

COLUMBIA ASIA

DATED: 30/01/2020

To,
The Environmental officer,
Karnataka state pollution control board,
(City region West), 1st floor, Nisargabhavan
Rajajinagar,
Bengaluru-560010

Dear Sir,

Sub: Submission of Biomedical Waste Annual Returns in Form - IV.

Herewith we are submitting the Bio-medical waste annual returns in Form – IV (See Rule 13) for the year 2019 from 01.01.2019 to 31.12.2019, towards the generation of biomedical waste along with disposal details as per BMW Rules.

Kindly acknowledge the receipt of the same.

Yours faithfully,

Rohit

For Columbia Asia Referral Hospital.
Yeshwanthpur– Bengaluru.

CC: The Senior Environmental Officer,
KSPCB, BMW Cell, 4th Floor, Parisara Bhavana,
Chruch Street, Bengaluru – 560001.



Columbia Asia Referral Hospital - Yeshwanthpur

26/4, Brigade Gateway, Beside Metro, Malleswaram West, Bangalore - 560 055

Phone: 080 - 6165 6262, Emergency 080 - 6741 6262, www.columbiaasia.com/india

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 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)]

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	Dr. Ananth Rao General manager
	(ii) Name of HCF or CBMWTF	:	M/s. Columbia Asia Referral Hospital.
	(iii) Address for Correspondence	:	#26/4, Brigadegateway Beside metro Malleshwaram
	(iv) Address of Facility	:	West, Yeshwantpur Bengaluru-560055.
	(v) Tel. No, Fax. No	:	ph-080-39898969, Fax- 080-3032545
	(vi) E-mail ID	:	rohitsoni45@yahoo.com.
	(vii) URL of Website	:	www.columbiaasia.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 No-KSPCB/84/BMW/2017 Reg. No. 148434/H-629valid up to 30-06-2021.
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 30-06-2021
2.	Type of Health Care Facility	:	Multispeciality Hospital.
	(i) Bedded Hospital	:	No. of Beds:..... 160
	(ii) Non-bedded hospital	:	

	Laborator (Clinic or Blood Bank or Clinical y or Research Institute 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	:	Handled by above Mentioned Vendor.
	(ii) No of beds covered by CBMWTF	:	— u —
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	— Kg per day — u —
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	— Kg/day — u —
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category 3170 kg/month Red Category : 2726 kg's/month White: 146 kg's/month Blue Category : 413 kg's/month (Glass) General Solid waste: Wet & Dry 90 kg/day.
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	on-site storage (i) Details of the : facility	Size :	29' x 11'
		Capacity :	Can store upto 215 kg's/day.
		Provision of on-site storage : (cold storage or any other provision)	Cold Storage

disposal facilities		<table border="0"> <tr> <td>Type of treatment equipment</td><td>No of units</td><td>Capacity Kg/day</td><td>Quantity treated or disposed in kg per annum</td></tr> <tr> <td>Incinerator's</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>— Nil —</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> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerator's				Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit			— Nil —	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	:	— Nil —																																																
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		<table border="0"> <tr> <td></td><td>Quantity generated</td><td>Where disposed</td></tr> <tr> <td>Incineration Ash</td><td></td><td></td></tr> <tr> <td>ETP Sludge</td><td>— Nil —</td><td></td></tr> </table>		Quantity generated	Where disposed	Incineration Ash			ETP Sludge	— Nil —																																								
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(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		— Nil —																																																
(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 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 4 trainings</i>																																																

	(ii) number of personnel trained ✓		300 members.
	(iii) number of personnel trained at the time of induction ✓		for all department- new joiners we take training about B.M.H
	(iv) number of personnel not undergone any training so far ✓		(ie, Nurses, Housekeeping, Doctors etc)
	(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) ✓		- Nil -
	(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? ✓		- 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? ✓		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? ✓		- 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 01-01-2019 TO 31-12-2019

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Rohit

Name and Signature of the Head of the Institution

Date: 30-01-2020
 Place: Bengaluru



Annexure-1

M/s. Columbia Asia Referral Hospital- Yeshwanthpur

MONTH WISE GENERATION OF BIO-MEDICAL WASTE FOR THE YEAR 2019

For the period from 01-01-2019 to 31-12-2019

Month & Year	Cat,1,3,5 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-2019	2730	510	2575	89
February-2019	1533	468	1407	94
March-2019	2009	256	2023	190
April-2019	3270	269	2751	248
May-2019	4575	363	3250	129
June-2019	3044	385	2448	115
July-2019	4176	468	3476	165
August-2019	4006	447	3098	159
September-2019	2634	380	2343	175
October-2019	3695	543	3064	114
November-2019	2925	385	2445	100
December-2019	3445	485	3838	178
TOTAL	38042 Kg's	4959 Kg's	32718 Kg's	1756 Kg's

Rohit

