

Dated: 05/06/2017

To,

The Sr. Environmental Engineer, WMC- I  
Department of Environment,  
Govt. of NCT of Delhi,  
4<sup>th</sup> Floor, ISBT Building,  
Kashmere Gate,  
Delhi-110006

05/06/17  
WASTE POLLUTION CONTROL COMMITTEE  
DEPARTMENT OF ENVIRONMENT  
GOVT. OF NCT OF DELHI  
4TH FLOOR, ISBT BUILDING,  
KASHMERE GATE, DELHI-110006

Subject: Submission of Form - IV

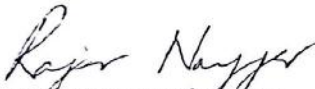
Dear Sir/Madam,

Please find attached herewith the **FORM IV** (Annual Report of Bio- Medical Waste generated in our hospital for **January 2016 to December 2016**

Thanking you,

Yours Sincerely,

For Fortis Hospotel Ltd.

  
Dr. Rajeev Nayyar  
Medical Director

Encl: As above

**Form - IV**  
**(See rule 13)**  
**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> 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)]

Sl. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Dr. RAJEEV NAYYAR
	(ii) Name of HCF or CBMWTF	:	FORTIS HOSPITAL SHALIMAR BAGH
	(iii) Address for Correspondence	:	A-BLOCK, SHALIMAR BAGH DELHI-83
	(iv) Address of Facility	:	A-BLOCK, SHALIMAR BAGH DELHI-83
	(v) Tel. No, Fax. No	:	011-45302222, 011-45302211
	(vi) E-mail ID	:	RAJEEV.NAYYAR@FORTISHEALTHCARE.COM
	(vii) URL of Website	:	
	(viii) GPS coordinates of HCF or CBMWTF	:	Yes, Observed to be in place during round to the WTF
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: DPCC/BMW/AUTH/NEW No/2015/01476 .....valid up to 26/06/2017
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 14/07/2019
2.	Type of Health Care Facility	:	HOSPITAL
	(i) Bedded Hospital	:	No. of Beds:..... 262
	(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	:	DHS/NH/882, 31st March 2017
3.	Details of CBMWTF	:	(Applied for Renewal on 12/01/2017)
	(i) Number healthcare facilities covered by CBMWTF	:	NA
	(ii) No of beds covered by CBMWTF	:	NA.
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day NA



	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day	NA																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 2234.450 Kg Red Category : 4223.562 Kg White: 800.908 Kg Blue Category : 1021.663 Kg General Solid waste:																																																	
	ANNEXURE - I Attached.																																																			
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)	NA																																																
	(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> <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> <tr> <td>Any other treatment equipment:</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				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit				Deep burial pits:				Chemical disinfection:				Any other treatment equipment:				NA
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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.)	NA																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	One vehicle transported at one time or per day																																																	
	(v) Details of incineration ash and ETP sludge generated and disposed	:	Quantity generated	Where disposed																																																

	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge	NA
	(vi) Name of the Common Bio-Medical 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.		NA
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		Yes
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management.		98 Trainings for Nurses, LDA, Housekeeping and other staff
	(ii) number of personnel trained		1595, (Nurses - 739, LDA - 384, HK - 184, other - 288)
	(iii) number of personnel trained at the time of induction		100%
	(iv) number of personnel not undergone any training so far		—
	(v) whether standard manual for training is available?		Yes
	(vi) any other information)		NIL
8	Details of the accident occurred during the year (Form-III)		Needle stick
	(i) Number of Accidents occurred		22
	(ii) Number of the 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 met the standards?		NA
	Details of Continuous online emission monitoring systems installed		NA
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		ANNEXURE - 2 Attached
11	Is the disinfection method or sterilization meeting the log 4		NIL

	standards? How many times you have not met the standards in a year?		
2	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator)

certified that the above report is for the period from

.....  
 1st January 2016 till 31st December 2016.....  
 .....

*Rajiv Nigam*  
 Name and Signature of the Head of the Institution

Date: 5<sup>th</sup> June, 2017  
 Place: Delhi.





# DELHI POLLUTION CONTROL COMMITTEE

(Government of NCT of Delhi)  
4th Floor, ISBT Building, Patparguna, Delhi - 110092  
Website : <http://www.dpcc.delhigovt.nic.in>

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Result No : DPCC/Comm/W/24837 / 1244

30/03/2016

Date : 30-03-2016

## ANALYSIS REPORT OF WATER EFFLUENT

ANNEXURE - 2

1. Name & Address of Ind./Unit : M/s FORTIS HOSPITAL  
FORTIS HOSPITAL SHALIMAR  
BAGH,  
Delhi-110070
2. Sampling Location : Outlet of STP
3. Date of sampling : 23-03-2016
4. Sample collected by : DPCC LAB
5. Control Measure (if any) : STP
6. Nature of sample : GRAB
7. Nature of Industry : Hospital Connected with Sewers with Terminal STP with Boiler  
and without Incinerator

8. Parameters analyzed and results:

S.No.	Parameters	OUTLET OF STP	Prescribed Standard
1	pH	7.1	5.5-9
2	Oil and Grease	1.2	10
3	Bio-chemical oxygen demand [3days at 27°C]	18	350
4	Total Suspended Solids (TSS)	26	600
5	Bio - assay test (percent survival of fish after 96 hours in 100 percent effluent)	90	90-100

All the parameters are in mg/l except pH value.

*M. Mittal*

SR. SCIENTIST

SR. SCIENTIST  
Sector Scientist  
Delhi Pollution Control Committee  
4th Floor, ISBT Building  
Patparguna Gate, New Delhi-110092

*[Signature]*

SR. SCIENTIFIC ASSISTANT