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COLUMBIA ASIA

DATED: 24/02/2021

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

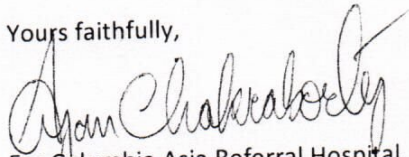
Dear Sir,

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

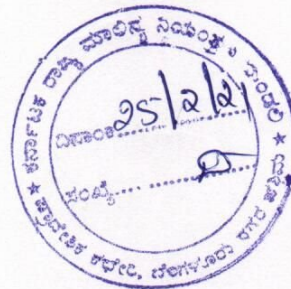
Herewith we are submitting the Bio-medical waste annual returns in **Form – IV (See Rule 13)** for the year **2020 from 01.01.2020 to 31.12.2020**, towards the generation of biomedical waste along with disposal details as per BMW Rules.

Kindly acknowledge the receipt of the same.

Yours faithfully,


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

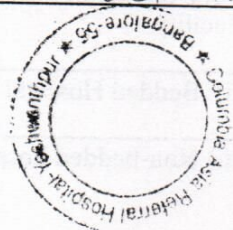
Form - IV
(See rule13)
ANNUAL REPORT

[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)]

year - 2020.

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	Mr. Rahul Tewari General Manager
	(ii) Name of <u>HCF</u> or CBMWTF	:	Columbia Asia Referral Hospital.
	(iii) Address for Correspondence	:	# 2614, Brigade Gateway Beside Metro Mall, Malleshwaram
	(iv) Address of Facility	:	West, Yeshwanthpur Bengaluru - 560055
	(v) Tel. No, Fax. No	:	080-61656262
	(vi) E-mail ID	:	ayan.c@Columbiaindia hospital.com.
	(vii) URL of Website	:	www.columbiaasia.com.
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	(State Government or <u>Private</u> or Semi Govt. or any other) <input checked="" type="checkbox"/>
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No. KSPCB/84/BMW 2017/Reg.No. 148434 H-629.....valid 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	:	Multispecialty Hospital.
	(i) Bedded Hospital	:	No. of Beds:..... 160 Beds.
	(ii) Non-bedded hospital	:	

	(Clinic or Blood Bank or Clinical Research Institute or Veterinary Hospital or any other)	Laborator or	— 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 2966 kg/month Red Category : 2380 kg/month White: 84.5 kg/month Blue Category : 286.5 kg/month (Glass) General Solid waste: Wet & Dry - 100 kg/day
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage facility	:	Size : 29' x 11' Capacity : can store up to 190.5 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>u</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>u</i>																																																
(vii) List of member HCF not handed over bio-medical waste.		—																																																
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</i>																																																

	(ii) number of personnel trained		250 members
	(iii) number of personnel trained at the time of induction		For all department staff & new Joiners we conduct training
	(iv) number of personnel not undergone any training so far		about- B.M.W. i.e. Nurses, House keeping
	(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?		provided LWTP 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 -

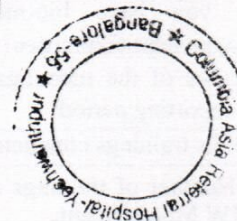
Certified that the above report is for the period from

01-01-2020 TO 31-12-2020

.....

 Name and Signature of the Head of the Institution

Date: 24-02-2021
 Place Bangalore.



Annexure-1

M/s. Columbia Asia Referral Hospital- Yeshwanthpur

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

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

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-2020	3082	176	3392	156
February-2020	3265	190	3543	149
March-2020	2692	260	2832	88
April-2020	1971	130	2222	42
May-2020	2565	119	2693	93.5
June-2020	2886	151	3123	111
July-2020	3004	290.5	436	88
August-2020	3200.5	396	1856	83
September-2020	4055	490.5	1889	57
October-2020	3567	535	2345	69
November-2020	2966.5	418	1998	44
December-2020	2343.5	282	2234	35
TOTAL	35597.5 Kg's	3438 Kg's	28563 Kg's	1015.5Kg's

