



श्री अग्रसेन इन्टरनेशनल हॉस्पिटल

संचालक :

श्री अग्रसेन नॉर्थ-एक्स वेल्फेयर सोसायटी (पंजी.)

पी.एस.पी., सैक्टर-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/2022/1

Dated: 01/02/2022

To

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

01/02/2022
(ENQUIRY COUNTER)
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 NON -COVID WASTE) for the year 2021.**

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 NON -COVID WASTE) for the year 2021.

Yours Sincerely

For Shree Aggarsain International Hospital


Dr. Deep Kamal
Medical Superintendent

Dr. DEEP KAMAL
MBBS, MD (CHA)
Medical Superintendent
Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086
Enclosures: As above

Form - IV (See rule 13)
ANNUAL REPORT

of Biomedical Waste Management
of NON-COVID WASTE for the year
2021.

[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 Aggarwain 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, 011-66636600
	(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: 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 31/03/2024 (Annexure No. 3)
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:	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) of NON-COVID Biomedical waste	Yellow Category : 882.59 Kg/month (Avg.) Red Category : 1275.19 Kg/month (Avg.) White: 32.50 Kg/month (Avg.) Blue Category : 249.44 Kg/month (Avg.) General Solid waste: 7475.13 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	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 → 03 → 300 Kg/day → 1943-2 Kg/annum Microwave N/A Hydroclave N/A Shredder N/A Needle tip cutter or destroyer } 15 → 15 Kg/day → 390 Kg/annum. Sharps } encapsulation or concrete pit } N/A (Each autoclave of 100 Kg/day capacity) Deep burial pits: N/A Chemical disinfection: } N/A Any other treatment equipment: } N/A	
(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: 9.86 Kg (for the year 2021)	
(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]	

7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management	78
	(ii) number of personnel trained	957
	(iii) number of personnel trained at the time of induction	172
	(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'2021-Dec'2021)- 18099.85 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 2021 to 31st December 2021

Name and Signature of the Head of the Institution

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

Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086

Date: 01/02/2022 [First Day of February 2022]
Place: DELHI

Annexure No. 1.



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi)

4th Floor, I.S.B.T. Building, Kashmere Gate, Delhi - 110006

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

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/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 within the intended time or as per the agreed time.
7. The occupier shall maintain records of the Bio-Medical Waste generated and disposed of/ 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.

Dr. DEEP KAMAL

MBBS, MD (CHA)

Medical Superintendent

Shree Aggarsain International Hospital

Sector-22, Rohini, New Delhi

Digitally signed by AJEETA DAYAL AGRAWAL
Date: 2019.04.20 15:47:16 +05:30
Reason: I declare this document legal for DPCC
purpose Issued By SEE, DPCC
Location: Delhi

21. All the HCF shall make own website by 15th March, 2020 and shall make available the annual report on its website.
 22. The HCF shall provide training to all its health care workers and others, involved in handling of bio-medical waste at the time of induction & thereafter at regular intervals & the details of training programmes conducted, number of personnel trained & number of personnel not undergone any training shall be provided in the Annual Report.
 23. The occupier shall submit the Annual Report in Form-IV by 30th June every year, including information about the categories and quantities of bio-medical waste generated from 1st January to 31st December of the preceding year.
 24. The occupier shall submit the copy of fresh valid agreement to this office within 15 days of expiry of previous agreement or in case of any change.
 25. Submission of false information shall make the authorization liable for cancellation without any notice.
 26. The occupier shall apply for renewal of authorization under the aforementioned Rules before one month of the expiry of this authorization.
 27. The applicant shall apply for fresh Authorization in case of any change in the activity/number of beds etc.
 28. In case of violation of any of above said conditions, penal action will be initiated against the HCF including withdrawal of authorization/consent etc.
 29. In case of failure to comply with any of the above conditions and / or with any provision of the Act or of these Rules, authorization issued to the Occupier may be suspended or cancelled as per the provisions under sub-rule 10 (2) of Bio-Medical Waste Management Rules, 2016, as amended to date.
- Please note that the issuance of authorisation shall not be construed in any manner whatsoever that you are legitimately operating your health care institution with respect to other statutory requirements viz-local land use, Master Plan of Delhi etc.
- The authorisation is subject to the condition that you are operating as per the provision of Master Plan of Delhi, 2021.



This document has been verified by Amit Chaudhary, EE

To

SHRI AGRASEN NORTH EX WELFARE SOCIETY
PLOT NO PSP SEC-22 ROHINI
New Delhi - 110085

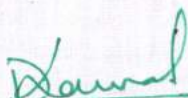

Dr. DEEP KAMAL
MBBS, MD (CHA)
Medical Superintendent
Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086

Annexure No. 2

	
Delhi Pollution Control Committee	
4th & 5th Floor, ISBT Building, Kashmere 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)
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 vide 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/Nm ³) except where mentioned otherwise	
This document has been verified by Amit Chaudhary, EE	
 Dr. DEEP KAMAL MBBS, MD (CH) Medical Superintendent Shree Agarsain International Hospital Sector-22, Rohini, Delhi-110085	

Terms and Conditions

1. The Consent is activity specific. The unit shall apply for fresh consent in case of there is any change in the activity/manufacturing process.
2. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system.
3. The unit shall ensure proper channelization/ control system for fugitive emissions generated and good housekeeping so as to maintain clean and safe environment in and around the Health Care Establishment/ Hospital premises.
4. The unit shall comply with the norms laid down vide Gazette Notification of Ministry of Environment and Forests, Government of India dated 17.05.2002 for the Diesel Generator set(s), used if any.
5. The unit shall comply with the emission standards prescribed for Diesel Engines (Engine rating more than 0.8 MW used for generation of power), if any and other requirements as notified vide Govt. of India notification dated 09.07.2002 of Ministry of Environment & Forests.
6. In the event of any information furnished by the consentee found to be false, consent granted through this order shall be deemed to be revoked and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.
7. The unit shall comply with requirement of Hazardous Waste (Management and Handling) Rule, 1989 and the Batteries (Management and Handling) Rules, 2001, whichever applicable.
8. In the case of a polythene bags mfg. unit the consent shall be further subject to the unit complying with requirement of Delhi Plastic Bag (Manufacture, Sales and Usage) and Non-Biodegradable Garbage (Control) Act 2000.
9. Notwithstanding anything contained in this Consent order the Committee reserves the right to review any or all conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974.
10. The unit shall comply the prescribed standards of emission as applicable under provision of Environment (Protection) Act and rules.
11. This Consent to Operate is granted subject to the provisions of Air (Prevention and Control of Pollution) Act, 1981 as amended to date and rules and orders made thereof and under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 as amended to date and rules and orders made thereof and based on the information provided in the consent application along with the documents submitted to this office.
12. The Consentee shall comply with the provisions of the Environment (Protection) Act, 1986 as amended to date.
13. The Consentee shall comply with the provisions of the Bio-Medical Waste Management Rules, 2016 as amended to date.
14. Capacity of proposed DG Sets is 2 X 1010 KVA. Quantity of domestic / trade effluent discharge _228000_ Litres per Day / _N/A_ Litres per Day.
15. The unit shall comply with the Notification of Government of National Capital Territory of Delhi, dated 02.06.2005 issued under Delhi Plastic Bag (Manufacturers, Sales and usage) and Non-biodegradable Garbage (Control) (Amendment) Act, 2004 and further amendments in the said rules.
17. This Consent to Operate is issued as per the decisions recommended by the BMW Committee No.1 in its meeting held on 22.01.2019



Dr. DEEP KAMAL

MBBS, MD (CHA)

Medical Superintendent

Shree Aggarsain International Hospital

Sector-22, Rohini, Delhi - 110086

Annexure No. 3.

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

Reg. No./DHS/NH/1489.....


Dated : 12/07/2021

Registration Certificate

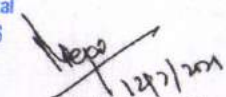
(Under Section 5 of Delhi Nursing Homes Registration Act, 1953)
For the Period 2021-2024

It is certified that Shree Aggarsain International Hospital
P.S.P. Sector-22, Rohini, Delhi-110086 with -102- beds
is being run by Shree Aggarsain North Ex Welfare Society (Regd) One Hundred and Two beds
(Dr. Deep Kamal) 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, 2024.....


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

Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086


Director Health Services
Govt. of NCT of Delhi



श्री अग्रसेन इन्टरनेशनल हॉस्पिटल
Shree Aggarsain International Hospital
 Managed by : Shree Aggarsain North Ex. Welfare Society (Regd.)



Meeting No : 06

Date of Meeting : 1st September 2021

Time: 12:30 PM to 01:30 PM

Location : Future ICU

Biomedical Waste Management Committee Chairman: Dr. Vikas Chaudhary

- Attendees & Distribution: List Enclosed

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

S. No.	Agenda & Action Summary	Action to be Taken	Responsibility	Closing Date	Status
1.	The meeting was introduced by Dr. Vikas Chaudhary 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.	Quality manager mentioned that in facility found at many places BMW signages are damaged.	ICN will get damaged signages replaced urgently.	Infection Control Nurse	30 th Septemb 2021	OPEN
3.	ICN informed that fan in common biomedical waste storage area gets faulty due to rain. She recommended of having a pedestal fan in the area.	Infection Control Officer will seek approval for the same.	Infection Control Officer	30 th Septemb 2021	OPEN

Deep Kamal
 Dr. DEEP KAMAL
 MBBS, MD (CUA)

Medical Superintendent
 Shree Aggarsain International Hospital
 Sector-22, Rohini, Delhi-110086



श्री अग्रसेन इंटरनेशनल हॉस्पिटल
Shree Aggarsain International Hospital
Managed by : Shree Aggarsain North Ex. Welfare Society (Regd.)



ICN informed that exhaust fans are not working in the common biomedical waste storage area.	Maintenance department will start the repair work of the exhaust fans	Maintenance Department	30 th September 2021	OPEN
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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.

Nutan
Prepared by: Ms Nutan
Infection Control Nurse

Swastika
Proof Read by: Dr. Swastika Agarwal
Committee Secretary

Vikas
Authorized & Approved by: Dr Vikas Chaudhary
Committee Chairperson

Deep Kamal
Dr. DEEP KAMAL
MBBS, MD (CHA)
Medical Superintendent
Shree Aggarsain International Hospital
Sector-22, Rohini, Delhi-110086