



SHREE AGGARSAIN INTERNATIONAL HOSPITAL

Managed by : Shree Aggarsain North-Ex. Welfare Society (Regd.)

o/c



SAIH/COO/BMW/FEBRUARY/2023/03

Dated: 17/02/2023

To

Senior environment Engineer
WMC-I, DPCC
Dept. of Environment,
4th & 5th Floor, ISBT Building
Kashmiri Gate
Delhi-110006

(ENQUIRY SOLUTIONS)
17/02/2023
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

**Subject: - Submission of Form-IV, Annual Report of Bio-Medical Waste Management
(of COVID WASTE) for the year 2022.**

Dear Sir /Madam

Please be informed that "Shree Aggarsain International Hospital" (managed by "Shree Aggarsain North Ex Welfare Society -Regd.) is a multi-services tertiary care hospital and is situated at P.S.P., Sector-22, Rohini, Delhi-110086.

Please find enclosed the Form-IV, Annual Report of Bio Medical Waste Management
(of COVID WASTE) for the year 2022.

Yours Sincerely

For Shree Aggarsain International Hospital

Dr. Mamta Jain
Chief Operating Officer

Dr. MAMTA JAIN
MD, PGDGM (Medical Administrator, Physician & Geriatrician)
PGDBM (MIT-USA), Exe. MBA (IIMC), MBA (HCS),
PGDMLS, PGDHHM, PGQMAHO
CHIEF OPERATING OFFICER (Medical)
DMC No.- 6487
Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086
Enclosures: As above

Form - IV (See rule 13)

ANNUAL REPORT

of Biomedical Waste Management
of COVID WASTE for the year 2022

[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. Mamta Jain Chief Operating officer

(ii)	Name of HCF or CBMWTF	Shree Aggarsain International Hospital
(iii)	Address for Correspondence	PSP, Rohini-22, Delhi-110086
(iv)	Address of Facility	PSP, Rohini-22, Delhi-110086
(v)	Tel. No, Fax, No	011-45911911, 011-6663
(vi)	E-mail ID	COO@sah.in
(vii)	URL of Website	www.sah.in
(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)
(x)	Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No.: DPCC/BMW/AUTH/NEW No. /2019/04646 (Annexure No. 1) valid up to 08/08/2023
(xi)	Status of Consents under Water Act and Air Act	Valid up to: 08/08/2023, Consent to operate (Annexure No. 2) Order No: DPCC/WMC/2019/48089

2.	Type of Health Care Facility	
(i)	Bedded Hospital	No. of Beds: 102 (Annexure No. 3)
(ii)	Non-bedded hospital	
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	Not Applicable
(iii)	License number and its date of expiry	DHS/NH/1489. Valid up to 31/3/2024 (Annexure No. 3)

3.	Details of CBMWTF	Not Applicable
(i)	Number healthcare facilities covered by CBMWTF	-
(ii)	No of beds covered by CBMWTF	-
(iii)	Installed treatment and disposal capacity of CBMWTF:	Kg/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)	Yellow Category : 30.38 Kg/month (Avg.) Red Category : 42.58 Kg/month (Avg.) White: 1.7 Kg/month (Avg.) Blue Category : 10.65 Kg/month (Avg.) General Solid waste: 13450.47 Kg/month (Avg.)
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(i) Details of the on-site storage		Size : 191.34 sq. feet
Capacity		765.36 cubic feet
Provision of on-site storage (cold storage or any other provision)		Well ventilated and illuminated on-site storage available

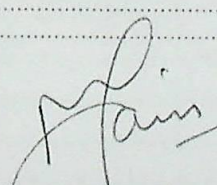
Dr. MAMTA JAIN COVID BIOMEDICAL WASTE
GDCM (Medical Administrator, Physician & Geriatrician)
DBM (MIT-USA), Exe. MBA (IIMC), MBA (HCS),
PGDMLS, PGDHH, PGDIAHO
CHIEF OPERATING OFFICER (Public Health)
DMC No. 648
Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086
Exclusively for COVID Biomedical waste storage)

disposal facilities	Type of treatment equipment	No of units Cap acity Kg/day Quantity treated or disposed in kg per annum
	Incinerators N/A Plasma Pyrolysis N/A Autoclaves → 01 → 100 kg/day → 193.85 kg/annum Microwave N/A Hydroclave N/A Shredder N/A Needle tip cutter or destroyer] N/A - Sharps encapsulation or concrete pit] N/A - Deep burial pits: N/A Chemical disinfection:] N/A - Any other treatment equipment:] N/A	(Used exclusively for COVID waste)
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.) Not Applicable	
(iv) No of vehicles used for collection and transportation of biomedical waste	Not Applicable	
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	Quantity Where generated disposed Incineration Ash] - Not Applicable ETP Sludge: 38,190 kg (for the year 2022)	
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Biotic Waste Solutions 46, 47, SSI Industrial Area G.T. Karnal Road, Delhi-110033	
(vii) List of member HCF not handed over bio-medical waste.	Not Applicable	
6 Do you have bio-medical waste Management committee? If yes, attach minutes of the meetings held during the reporting period.	Yes, Minutes of meeting attached (Annexure No. 4)	

DR. NAMTA JAIN
 MD, PGDMM (Medical Administrator, Physician & Geriatrician)
 PGDBM (MIT-USA), Exe. MBA (HMC), MBA (HCS),
 PGDMLS, PGDHHM, PGQMAHO
 CHIEF OPERATING OFFICER (Medical)
 DMO No - 6487
 Shree Aggarwain International Hospital
 Sector-22, Rohini, Delhi-110086

7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management		72
	(ii) number of personnel trained		1021
	(iii) number of personnel trained at the time of induction		132
	(iv) number of personnel not undergone any training so far		Nil
	(v) whether standard manual for training is available?		Yes
	(vi) any other information)		Not Applicable
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred		Nil
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please attach details if any)		Not Applicable
	(iv) Any Fatality occurred, details.		Not Applicable
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?		Not Applicable
	Details of Continuous online emission monitoring systems installed		Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		Liquid waste generated (Jan'2022-Dec'2022) - 18041.18 LSL Treatment methods in place - ETP & STP No. of times not met the standards - NIL
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. No. of times not met the standards - NIL
12	Any other relevant information		(Air Pollution Control Devices attached with the Incinerator) Not Applicable

Certified that the above report is for the period from
 01st January, 2022 to 31st December, 2022

Name and Signature of the Head of the Institution

 Dr. MAMTA JAIN
 MD, PGDGM (Medical Administrator, Physician & Geriatrician)
 PGDBM (MIT-USA), Exe MBA (HMC), MBA (HCS),
 PGDMLS, PGDHHM, PGQMAHO
 CHIEF OPERATING OFFICER (Medical)
 DMC No. - 6427
 Shree Aggarsain International Hospital
 Sector-22, Rohini, Delhi-110086

Date:
 Place:



DELHI POLLUTION CONTROL COMMITTEE
(Government of N.C.T. of Delhi)
4th Floor, I.S.B.T. Building, Kashmir Gate, Delhi - 110006
Website: <http://www.dpcc.delhi.govt.nct.ni>

For bedded Hospitals

AUTHORISATION UNDER BIO MEDICAL WASTE MANAGEMENT RULES, 2016

FORM III

(Authorisation for operating a facility for Collection, Reception, Treatment, Storage, Transport and Disposal of Bio-Medical Wastes.)

BMW Authorisation No. DPCC/BMW/AUTH/NEWN/2019/04846

- 1. File number of authorisation : DPCC/(11)(5)(376)/006/BMW-11 Date: 19/04/2019
- 2. M/s SHRI AGRABEN NORTH EX WELFARE SOCIETY an occupier of the facility is hereby granted authorisation for Generation, segregation, Collection, Storage of biomedical waste located at PLOT NO PSP SEC-22 ROHINI New Delhi - 110085 and for transport, treatment and disposal of bio-medical waste through common Bio-Medical Waste Treatment Facility (CBMWTF) authorized by Delhi Pollution Control Committee.
- 3. Number of beds of HCF : 455
- 4. Quantity of Biomedical waste : 171 Kg/Day
- 5. This authorization shall be valid upto 01-04-2023
- 6. This authorisation is subject to the conditions stated below* and to such other conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986

*** Terms and conditions of authorisation**

1. The occupier shall comply with the provisions of Bio-Medical Waste Management Rules, 2016 as amended to date.
2. The authorization or its renewal shall be produced for inspection at the request of any officer authorized by DPCC.
3. The occupier shall ensure that bio-medical waste is not mixed with other wastes and is segregated into containers / bags at the point of generation in accordance with Schedule-I (part I).
4. The occupier shall have a valid agreement with the operator of a facility authorized by DPCC for collection, transport, treatment & disposal of the bio-medical waste.
5. The Occupier shall hand over the bio-medical waste daily to the authorized operator of a facility duly segregated, labeled, tagged and kept in proper containers for the collection, transportation, treatment & disposal as per Rules.
6. The occupier shall inform the prescribed authority immediately in case the operator of facility does not collect the bio medical waste within the intended time or as per the agreed time.
7. The occupier shall maintain records of the Bio-Medical Waste generated and disposed off handed over on daily basis. The records shall be made available, for inspection & verification, to any officer authorized by DPCC.
8. In case of any major accident involving Bio-Medical Waste, the occupier shall report the accident in Form-I, prescribed under the Rules, to DPCC.
9. In case the occupier is having a DO Set, he shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment and Forest (MOEF), Government of India Dated 17.05.2002 and 12.07.2004, as amended to date, for the Dead Generator Set(s). Stack height with the DO Set shall be as per the following formula, H is equal to b plus (0.2 X square root of KVA) where H is Total Height of stack in meter, h is Height of the building in meters where the Generator Set is installed and KVA is Total Generator capacity of the set in KVA).
10. The occupier shall also ensure proper collection and disposal of bio-medical waste containing mercury through the vendor authorize for the purpose. The occupier shall phase out mercury based equipment e.g. thermometers and B.P. Measuring Equipment.
11. The HCF shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDS Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal.
12. The HCF shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other effluent generated from the facility.
13. The HCF shall ensure treatment and disposal of liquid waste in accordance with the standards prescribed in Bio-Medical Waste Management Rules, 2016 as amended to date.
14. The HCF is required to display the authorization at a prominent place in its premises so that the general public can view and satisfy themselves.
15. The HCF shall phase out use of chlorinated plastic bags & gloves etc. by 27th March, 2019 as per Notification dated 16th March, 2018 published by MOEF&CC.
16. The HCF shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises for the further treatment & disposal in accordance with the guidelines issued by CPCB by 27th March, 2019.
17. The HCF shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other effluent generated from the facility.
18. The HCF shall employ all its health care workers and others, involved in handling of bio-medical waste (for protection against diseases) in accordance with the guidelines of the Ministry of Health & Family Welfare issued from time to time.
19. The HCF shall ensure occupational safety of all its health care workers & others involved in handling of bio-medical waste by providing appropriate personal protective equipment.
20. The HCF shall ensure health check-up at the time of induction & at least once in a year for all its health care workers & others involved in handling of bio-medical waste & shall maintain records for the same.

Dr. Manoj Kumar
 MD, PGDGM (Medical Adm), PGOBM (MIT-USA), EMB, PGDMLS, PGDMLT, PGDMLT (Medical), CHIEF OPERATING OFFICER (HCF), DMC NO. 10088, Shree Aggarwal Hospital, Sector-22, Rohini, Delhi-110088

Delhi Pollution Control Committee

4th & 5th Floor, ISBT Building, Kashmir Gate, Delhi - 110006.

Website : <http://dpcc.delhigovt.nic.in>

CONSENT ORDER

Certificate No. R-036283

Name of the Unit : SHRI AGRASEN NORTH EX WELFARE SOCIETY

Address : PLOT NO PSP SEC-22 ROHINI, Delhi-110085

Consent Order No : DPCC/WMC/2019/48089

Date of Issue : 19-04-2019

Product/Activity : HOSPITAL (455 BEDS)

Expiry Date : 08-08-2023

This Consent to Operate is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under Red Category. This consent is subject to terms and conditions specified overleaf.

M/s DPCC has done the analysis vice report dated as 07-08-2018 follows
pH=7.3, Total Suspended Solids (TSS)=40, Oil and Grease=1.6, Bio-chemical oxygen demand (3days at 27^oC)=29, COD=84, Bio - assay test (percent survival of fish after 96 hours in 100 percent effluent)=90

Prescribed standards
pH = 6.5-9, Total Suspended Solids (TSS) <= 100, Oil and Grease <=10, Bio-chemical oxygen demand [3days at 27^oC]<= 30, COD <= 250, Bio - assay test (percent survival of fish after 96 hours in 100 percent effluent) = 90-100

All effluent parameters are in mg/l except pH value.
All emission parameters are in (mg/Nm³) except where mentioned otherwise

This document has been verified by Amit Chaudhary, EE

Dr. MAMTA JAIN
MD PGDGM (Medical Administrator, Physician & Geriatrician)
PGDGM (HCS) Exe. MBA (IMC), MBA (HCS)
PGDGM (HCS) Exe. MBBCh (D) (Medical)
CHIEF OPERATING OFFICER (Medical)
DMC No - 6487
Shree Aggarsain International Hospital
Sector 22, Rohini, Delhi-110086

DIRECTORATE GENERAL, OF HEALTH SERVICES
GOVERNMENT OF NCT OF DELHI
F-17, KARKARDOOMA, SHAHDARA, DELHI-110032

Reg. No. DGHS/NH/.../1489

Dated : 14.08.2018

Registration Certificate

(Under Section 5 of Delhi Nursing Homes Registration Act, 1953)
For the Period 2018-21

Dr. MAMTA JAIN
MD, PGDGM (Medical Administrator, Physician & Geriatrician)
PGDBM (MIT-USA), Exe. MBA (IIMC), MHA (NCHS),
PGDML, PGDHHM, PGQMAH
CHIEF OPERATING OFFICER (Medical)
DMC No - 6487

It is certified that Shree Aggarwain International Hospital
P.S.D. Sector-22, Rohini, Delhi-110086
is being run by Shree Aggarwain North Ex Welfare Society (Regd.) has been registered under
Delhi Nursing Homes Registration Act, 1953 and is authorized to carry out the permitted nursing home activities at
the above said premises.

This registration certificate is valid upto 31st March, 2021

Director General Health Services
Govt. of NCT of Delhi

Handwritten signature



श्री अग्रसेन इन्टरनेशनल हॉस्पिटल Shree Aggarsain International Hospital

Managed by : Shree Aggarsain North Ex. Welfare Society (Regd.)



Meeting No : 08

Date of Meeting : 1st September 2022

Location : Future ICU

Time: 12:30 PM to 01:30 PM

Biomedical Waste Management Committee Chairman: Dr. Deep Kamal

• Attendees & Distribution: List Enclosed

MINUTES OF MEETING: Bio Medical Waste Management Committee (BMWMC)

Minutes of Meetings are to be used to minimize correspondence. Everyone is requested to use minutes of meetings as a working document/ checklist and ensure that action has taken or not.

S. No.	Agenda & Action Summary	Action to be Taken	Responsibility	Closing Date	Sta s
1.	The meeting was introduced by Dr. Deep Kamal and Dr Swastika Agarwal gave introduction about the purpose of Bio Medical Waste Management Committee and importance of meeting. Action taken report of previous meeting was discussed.				
2.	Heavy Duty Gloves, Gown and covered shoes are not available in common biomedical waste storage area.	Infection Control Officer will make necessary arrangements for the same.	Infection Control Officer	30 th September 2022	OP
3.	Quality manager informed that spill management protocol and Needle Stick Injury Management Protocol is not displayed in common biomedical waste storage area.	Infection Control Nurse will get the protocol displayed at the location.	Infection Control Nurse	30 th September 2022	OP

Nutan
Prepared by: Ms Nutan
Infection Control Nurse

Dr. Manoj Kumar
Dr. Manoj Kumar
MD, PGDGM (Medical Administrator, Physician & Geriatrician)
PGDBM (M. USA), Exe. MBA (HMG), MBA (HCS),
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Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi

Dr. Swastika Agarwal
Proof Read by: Dr. Swastika Agarwal
Committee Secretary

Dr. Deep Kamal
Authorized & Approved by: Dr Deep Kamal
Committee Chairperson