcare facilities covered by CBMWTF	: Nil
	(ii) No of beds covered by CBMWTF	: Nil
	(iii) Installed treatment and disposal capacity of CBMWTF	: Nil
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: Nil
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow Category: 3908.33 Kgs Red Category: 6043.46 Kgs Blue Category: 1188.73 Kgs White/ Sharps Category: 326.87 Kgs

MAHARASHTRA BIO-MEDICAL WASTE CONTROL BOARD  
Kalpataru Point, 3rd Floor, Sion (E),  
Opp. Cine Planet Cinema, Sion (E),  
Mumbai - 400 022.  
Tel: 24010437 / 24020781



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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:
	(ii) Disposal Facilities	:	Incinerators: Plasma Pyrolysis: Autoclaves: Microwaves: Hydroclave: Shredder: Needle tip cutter or destroyer: Sharps encapsulation or concrete pit: Deep Burial pits: Chemical Disinfection: Any other treatment equipment:
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	:	Nil
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	One
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Nil
	(vi) Name of the CBMWTF operator through which wastes are disposed off	:	SMS Envo Clean
	(vii) List of member HCF not handed over bio-medical waste	:	Nil
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meeting held during the reporting period	:	Yes (Attached)
7	Details of training conducted on BMW		
	(i) Number of trainings conducted on BMW management	:	86
	(ii) Number of personnel trained	:	1367
	(iii) Number of personnel trained at the time of induction	:	332
	(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



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8	Details of the accident occurred during the year	:	Nil
	(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 meet the standards?	:	Nil
	Details of continuous online emission monitoring systems installed	:	Nil
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Nil
11	Is the disinfection method or sterilization meeting the log for the standards? How many times you have not met the standards in a year?	:	Nil
12	Any other relevant information?	:	Nil

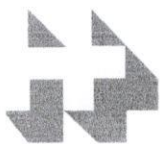
Certified that the above report is for the period from  
January 2018 to December 2018

Date: 10th January 2019  
Place: Mumbai



  
Name and Signature of the Head of the Institution





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### BIO-MEDICAL WASTE DETAILS (Jan - Dec 2018)

Month	Yellow Category (in Kgs)	Red Category (in Kgs)	White/ Sharps Category (in Kgs)	Blue Category (in Kgs)
January	2909.4	4171.81	412.18	7044
February	2650.2	3791.63	298.12	365.86
March	3962.31	5082.53	429.61	527.77
April	5532.36	5577.83	448.28	685.15
May	6218.14	7810.15	435.98	718.48
June	3479.36	5990.39	229.75	749.9
July	3818.95	6985.14	314.4	620.35
August	4368.4	6866.57	213.3	660.28
September	3261.05	5901.8	244.25	610.25
October	4461	7409	404	876
November	3078.82	5793.39	228.32	709.03
December	3159.97	7141.28	264.28	697.73
Total	46899.96	72521.52	3922.47	14264.8
Average per month	3908.33	6043.46	326.87	1188.73



Amruta S. kulkaeni

EC : 37500617

Contact No : 8451003484





# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## ANNUAL REPORT-FORM II

(To be submitted to the prescribed authority by 31 January every year)

1. Particulars of the applicant -

**i) Name of the authorised person (occupier/operator)**

Mr. Somanath Patil, General Manager

**ii) Name of the Institution**

Sir Harkisondas Nurrotamdas Hospital & Research Centre,

**Address**

Padmashri Gordhanbapa Chowk, Prarthana Samaj, Raja Ram Mohan Roy Road, Mumbai - 400004

**Tel. No.**

02261305000

**Telex No.**

0

**Fax No.**

2. Categories of waste generated and quantity on a monthly average basis

**Categories**

Human Anatomical Waste

**Quantity**

5

Waste sharps

326.87

Solid Waste

3903.33

Solid Waste

6043.46

3. Brief details of the treatment facility -

**i) Name of the operator**

SMS Envoclean Private Limited

**ii) Name and address of the facility**

Near Deonar Dumping Ground West Opp Sathe Nagar Ghatkopar Mankhurd Link Road Mumbai 400043

**Tel. No.**

02225512060

**Telex No.**

0

**Fax No.**

022 25512059

4. Category-wise quantity of waste treated

**Category**

Human Anatomical Waste

**Quantity**

0

Waste sharps

0

Solid Waste

0

Solid Waste

0

**5. Mode of treatment with details**

Autoclaving Incineration by the operator

**6. Any other information**

Approved Van by MPCB

**7. Certified that the above report is for the period from**  
01-01-2018 to 31-12-2018

**Place**

Mumbai

**Date**

Jan 17, 2019

**Designation**

General Manager



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**SIR HN RELIANCE FOUNDATION HOSPITAL & RESEARCH CENTRE  
INFECTION CONTROL COMMITTEE MEETING (ICC)  
- BIO MEDICAL WASTE MANAGEMENT - IMPLEMENTATION**

Meeting Date: 18<sup>th</sup> April 2018

Location: Meeting Room 1 - 3:00pm to 3:40pm

**Attendance**

Sr. No.	Name	Role	Designation	Present (Y/N)
1	Dr Shashikala Shivaprakash	IC Chairman	Microbiologist	Yes
2	Ms. Ranjana Williams	Member	Head Clinical Nursing	Yes
3	Mr. Sumit Goda	Member	Materials Head	Yes
4	Alpana Sharma	Member	Head HK	Yes
5	Dr. Darshana Rathod	Member	Intensivist	Yes
6	Swapna Pawar	Member	ICN- Manager	Yes
7	Samantha L		ICN	Yes

**1. Agenda**

- Updates on Biomedical waste rules 2018
- Broken dustbins
- Visit to SMS Envoclean Pvt. Ltd.

**2. Minutes:**

- Dr. Shashikala began the meeting reviewing the previous MOM
- Actionable of previous MOM reviewed
- Dr. Shashikala discussed about the approval status of dust bins. Ms. Alpana informed that the recommendation is reviewed with Dr. Daver and Mr. Ajay Berry, dustbins are approved and the procurement of bins and liners are in process.





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- Committee discussed Bio medical waste management amendment rules 2018. Puncture proof and leak proof container with blue markings to be identified as per the new guidelines. Dr. Shashikala suggested to use available resources within the facility without additional cost.
- Dr. Shashikala also informed that the regarding blue marked puncture proof and leak proof containers- Ms. Samantha and HK team visited the SMS site, revised policy is not yet initiated and they shall give us inputs later.

#### Post Meeting Action Items

Sr. No.	Action	Assigned to	Deadline
1	Blue marked puncture proof and leak proof container for glass items	Ms. Alpana , Mr. Sumit, IC team	Ongoing
2	Bigger Dustbins approval	Ms. Alpana	Ongoing

Next meeting: Nov 2018



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**SIR HN RELIANCE FOUNDATION HOSPITAL & RESEARCH CENTRE  
INFECTION CONTROL COMMITTEE MEETING (ICC)**

**MEETING DATE:** 20<sup>th</sup> December 2018

**LOCATION:** Meeting Room - 5th floor Kapol Niwas

**TIME:** 03:00 pm to 04:00 pm

**Attendance**

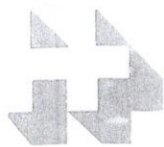
Sr. No.	Name	Role	Designation	Sign
1	Dr. Shashikala Shivaprakash	Member	Consultant Microbiologist	YES
2	Major Ranjana Williams	Member	Chief Nursing Officer	YES
3	Ms. Pearl Cruz	Member	Deputy Chief Nursing Officer	YES
4	Ms. Alpana Sharma	Member	Head HK	YES
5	Mr. Sumit Goda	Member	Lead Buyer Medical & Consumables	YES
6	Mr. Sharad Garud	Member	Head Engg.	YES
7	Ms. Swapna Pawar	Member	Nurse Manager Infection Control	YES
8	Ms. L. Samantha	Invited Member	Infection Control Nurse	YES

**1. Agenda**

- Updates on Biomedical waste rules 2018
- Chlorinated and non-chlorinated gloves
- Blue container for glass waste
- 

**2. Minutes:**

- Dr. Shashikala began the meeting reviewing the previous MOM
- Dr. Shashikala raised concern about use of chlorinated gloves in the organization, Chlorinated gloves to be phased out across the hospital and to replace with non-chlorinated gloves. Mr. Sumit to prepare a master sheet of gloves used across hospital with remarks of chlorinated or non-chlorinated.
- Committee confirms that Bar-Code system has been established for bags sent out of the premises
- Dr. Shashikala discussed about pretreatment / neutralization of liquid chemical waste for Lab and CSSD. Mr. Sharad confirmed that Tower



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**SIR HN RELIANCE FOUNDATION HOSPITAL & RESEARCH CENTRE**  
**INFECTION CONTROL COMMITTEE MEETING (ICC)**

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building, Heritage and Kapol including Lab and CSSD are compliant to this requirement and are connected to ETP.

- Committee discuss about bio-medical waste being collected on holidays, Ms. Alpana confirmed that bio-medical waste are being collected from hospital premises even on holidays and are not stored beyond 48 hrs.
- Dr. Shashikala discussed about the availability of Blue, leak proof and puncture proof container for glass items. Mr. Sumit confirms that vendor will visit hospital for big mouth blue container.

**Post Meeting Action Items**

Action	Assigned to	Deadline
Chlorinated gloves to be phased out	Mr. Sumit, IC team	Ongoing
Blue, leak proof and puncture proof container	Mr. Sumit, IC team	Ongoing

**3. Next meeting : May 2019**