

# COLUMBIA ASIA

18/05/2019

To  
Environmental officer,  
Karnataka State Pollution Control Board,  
Regional office-Mahadevpura,  
3<sup>rd</sup> floor, Nisarga Bhavana, Rajajinagar,  
Bengaluru 560010.

Respected Sir,

Subject: Submission of Biomedical Waste Annual Returns in Form-IV

We here with enclosing the returns of Bio-medical Waste Annual Returns in Form-IV (See rule-13) towards generation and disposal of Bio-medical waste for the year 2018 for the period of 01-01-2018 To 31-12-2018.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours Faithfully,



For Columbia Asia Hospital, Whitefield.



Enclosure: Form-IV

CC: The Senior Environmental Officer,  
Karnataka State Pollution Control Board,  
BMW Cell, 4<sup>th</sup> Floor, Parisara Bhavana Church Street,  
Bengaluru - 560001.

**Columbia Asia Hospital - Whitefield**

Sy. No. 10P & 12P, Ramagondanahalli Village,

Varthur Hobli, Whitefield, Bangalore East Taluk - 560 066

Phone: +91 80 6165 6666. [www.india.columbiaasia.com](http://www.india.columbiaasia.com)

Regd. Office: Columbia Asia Hospitals Pvt. Ltd. # 8, 80 Feet Road, HAL III Stage, Indiranagar, Bangalore - 560 075. Phone: 080 4021 1000

CIN: U85110KA2003PTC033055

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)]

year - 2018

Sl. No.	Particulars		
1.	Particulars of the Occupier		
	(i) Name of the authorised person (occupier or operator of facility)		The General Manager
	(ii) Name of HCF or CBMWTF		Columbia Asia Hospital.
	(iii) Address for Correspondence		109/12P, Ramagondanah Cv, Varthur Hobli
	(iv) Address of Facility		White Field, Bengaluru.
	(v) Tel. No, Fax. No		ph-080-6165 66 66
	(vi) E-mail ID		chantanya.p@Columbia *.com
	(vii) URL of Website		www.india.columbia ahh.com.
	(viii) GPS coordinates of HCF or CBMWTF		-
	(ix) Ownership of HCF or CBMWTF		(State Government or Private or Semi Govt. or any other) <input checked="" type="checkbox"/>
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules		Authorisation KSPCB/84/BMD 2017/Regn.13.14.11.... .....valid up to 30/06/2022
	(xi). Status of Consents under Water Act and Air Act		Valid up to:  30-06-2022
2.	Type of Health Care Facility		Multispecialty Hosp. 4
	(i) Bedded Hospital		No. of Beds: 62 Beds
	(ii) Non-bedded hospital		



	(Clinic or Blood Bank or Clinical Research Institute or Laboratory or Veterinary Hospital or any other)		— NA —
	(iii) License number and its date of expiry		— NA —
3.	Details of CBMWTF		Anu Auto clave & Incin Services
	(i) Number healthcare facilities covered by CBMWTF		Handle by above mentioned vendor
	(ii) No of beds covered by CBMWTF		— As above —
	(iii) Installed treatment and disposal capacity of CBMWTF		Kg per day — As above —
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		Kg/day — As above —
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		Yellow Category 1864 kg/month Red Category : 2314 kg/month White: 61 kg/month Blue Category : 250 kg/month (Glass) General Solid waste: weekly - 50 kg/day
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility		Size : 8' x 8' Capacity : Can store upto 149 kg/day Provision of on-site storage (cold storage or any other provision) : Cold storage

	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:			
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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.) <i>Handled by CBMWTAF</i>																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste		<i>— 11 —</i>																																																
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="1"> <thead> <tr> <th></th> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr><td>Incineration Ash</td><td></td><td></td></tr> <tr><td>ETP Sludge</td><td><i>— 11 —</i></td><td></td></tr> </tbody> </table>		Quantity generated	Where disposed	Incineration Ash			ETP Sludge	<i>— 11 —</i>																																								
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	(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		<i>— 11 —</i>																																																
	(vii) List of member HCF not handed over bio-medical waste.		<i>—</i>																																																
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period		<i>yes, we have Infection Control Committee.</i>																																																
7	Details trainings conducted on BMW (i) Number of trainings conducted on BMW Management.		<i>24 + induction.</i>																																																



	(ii) number of personnel trained ✓		188 members
	(iii) number of personnel trained at the time of induction ✓		for all department for new
	(iv) number of personnel not undergone any training so far ✓		Trainees. we take presentation about BMS (i.e. House keeping, Doctors & Nurses).
	(v) whether standard manual for training is available? ✓		Yes available.
	(vi) any other information		-
8	Details of the accident occurred during the year ✓		- NIL -
	(i) Number of Accidents occurred ✓		- NIL -
	(ii) Number of the persons affected ✓		- NIL -
	(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?		-
	Details of Continuous online emission monitoring systems installed		-
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		LWTP is provided and well functioning.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		-
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator) - NA -

Certified that the above report is for the period from

01-01-2018 TO 31-12-2018

Name and Signature of the Head of the Institution

Date: 18-05-19

Place: Whitefield, Bangalore



Annexure-1

M/s. Columbia Asia Hospital- WhiteField

MONTH WISE GENERATION OF BIO-MEDICAL WASTE FOR THE YEAR 2018

For the period from 01-01-2018 to 31-12-2018

Month & Year	Cat,1,3,5 & 6 Yellow in Kg's	Cat,6 (Blue) in Kg's (Glass)	Cat,7 (Red) in Kg's	Cat,4 ( White-PPC) in Kg's
January-2018	1869	207	2330	60
February-2018	1737	266	2196	62
March-2018	2124	281	2328	55
April-2018	2208	250	2086	54
May-2018	1959	260	2539	59
June-2018	1583	100	2249	56
July-2018	1930	266	2235	70
August-2018	1992	272	2675	68
September-2018	1719	279	2436	71
October-2018	1919	287	2451	65
November-2018	1723	281	1990	53
December-2018	1608	258	2253	62
<b>TOTAL</b>	<b>22371 Kg's</b>	<b>3007 Kg's</b>	<b>27768 Kg's</b>	<b>735 Kg's</b>