

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

05/02/2021

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 2020 for the period of 01-01-2020 To 31-12-2020 with annexure-1 and disposal details.

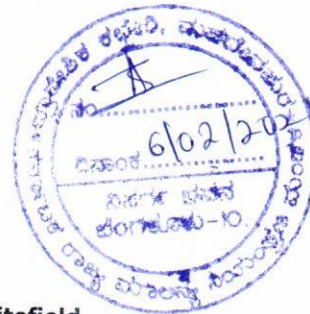
Kindly acknowledge the receipt of the same.

Thanking you,

Yours Faithfully,

For Columbia Asia Hospital - Whitefield,  
Dr. Pankaj Mittal  
Chief of Medical Services  
Columbia Asia Hospital - Whitefield  
Sy. #10P & 12P, Ramagondanahalli Village,  
Varthur Hobli, Whitefield, Bengaluru - 560 066

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)

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)]

2020

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	Chaitanya patania General Manager
	(ii) Name of HCF or CBMWTF	:	M/s Columbia Asia Hospital
	(iii) Address for Correspondence	:	# 10p & 12p, Ramagondrabally (iv) Verthur Hobli
	(iv) Address of Facility	:	White Field, Bengaluru-560066
	(v) Tel. No, Fax. No	:	080- 80 616 566 66
	(vi) E-mail ID	:	Chaitanya.p@Columbiaindia.com
	(vii) URL of Website	:	hospital1.com www.columbiaindiahospitals.com
	(viii) GPS coordinates of HCF or CBMWTF	:	
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation KSPCB/84/BMH/2017 131411 DT 30-06-2022 .....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	:	Multispeciality Hospital
	(i) Bedded Hospital	:	No. of Beds:..... 162 Beds
	(ii) Non-bedded hospital	:	



	(Clinic or Blood Bank or Research Institute or Laborator Clinical y or Veterinary Hospital or any other)		— NA —
	(iii) License number and its date of expiry		— NA —
3.	Details of CBMWTF	:	Amu Auto clave & incin services.
	(i) Number healthcare facilities covered by CBMWTF	:	Handle by above mentioned vendor
	(ii) No of beds covered by CBMWTF	:	— 0 —
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day — 4 —
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day — 41 —
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category 1568 kg/months Red Category : 2188 kg/months White: 48 kg/months Blue Category : 252 kg/months glass General Solid waste: Dry- 35 kg/day, wet-15 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 135 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 CBMWTF</i>																																																
(iv) No of vehicles used for collection and transportation of biomedical waste	:	<i>— 1 —</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></td><td></td></tr> </tbody> </table>		Quantity generated	Where disposed	Incineration Ash			ETP Sludge																																									
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(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		<i>— 0 —</i>																																																
(vii) List of member HCF not handed over bio-medical waste.		<i>— 1 —</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 an infection Control Committee</i>																																																
7 Details trainings conducted on BMW																																																		
(i) Number of trainings conducted on BMW Management.		<i>Monthly 2 trainings (24 reduction,</i>																																																



	(ii) number of personnel trained		170 Members
	(iii) number of personnel trained at the time of induction		For new joiners we conduct training about BMD
	(iv) number of personnel not undergone any training so far		Cie., Doctors, Nurses, housekeeping
	(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		— NA —
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		LWTP is provided 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?		— NA —
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) — NA —

Certified that the above report is for the period from

01-01-2020 TO 31-12-2020

Name and Signature of the Head of the Institution

Date: 05-02-2021

Place: Whitefield, Bangalore



**Annexure-1**

**M/s. Columbia Asia Hospital- Whitefield**

**MONTH WISE GENERATION OF BIO-MEDICAL WASTE FOR THE YEAR 2020**

**For the period from 01-01-2020 to 31-12-2020**

<b>Month &amp; Year</b>	<b>Cat.1,3,5 Yellow in Kg's</b>	<b>Cat.6 (Blue) in Kg's (Glass)</b>	<b>Cat.7 (Red) in Kg's</b>	<b>Cat.4 ( White-PPC) in Kg's</b>
January-2020	1668	330	2414	59
February-2020	1895	344	2728	55
March-2020	1537	284	2802	56
April-2020	798	165	1609	27
May-2020	1004	198	2202	45
June-2020	1681	467	2376	54
July-2020	1835	179	2281	67
August-2020	1359.5	249	2147	38
September-2020	2326	153	901	42
October-2020	1501	141	2168	38
November-2020	1588	225	2184	44
December-2020	1622	286	2454	56
<b>TOTAL</b>	<b>18814.5 Kg's</b>	<b>3021 Kg's</b>	<b>26266 Kg's</b>	<b>581 Kg's</b>