



Ivy Hospital

SUPER-SPECIALITY HEALTHCARE
Nawan Shahr. Chandigarh Road,
SBS NAGAR, PUNJAB
Ph.: 01823-285844, 75084-02020

Ivy/2024/05/13

Date: 21.5.2024

To,

Environmental engineer

Punjab pollution Control Board,

Hoshiarpur.

Sub: Regarding submission of Annual Biomedical waste Report (1st Jan 2023 to 31st Dec 2023)

Dear Sir,

On behalf of Ivy hospital Nawanshahr (Ivy Healthcare Infrastructure Pvt. Ltd.), this is to inform you that we are submitting hard copy of Annual Biomedical waste Report (1st Jan 2023 to 31st Dec 2023).

Enclosure attached is:

Attested copy of **Annual Biomedical waste Report (1st Jan 2023 to 31st Dec 2023)**

Minutes of meeting Biomedical Waste Committee

Thanks & Regards


Mr. Laiguzzama Ansari
GM-Operations

Ivy hospital Nawanshahr

21.5.2024

FOR OPD / DISCHARGE SUMMARY / BILLING PURPOSE ONLY

www.ivyhospital.com
Ambulance: 75087-02020

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)]

1st Jan 2023 - 31st Dec 2023

Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	MR. LAIQUZZAMA ANSARI
	(ii) Name of HCF or CBMWTF	:	IVY HEALTHCARE INFRASTRUCTURE PVT. LTD.
	(iii) Address for Correspondence	:	OPP. A.S RESORT, CHANDIGARH ROAD, NSR.
	(iv) Address of Facility	:	IVY HOSPITAL, NAWANSHAHR
	(v) Tel. No, Fax. No	:	01823 - 285844
	(vi) E-mail ID	:	Laiquzzama.ansari@ivyhospital.in
	(vii) URL of Website	:	www.ivyhospital.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 limited (Corporate)
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: BMW/Renewal/NWS/2023/ 21406033valid up to 31/3/2025
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: water - 31/3/2029 Air - 31/3/2025
2.	Type of Health Care Facility	:	Super speciality
	(i) Bedded Hospital	:	No. of Beds: 150
	(ii) Non-bedded hospital	:	NA

	Laborator (Clinic or Blood Bank or Clinical y Research Institute or Veterinary Hospital or any other)		or	NA
	(iii) License number and its date of expiry			Bmw/Renewal/nws/2023/ 21406033 (31/3/2025)
3.	Details of CBMWTF		:	
	(i) Number healthcare facilities covered by CBMWTF		:	-
	(ii) No of beds covered by CBMWTF		:	-
	(iii) Installed treatment and disposal capacity of CBMWTF:		:	NA Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		:	NA Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		:	Yellow Category : 504.9 Kg Red Category : 657.4 Kg White: 10.68 Kg Blue Category : 473.2 Kg General Solid waste: 2,761 Kg
5	Details of the Storage, treatment, transportation, processing and Disposal Facility			
	(i) Details of the on-site storage facility	:	Size	Red - 5 Ft x 6.6 Ft x 8 Ft. Yellow - 7 Ft x 5.8 Ft x 9 Ft. Blue - 6.8 Ft x 4 Ft x 7.6 Ft. Autoclave - 6.6 Ft x 4 Ft x 7.9 Ft.
			Capacity:	single rooms for all category of waste (mentioned above)
			Provision of on-site storage any other provision)	separate rooms for each waste category & ventilation provision.

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 per annum</td> </tr> <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>1</td> <td>67.1 kg/day</td> <td>2013 kg/annum</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>25 (0.35 kg/day)</td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> <td>122 kg/annum</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 colspan="3">ETP & STP Plant</td> </tr> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed per annum	Incinerators				Plasma Pyrolysis				Autoclaves	1	67.1 kg/day	2013 kg/annum	Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer			25 (0.35 kg/day)	Sharps encapsulation or concrete pit			122 kg/annum	Deep burial pits:				Chemical disinfection:				Any other treatment equipment:	ETP & STP Plant		
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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.) NA																																																
(iv) No of vehicles used for collection and transportation of biomedical waste	:	1 waste collection trolley (in house collection) Four wheeler (Biomedical waste treatment plant Pvt. Ltd, Pangoli) - outside transportation																																																
(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>STP+ ETP Sludge</td> <td>244 kg</td> <td>Sludge lift to Nimbua. water used for plantation</td> </tr> </table>		Quantity generated	Where disposed	Incineration Ash	-	-	STP+ ETP Sludge	244 kg	Sludge lift to Nimbua. water used for plantation																																							
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(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of		Bio medical waste Treatment Plant (Backside) Pvt. Ltd (Pangoli, Athankot)																																																
(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. Bmw related points are discussed in Infection Control Committee meeting on monthly basis.																																																
7 Details trainings conducted on BMW																																																		
(i) Number of trainings conducted on BMW Management.		Every month Biomedical waste trainings are ongoing for all clinical & Para clinical staff. Hk & GPR also included in these training classes.																																																

	(ii) number of personnel trained	211
	(iii) number of personnel trained at the time of induction	All hospital staff Every month induction trainings are done.
	(iv) number of personnel not undergone any training so far	NA
	(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	NO
	(ii) Number of the persons affected	NO
	(iii) Remedial Action taken (Please attach details if any)	NA
	(iv) Any Fatality occurred, details.	NA
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	NO
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	STP & ETP Liquid waste disposed off to irrigation of plants backside. NO, non compliance reported.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes.
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from

1st Jan 2023 to 31st December 2023

Name and Signature of the Head of the Institution



Date: 16/5/2024
Place: Nawanshahr.



Ivy Hospital

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IVY HOSPITAL NAWANSHAHR

BIOMEDICAL WASTE COMMITTEE MEETING

Date: 24 January 2024

Time: 2:30 pm

Venue: Conference room

The BMW committee members are as follows:

MS: Chairperson

GMO

ICO

Manager Facilities

Head Nursing

ICN

Quality Executive

Link Nurses

Frequency of meeting:

The BMW Committee meets on six monthly and bio medical waste management is the fixed agenda of every infection control committee meeting.

Sr. No.	Agenda/ Subject	Discussion	Responsibility	Remarks
1.	Needle cutter issue	Needle cutters parts are purchased and received. Will be changed by Maintenance deptt. on all floors.	Facility/ Maintenance	
2.	Increase in quantity of Biomedical waste per day as per 150 beds	BMW waste license will be updated. Quantity of waste to be disposed per day will be increased as per current data uploaded each month.	Facility/ Chief liaison officer/ Quality	Necessary documents will be shared with liaisoning officer.
3	BMW treatment plant visit	Six monthly visit is mandatory for outsource facilities.	ICN/Facility/Quality	Visit done on 12.8.2023.

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4	Lack of awareness on Biomedical waste segregation	Trainings are being conducted on frequent basis to made staff aware about Biomedical Waste management rules as per PPCB guidelines.	In charges/ICN/ Facility/ DNS	
5	Hepatitis B vaccination	Vaccination for compliance for Hep. B is 100%	ICN	Compliance maintained.
6	Tetanus vaccination compliance	Tetanus vaccination started for all HK staff as per new instructions received. Few employees are pending.	Facility/ ICN	100 % Compliance to be achieved. ICN should screen & vaccinate pending employees.
7	NSI Prevention Strengthening	Total 2 NSI cases reported in HK staff while handling BMW. Waste to be disposed of by staff on duty only. HK & GDA's are strictly prohibited from discarding BMW. Frequent training are being done on this.	ICN	HK & GDA's to use tong or other thing to cross check bins/ bags. Gloves to be worn while handling waste.
8	BMW waste audits compliance	Few areas have BMW mixing present. Daily reports are shared with concerned department on Whats app if mixing is found out.	ICN/ Facility	Frequent rounds to taken to ensure compliance.



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IVY HOSPITAL NAWANSHAHR

BIOMEDICAL WASTE COMMITTEE MEETING

Date: 10 July 2023

Time: 3:30 pm

Venue: Conference room

The BMW committee members are as follows:

MS: Chairperson

GMO

ICO

Manager Facilities

Head Nursing

ICN

Quality Executive

Link Nurses

Frequency of meeting:

The BMW Committee meets on six monthly and bio medical waste management is the fixed agenda of every infection control committee meeting.

Sr. No.	Agenda/ Subject	Discussion	Responsibility	Remarks
1.	Needle cutter issue	Needle cutters are jammed and not working properly. Rust present.	Facility/ Purchase	Needle cutters will be changed/ purchased as per decision from Mohali unit.
2.	Ventilation needed in Waste management rooms	Exhaust fans will be installed in each category of waste room to ensure proper ventilation of area.	Maintenance/ Purchase	Exhaust fans will be installed after approval.
3.	MoU Changed with new Vendor	MoU for lifting up of biomedical waste is changed. Now Biomedical waste treatment plant, Pangoli,	Facility	

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Ivy Hospital	Pathankot will lift BMW on daily basis.			
4.	BMW treatment plant visit	Six monthly visit is mandatory for outsource facilities.	ICN/Facility/Quality	in next month to check the working process of new plant.
5.	Lack of awareness on Biomedical waste segregation	GDA's and HK's are discarding biomedical waste sometimes, which result in Biomedical waste mixing. In charges are strictly instructed that waste will be disposed by generator only on daily basis.	In charges/ICN/Facility/ DNS	HK & GDA's are strictly prohibited from discarding BMW. Frequent training are being done on this.
6.	Hepatitis B vaccination	Compliance to Hepatitis B vaccination is not 100%.	ICN	ICN should ensure that all new joiners and due employees are covered 100 % for hepatitis B vaccination.
7	Starting of Tetanus vaccination of HK as per new company instructions in view of risk for NSI while handling BMW.	Tetanus vaccination will be done for all HK staff as per new instructions received.	Facility/ ICN	
8.	NSI Prevention Strengthening	Total 7 NSI cases reported from Jan to June 23. Waste to be disposed of by staff on duty only.	ICN	Frequent training on NSI prevention to be done by ICN every month along with OJT's.
9.	BMW waste audits compliance	Biomedical waste mixing is reduced to much extent in all areas. Daily round by ICN/ Facility/ Quality is being done to ensure the same. Daily reports are shared with concerned department on Whats app if mixing is found out.	ICN/ Facility	Frequent rounds to taken to ensure compliance.

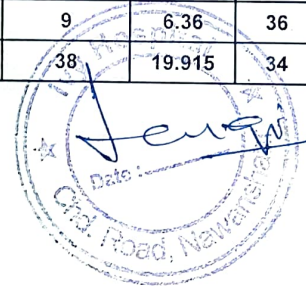


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IVY HOSPITAL, NAWANSHAHR
Biomedical waste report

Serial No.	Month	Yellow category		Red category		Cytotoxic/ yellow Category		White Category(Sharp)		Blue Category (Card Board box with Blue Strip)	
		Total Bags	Total Weight	Total Bags	Total Weight	Total Bags	Total Weight	Total Containers	Total Weight	Total Boxes	Total Weight
		1	Jan-23	147	626.715	288	664.62	0	0	8	6.825
2	Feb-23	126	586.186	225	597.505	0	0	6	6.28	77	632.761
3	Mar-23	174	569.455	231	722.285	0	0	26	23.13	86	698.34
4	Apr-23	153	369.725	196	452.168	0	0	12	6.404	72	480.589
5	May-23	152	422.16	251	619.163	0	0	14	7.608	72	518.184
6	Jun-23	192	480.681	263	534.051	0	0	18	6.837	79	626.138
7	Jul-23	162	484.575	293	759.495	0	0	9	5.48	59	392.325
8	Aug-23	186	469.11	274	749.175	0	0	20	9.005	39	297.128
9	Sep-23	178	491.215	261	701.945	0	0	25	11.835	50	351.635
10	Oct-23	190	551.79	243	763.1	0	0	16	18.495	45	276.99
11	Nov-23	194	539.015	266	719.764	0	0	9	6.36	36	315.325
12	Dec-23	169	468.38	266	605.54	0	0	38	19.915	34	364.465


 Date: _____
 Chandigarh Road, Nawan Shahr