



श्री अग्रसेन इन्टरनेशनल हॉस्पिटल

संचालक :

श्री अग्रसेन नॉर्थ-एक्स वेल्फेयर सोसायटी (पंजी.)

पी.एस.पी., सेक्टर-22, रोहिणी, दिल्ली-110086

Shree Aggarsain International Hospital

Managed by :

Shree Aggarsain North-Ex Welfare Society (Regd.)

P.S.P., Sector-22, Rohini, Delhi-110086

Phone : 011-66636600-99 , 011-45911911 | E-mail : info@saih.in | Website : www.saih.in

SAIH/MS/BMW/FEBRUARY/2021/2

Dated: 12/02/2021

To

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

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(ENDORSEMENT)
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 for the year 2020.

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 for the year 2020.

Yours Sincerely

For Shree Aggarsain International Hospital

[Handwritten signature]

Dr. Deep Kamal
Medical Superintendent
DR. DEEP KAMAL
MBBS, MD (CHA)
Medical Superintendent
Shree Aggarsain International Hospital

Enclosures: As above

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. Deep Kamal Medical Superintendent
	(ii) Name of HCF or CBMWTF	Shree Aggarwal 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	011-45311911, 011-66636600
	(vi) E-mail ID	ms@saah.in
	(vii) URL of Website	www.saah.in
	(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.: DPCC/BMW/AUTH/NEW No. 12019/04646 (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: 50 (Annexure No. 3)
	(ii) Non-bedded hospital	Not Applicable
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	
	(iii) License number and its date of expiry	DGMS/NH/1489. Valid upto 31/03/2021 (Annexure No. 3)
3.	Details of CBMWTF	Not Applicable (Annexure No. 3)
	(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 : 1079.09 Kg/month (Avg) Red Category : 1168.42 Kg/month (Avg) White: 23.59 Kg/month (Avg) Blue Category : 216.88 Kg/month (Avg) General Solid waste: 7232.49 Kg/month (Avg)
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	
	(i) Details of the on-site storage facility	Size : 530 sq. feet Capacity : 137.56 cubic meter Provision of on-site storage : (cold storage or any other provision) well ventilated and illuminated on-site storage available

disposal facilities		<p>Type of treatment equipment</p> <p>No of units</p> <p>Cap acity Kg/day</p> <p>Quantity treated or disposed in kg per annum</p> <p>Incinerators N/A</p> <p>Plasma Pyrolysis N/A</p> <p>Autoclaves → 03 → 300 kg/day → 2506.89 kg/annum (Each autoclave of 100 kg/day capacity)</p> <p>Microwave N/A</p> <p>Hydroclave N/A</p> <p>Shredder N/A</p> <p>Needle tip cutter or destroyer 15 → 15 kg/day → 283.38 kg/annum (Each Needle tip cutter of 1 kg/day capacity)</p> <p>Sharps encapsulation or concrete pit N/A</p> <p>Deep burial pits: N/A</p> <p>Chemical disinfection: N/A</p> <p>Any other treatment equipment: N/A</p>	
(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		<p>Quantity Where generated disposed Incineration Ash] NOT APPLICABLE</p> <p>ETP Sludge 5.300 kg (for the year 2020)</p>	
(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.		<p>YES</p> <p>MINUTES OF MEETING ATTACHED</p> <p>[Annexure No. 4]</p>	

7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management	46
	(ii) number of personnel trained	759
	(iii) number of personnel trained at the time of induction	41
	(iv) number of personnel not undergone any training so far	NIL
	(v) whether standard manual for training is available?	Yes
8	(vi) any other information	Not Applicable
	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
9.	(iv) Any Fatality occurred, details.	Not Applicable
	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'2020-Dec'2020) - 21160.39 KL 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 2020 to 31st December 2020

Name and Signature of the Head of the Institution

Dr. DEEP KAMAL
MBBS, MD (CHA)
Medical Superintendent
Sri International Hospital

Date: DELHI
Place: 12/02/2021



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/NEWNo/2019/04646

Date: 19-04-2019

1. File number of authorisation : DPCC/(11)(5)(376)/-006/BMW-11
2. M/s SHRI AGRASEN NORTH EX WELFARE SOCIETY an occupier of the facility is hereby granted an authorization 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 08-08-2023
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 with in 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 record 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 DG 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 Diesel Generator Set(s). Stack height with the DG Set shall be as per the following formula, H is equal to h plus $(0.2 \times \text{square root of KVA})$ 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 generated effluent from HCF, if any.
18. The HCF shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis-B & Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunization Policy or 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 & adequate personal protective equipment.
20. The HCF shall conduct 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.



Delhi Pollution Control Committee

4th & 5th Floor, ISET Building, Kashmere Gate, Delhi - 110006
Website : <http://dpcc.delhi.gov.in/cn>

CONSENT ORDER

Certificate No. R-436263

Name of the Unit : SHR AGRASEN NORTH EX WELFARE SOCIETY

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

Consent Order No. : DPCC/MNC/2019/48089

Date of Issue : 19-04-2019

Expiry Date : 08-08-2023

Product/Activity : HOSPITAL (455 BEDS)

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.

As DPCC has done the analysis vide report dated 16-07-2019 for the
pH=7.3, Total Suspended Solids (TSS)=40, Oil and Grease=1.6, Bio-chemical oxygen demand (BOD) at 27^oC=sup-o=4sup-o=25, COD=54, Bio- assay test (percent survival at 18h after 96 hours at 100 percent effluent)=80

Prescribed standards
pH = 6.5-9, Total Suspended Solids (TSS) <= 100, Oil and Grease <= 10, Bio-chemical oxygen demand (BOD) at 27^oC=sup-o=4sup-o=25, COD <= 250, Bio- assay test (percent survival of fish after 96 hours in 100 percent effluent) = 90-100

If A1 effluent parameters are in mg/l except pH value
All effluent parameters are in (mg/l/m³) except where is mentioned otherwise

This document has been verified by Anil Chaudhary, EE

DIRECTORATE GENERAL, OF HEALTH SERVICES GOVERNMENT OF NCT OF DELHI

F-17, KARKARDOOMA, SHAHDARA, DELHI-110032

Reg. No. DGHS/NH/.../1989

Dated : 14.08.2018

Registration Certificate

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

It is certified that Shree Aggarwain International Hospital
P.S.D. Sector-22, Rohini, Delhi-110086 with -50- beds

is being run by Shree Aggarwain North & 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

Just Bil

Director General Health Services
Govt. of NCT of Delhi

SECRETARY

Minutes of meeting

Committee: Bio- Medical waste management committee.

Meeting No: 04

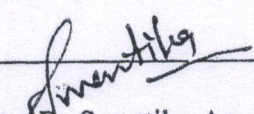
Purpose: Biomedical Waste committee provides a forum for multidisciplinary input and cooperation, and information sharing to recommend and monitor all Biomedical Waste Management related activities in the hospital.

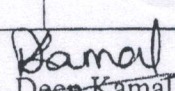
Date of Meeting: 20th March 2020 at 12: 30 pm

Location: Microbiology Laboratory

Attendees & Distribution: Dr. Swastika Agarwal (Secretary)
Mrs. Poonam Sharma (Asst. Secretary)
Dr. Rakesh Sharma
Mrs. Bindu Lukose
Mrs. Pragya Upadhyay
Mrs. Nutan Dubey
Mrs Tanuja Taparia

Action Summary	Recommended	Target Date	Action Taken by
The meeting was introduced by the Dr. Swastika Agarwal to give briefing of previous meeting and the present status of BioMedical Waste Management was discussed.			
Dr Swastika Agarwal informed that champions identified for shadow audit are doing their audits and actions are being taken by ICN to resolve issues find, if any.	-	-	-
Dr Swastika Agarwal told that keeping in mind the Covid- 19 disinfectant used for disinfection of surfaces will be 1% Hypochlorite.	Mrs Tanuja Taparia to brief all Housekeeping supervisors	With Immediate Effect (W.I.E.)	H.K supervisor
Dr Swastika Agarwal informed that sanitization of the facility will be started soon. Whole hospital will be sanitized daily with Hypochlorite.	All HODs to be informed to get it done in their respective areas. ICN will telephonically inform all HODs.	22-03-2020	ICN


Dr Swastika Agarwal
Consultant Microbiology
(Committee Secretary)


Dr. Deep Kamal
Medical Superintendent
(Committee Chairperson)

Minutes of meeting**Committee:** Bio- Medical waste management committee.**Meeting No:** 04**Purpose:** Biomedical Waste committee provides a forum for multidisciplinary input and cooperation, and information sharing to recommend and monitor all Biomedical Waste Management related activities in the hospital.**Date of Meeting:** 19th September' 2020 at 12: 30 pm**Location:** Microbiology Laboratory

Attendees & Distribution: Dr. Swastika Agarwal (Secretary)
 Mrs. Poonam Sharma (Asst. Secretary) *Poonam*
 Dr. Abhmanyu Bhatia *Abhmanyu Bhatia*
 Mrs. Bindu Lukose *Bindu Lukose*
 Mrs. Nutan Dubey
 Mrs Tanuja Taparia *Tanuja Taparia*

Action Summary	Recommended	Target Date	Action Taken by
The meeting was introduced by the Dr. Swastika Agarwal to give briefing of previous meeting and the present status of BioMedical Waste Management was discussed.			
Dr Swastika Agarwal told that guidelines for Covid- 19 waste disposal is properly being followed in hospital and no changes are required right now.	-	-	-

Swastika
 Dr Swastika Agarwal
 Consultant Microbiology
 (Committee Secretary)

Poonam
 Mrs Poonam Sharma
 Quality Manager
 (Committee Asst. Secretary)