

To,

Date 14.06.2018

The Environmental Engineer,
BMW Cell
Delhi Pollution Control Committee,
Department of Environment
(Govt. of NCT of Delhi),
4th Floor, ISBT Building,
Kashmere Gate Delhi-110006

105186118
(ENQUIRY CONTROL OFFICE)
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

Subject: Submission of Annual record of **BIO MEDICAL WASTE (January 2017 to December 2017)** of the hospital.

Sir/Madam,

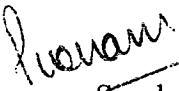
Kindly find enclosed Annual Report of 2017 of Bio medical waste of the hospital.


Enclose:-

- a) Form-4
- b) Minutes of the BMW committee meeting (January to December 2017)

This is for information and records.

Thanks & Regards,


Poonam Singh
Sr Facility Manager
INDIAN SPINAL INJURIES CENTRE
VASANTKUNJ NEW DELHI 110070


Addl. Chief of Medical Administration
INDIAN SPINAL INJURY CENTRE
VASANTKUNJ NEW DELHI 110070

Dr. K. PREETHAM
Addl. Chief of Medical Administration
Indian Spinal Injuries Centre
Sector-C, Vasant Kunj
New Delhi - 110070
Phone No. 30040



NABH & NABL Accredited Organization

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)	:	Indian Spinal Injuries Center																												
	(ii) Name of HCF or CBMWTF	:	Indian Spinal Injuries Center																												
	(iii) Address for Correspondence	:	Sector C1 vasant kunj New Delhi – 110064.																												
	(iv) Address of Facility	:	Sector C1 vasant kunj New Delhi – 110064.																												
	(v) Tel. No, Fax. No	:	011-42255302																												
	(vi) E-mail ID	:	acma@isiconline.org																												
	(vii) URL of Website	:	www.isiconline.org																												
	(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/BMW/AUTH/NEWNo/2017/3291 Valid upto - 04/03/2022																												
(xi) Status of Consents under Water Act and Air Act	:	Valid up to - Consent Order No DPCC/WMC/2015/36425 Valid up to 18-02-2020																													
2.	Type of Health Care Facility	:	Health care																												
	(i) Bedded Hospital	:	No. of Beds : 178																												
	(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	:																													
3.	Details of CBMWTF	:	Biotic Waste Solutions Pvt. Ltd.. 46, SSI Industrial Area GT Karnal Road, Delhi – 110033.																												
	(i) Number healthcare facilities covered by CBMWTF	:	N.A																												
	(ii) No of beds covered by CBMWTF	:	N.A																												
	(iii) Installed treatment and disposal capacity of CBMWTF	:	N.A																												
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	N.A																												
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category :1861.64 (Avg. Per Month)																												
		:	Red Category :2599.10 (Avg. Per Month)																												
		:	White:567.63 (Avg. Per Month)																												
		:	General Solid waste: 6966.35 (Avg. Per Month)																												
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility																														
	(i) Details of the on-site storage facility	:	There is a separate storage area for bio medical waste. 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></td> <td></td> <td></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> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder			
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Microwave																															
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.	:	N.A		
	(iv) No of vehicles used for collection and transportation of bio medical waste	:	N.A		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	N.A	Quantity generated	Where disposed
		:	Incineration		
		:	Ash		
		:	ETP Sludge		
	(vi) Name of the Common Bio Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Biotic Waste Solutions Pvt. Ltd..		
	(vii) List of member HCF not handed over bio-medical waste	:	N.A		
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	We have a separate environment management committee and Bio medical Waste management is covered under it.		
7.	Details training conducted on BMW	:			
	(i) Number of training conducted on BMW Management.	:	86		
	(ii) Number of personnel trained	:	1025		
	(iii) Number of personnel trained at the time of induction	:	196		
	(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	:	None		
	(i) Number of Accidents occurred	:			
	(ii) Number of the persons affected	:			
	(iii) Remedial Action taken (Please attach details if any)	:			
	(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?	:	Not applicable		
10.	Details of Continuous online emission monitoring systems installed	:	Not applicable		
11.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Details on PTP & STP Capacity-PTP-40 KLD In place- Chemical process Met all standards. Capacity-STP-250 KLD MBBR technology Met all standard		
12.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	N.A		
13.	Any other relevant information.	:			

Certified that the above report is for the period from 01.01.2017 to 31.12.2017.

Date: 13/6/2018
Place: New Delhi

For 
Name and Signature of the Head of the Institution

Dr. K. PREETHAM
Addl. Chief of Medical Administration
Indian Spinal Injuries Centre
Sector-C, Vasant Kunj
New Delhi - 110070
DMC No. 30049

To,

The Environmental Engineer,
BMW Cell
Delhi Pollution Control Committee,
Department of Environment
(Govt. of NCT of Delhi),
4th Floor, ISBT Building,
Kashmeregate Delhi-110006

Date 14.06.2018

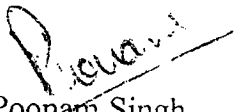
Subject: Regarding frequency of environment management committee meeting

Sir/Madam,

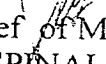
It is for your kind information that from Jan 2017 frequency of environment management committee meeting was monthly as it was covered under IPCEMC (Infection prevention Control and environment management committee)

From May 2017 on wards it was made bimonthly and it became an independent committee.

Thanks & Regards,



Poonam Singh
Sr Facility Manager
INDIAN SPINAL INJURIES CENTRE
VASANTKUNJ 110070



Addl. Chief of Medical Administration
INDIAN SPINAL INJURIES CENTRE
VASANTKUNJ 110070

Dr. K. SETHI
Addl. Chief of Medical Administration
Indian Spinal Injuries Centre
Sector Vasam Kandi
New Delhi - 110070
Phone: 30049

ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 10th February 2017

Meeting Place: Conference Room

Attended by: Dr. Preetham, Dr. Sunil Sharma, Dr. Pallavi Banerjee, Ms. Nidhi Yadav, Ms. Poonam Singh, Ms. Neetu Maitra, Ms. Priyanka Anchalia, Ms. Natasha Roberts, Ms. Usha Gopinath, Ms. Rajinder Kaur, Mr. Baban Rai, Ms. Deepu Vijay, Ms. Hatnuthem Haokip

Absentees: Dr. Sanjeev Gupta

S. No	Activity	Discussion	Responsibility	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of January 2017. ACMA emphasized on minimization of biomedical waste generated in the hospital. It was suggested by Dr. Pallavi suggested to explore the possibility of inhouse treatment of biodegradable kitchen waste at ISIC.	Ms. Poonam Infection Control Team & All Concerned	
2.	Impact of improper segregation of hospital waste	It was discussed regarding impact of improper segregation of hospital waste on environment and also importance of educating people down the line regarding the same.	All concerned	
3.	Reduction on Paper Usage	It was discussed that the paper usage should be reduced in all the departments. It was suggested that all the Circulars, Minutes of Meetings, Approvals, Weekly reports etc. Shall be sent in soft-copies only. A circular regarding the same needs to be circulated from CMA Office. It was also proposed to review the monthly paper rim consumption by each department.	Quality Manager	

Dr. Sanjeev Gupta
Chief of Medical Administration

Ms. Nidhi Yadav
Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman

ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 10th March 2017

Meeting Place: Conference Room

Attended by: Dr. Sanjeev Gupta, Dr. Preetham, Dr. Sunil Sharma, Dr. Pallavi Banerjee, Ms. Nidhi Yadav, Ms. Poonam Singh, Ms. Neetu Maitra, Ms. Priyanka Anchalia, Ms. Usha Gopinath, Ms. Rajinder Kaur, Mr. Babbn Rai, Ms. Deepu Vijay, Mr. Rajkumar, Mr. V.P.Singh, Col. N.K. Bhimwal

Absentees: Ms. Natasha Roberts, Ms. Hatnuthem Haokip

S. No	Activity	Discussion	Responsibility	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of February 2017.	Ms. Poonam	
2.	STP waste management	CMA emphasized on adequate management of sludge generated from STP Mr. R. Yadav to coordinate with STP vendor for the same. Ms. Poonam to coordinate for collection of sludge.	Mr. R.Yadav & Dr. Pallavi	
3.	Water logging across the hospital	CMA emphasized on regular cleaning and asked Ms. Poonam to ensure no water logging takes place in and around hospital premise	Ms. Poonam	
4.	DG set and boiler upkeep	CMA emphasized on daily visit of maintenance department to these areas. Mr. R.Yadav to follow up with concerned authority for noise control monitoring.	Mr. R.Yadav	
5.	Active construction in hospital	CMA thrust-ed on following safe practices w.r.t active construction going on in the hospital. Leakage in ceiling of OT 5 to rectified at the earliest	Mr. R.Yadav	
6.	Reduction on Paper Usage	Reduction on stationary consumption was re-emphasized.	All concerned	

Dr. Sanjeev Gupta
Chief of Medical Administration

Ms. Nidhi Yadav
Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman

ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 11th April 2017

Meeting Place: Conference Room

Attended by: Dr. Sanjeev Gupta (Chairperson), Ms. Nidhi Yadav (Member Secretary) Dr. Preetham, Dr. Sunil Sharma, Dr. Pallavi Banerjee, Dr. Arun Sharma, , Ms. Poonam Singh, Ms. Neetu Maitra, Ms. Natasha Roberts, Ms. Hatnuthem Haokip, Mr. Baban Rai, Ms. Deepu Vijay, Mr. Rajkumar, Mr. Raghbir Mishra

Special Invitee: Ms. Sheetal Sharma, Ms. Ritu Kalra

Absentees: Ms. Priyanka Anchalia, Ms. Rajinder Kaur, Ms. Usha Gopinath,

S. No	Activity	Discussion	Responsibility	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of March 2017.	Ms. Poonam	
2.	STP waste management	CMA asked Dr. Pallavi to write to DPCC regarding disposal of sludge generated from STP.	Dr. Pallavi	
3.	Prevention of water logging across the hospital	CMA emphasized on <ul style="list-style-type: none"> ✓ Preventing water logging across hospital ✓ Daily visit of maintenance department and follow up with concerned authority for noise control monitoring ✓ Following safe practices w.r.t active construction going on in the hospital 	Ms. Poonam & Mr. Ravinder Yadav	
4.	Reduction on Paper Usage	Emphasis was laid on "Go Green" initiative hence reduction in stationary consumption was re-emphasized. Ms. Sheetal to explore the option of sending patient bills to CGHS/ ECHS etc through email. Thrust was laid on sending email of circulars, interoffice noted, weekly reports etc.	Ms. Sheetal All concerned	

Dr. Sanjeev Gupta
Chief of Medical Administration

Ms. Nidhi Yadav
Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman

ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 8th June 2017

Meeting Place: Conference Room

Attended by: Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Dr. Pallavi Banerjee, Dr. Smita Korde, Dr. H.K.Mahajan, Ms. Poonam Singh, Ms. Mariamma Titus, Ms. Natasha Roberts, Mr. Baban Rai, Ms. Deepu Vijay, Mr. Ravinder Yadav, Ms. Rajinder Kaur, Ms. Resmi Mohanan

Absentees: Ms. Usha Gopinath, Dr. Sunil Sharma, Ms. Neetu Maitra, Ms. Priyanka Anchalia

S. No	Activity	Discussion	Responsibility	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of April and May 2017.	Ms. Poonam	
2.	STP waste management	It was decided that Ms. Poonam will discuss the matter regarding disposal of sludge generated from STP with concerned officer in the upcoming meeting with DPCC.	Ms. Poonam	
3.	Prevention of water logging across the hospital	Emphasis was laid on <ul style="list-style-type: none"> ✓ Preventing water logging across hospital ✓ Following safe practices w.r.t active construction going on in the hospital 	Ms. Poonam & Mr. Ravinder Yadav	
4.	Reduction on Paper Usage	Emphasis was laid on "Go Green" initiative hence reduction in stationary consumption was re-emphasized. Ms. Sheetal to explore the option of sending patient bills to CGHS/ ECHS etc through email. Thrust was laid on sending email of circulars, interoffice noted, weekly reports etc. HRD also conducting employee satisfaction survey through online mode in support of this initiative.	Ms. Sheetal All concerned	

Dr. K.Preetham
Addl. Chief of Medical Administration

Ms. Nidhi Yadav
Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman

ENVIRONMENT MANAGEMENT COMMITTEE

(MINUTES OF THE MEETING)

Date: 21st September 2017

Meeting Place: Conference Room

Attended by: Dr.K.Preetham (Chairperson), Ms. Nidhi Yadav (Member Secretary), Ms. Usha Gopinath, Dr. Sunil Sharma, Dr. Pallavi Banerjee, Dr. H.K.Mahajan, Ms. Poonam Singh, Ms. Deepu Vijay, Mr. Ravinder Yadav, Ms. Rajinder Kaur, Ms. Neetu Maitra

Absentees: nil

S. No	Activity	Discussion	Responsibility	Status
1.	Bio-medical Waste Report and its minimization	Ms Poonam presented the biomedical waste report for the month of September and October 2017.	Ms. Poonam	
2.	STP waste management	A consultant has advised use of chemical treatment of water which leads to less sludge production ACMA suggested that we may talk to other laboratories for analysis of sludge and based on it decision on disposal of sludge generated from STP can be taken. Mr. Ravinder to do the needful	Mr. Ravinder Yadav	
3.	Safety issue and Go Green initiative	Emphasis was laid on <ul style="list-style-type: none"> ✓ Preventing water logging across hospital ✓ Following safe practices w.r.t active construction going on in the hospital ✓ Producing less hospital waste ✓ Saving paper 	Ms. Poonam & Mr. R Yadav All concerned	
4.	Drinking water quality across hospital	In lieu of poor quality of drinking water Dr. Sunil Sharma asked Mr.R. Yadav to find out costing of water softner for hospital usage	Mr.R. Yadav	

Dr. K.Preetham
Addl. Chief of Medical Administration

Ms. Nidhi Yadav
Quality Manager

To: All Concerned

Copy for Information: MD / DG / Chairman