

Date: 22/01/2020

TO,  
ENVIRONMENTAL ENGINEER,  
POLLUTION CONTROL BOARD,  
PATIALA – 147001.

SUBJECT: Submission of annual biomedical report (form IV) for the period of 01/01/2019  
to 31/01/2019.

Dear Sir,

Please find the enclosed biomedical annual report form IV for the period of 01/01/2019  
to 31/12/2019 along with total garbage collection report, trainings conducted to the staff  
details at COLUMBIA ASIA HOSPITAL, PATIALA – 147001 during above mentioned time  
period.

Thanks & Regards,

Gurkirat,

General Manager,

Columbia Asia Hospital,

Patiala – 147001.



**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)	:	Columbia Asia Hospital PVT Ltd.
	(ii) Name of HCF or CBMWTF	:	BHUPINDRA ROAD NEAR PHATAK NO-82 PATIALA
	(iii) Address for Correspondence	:	SAME AS ABOVE
	(iv) Address of Facility		
	(v) Tel. No, Fax. No	:	Gurkirat.S@ColumbiaIndiahosp
	(vi) E-mail ID	:	itald.com
	(vii) URL of Website		
	(viii) GPS coordinates of HCF or CBMWTF		
	(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.: BMH/PTA/2019/10026764 .....valid up to 31/03/2023
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: Water - CTBW/PTA/2019/10025741 AIR - PTA/2018/8510151
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds:..... 80
	(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		
3.	Details of CBMWTF	:	NA
	(i) Number healthcare facilities covered by CBMWTF	:	
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day

	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	_____ Kg/day																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	<table border="1"> <tr> <td>Yellow Category</td><td>: 685.28</td></tr> <tr> <td>Red Category</td><td>: 493.50</td></tr> <tr> <td>White:</td><td>35.33</td></tr> <tr> <td>Blue Category</td><td>: 589.01</td></tr> <tr> <td>General Solid waste:</td><td></td></tr> </table>	Yellow Category	: 685.28	Red Category	: 493.50	White:	35.33	Blue Category	: 589.01	General Solid waste:																																							
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5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																	
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	(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:			
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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.)																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste :																																																	
	(v) Details of incineration ash and ETP sludge generated and disposed	<table border="1"> <tr> <th>Quantity generated</th><th>Where disposed</th></tr> <tr> <td></td><td></td></tr> </table>	Quantity generated	Where disposed																																														
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	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Medicare Environment Management Pvt Ltd
	(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	Yes
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	45
	(ii) number of personnel trained	416
	(iii) number of personnel trained at the time of induction	82
	(iv) number of personnel not undergone any training so far	NIL
	(v) whether standard manual for training is available?	Yes
	(vi) any other information)	
8	Details of the accident occurred during the year	/
	(i) Number of Accidents occurred	
	(ii) Number of the persons affected	
	(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?	NA
	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?	STP Installed
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?		
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from 18<sup>th</sup> Jan'2019 to 31<sup>st</sup> Dec'2019

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.....  
.....

Name and Signature of the Head of the Institution

Date:  
Place Patiala

BIO MEDICAL WASTE COLLECTION DETAILS FROM JAN-2019 TO DEC-2019

S.NO	GARBAGE COLOR CODE	Jan '19	Feb '19	Mar '19	Apr'19	May'19	Jun '19	Jul '19	Aug '19	Sep'19	Oct'19	Nov'19	Dec'19	Total	Average
1	RED GARBAGE	467.21	437.48	573.23	511.69	499.01	439.66	514.57	472.8	458.45	468.41	507.2	572.31	5922.02	493.5017
2	YELLOW	674.61	694.48	687.96	667.52	677.61	639.22	686.75	695.08	725.4	670.08	707.48	697.11	8223.3	685.275
3	White	483.85	579.13	617.04	588.76	570.94	500.64	574.62	670.49	778.9	537.29	587.94	578.53	7068.13	589.0108
4	White PPC	21.43	35.26	28.86	27.15	36.75	31.02	41.17	47.18	36.79	34.36	41.52	42.41	423.9	35.325

\*NOTE: ABOVE MENTIONED TOTALS ARE ON KG.