



DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, (GOVT. OF NCT OF DELHI)
4TH & 5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
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FORM -III

AUTHORISATION UNDER BIO MEDICAL WASTE MANAGEMENT RULES, 2016


File Number of Authorization DPCC/(11)(5)(01)/BMW/2019/NST-AUTH NO/20227
Application No:2154761

Dated: 4/11/19

1. M/s PRABAL PRATAP SINGH JADON an occupier or operator of the facility located at DELHI JAL BOARD, SEWAGE TREATMENT PLANT NILOTHI 110041 is hereby granted an authorisation for; Activity for, **Collection, Transportation Reception Storage Treatment and Disposal or processing or conversion Recycling Disposal or destruction use offering for sale, transfer Any other form of handling**
2. M/s M/s SMS WATER GRACE BMW PVT. LTD. is hereby authorized for handling of biomedical waste as per the capacity given below:
 - (i) Number of beds of HCF: 32763
 - (ii) Number of healthcare facilities covered by CBMWTF: 5198
 - (iii) Installed treatment and disposal capacity: 28800 Kg per day
 - (iv) Area or distance covered by CBMWTF: SOUTHWEST, WEST, CENTRAL, NORTHEAST, SHAHADARA & EAST DISTRICTS OF DELHI
 - (v) Quantity of Biomedical waste handled, treated or disposed:

Type of Waste Category	Quantity permitted for Handling
Yellow	5211
Red	5155
White (Translucent)	325
Blue	1330

3. This authorisation shall be in force for a period of Five Years and valid up to 27-10-2024 or till the expiry of agreement with DHS, Govt. of NCT of Delhi whichever is earlier.
4. 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.


Signature
S.E.E, WMC-I
AJEETA D. AGRAWAL
Senior Environmental Engineer
Delhi Pollution Control Committee
4th & 5th Floor, ISBT Building,
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Terms and conditions of authorization

1. This authorization is subject to the conditions specified under the agreement with DHS.
2. The operator shall comply with the provisions of Bio-Medical Waste Management Rules, 2016 as amended to date.
3. The operator shall comply with the provisions of Environment (Protection) Act, 1986 and the rules made there under.
4. The operator shall comply with the standards prescribed in Schedule II of Bio Medical Waste management Rules, 2016, for the discharge of the wastewater/ Effluent generated and Emission generated from incineration. Enclosed as Annexure-I
5. The operator shall not rent, lend, sell, transfer, or otherwise transport the bio-medical waste without obtaining prior permission of DPCC.
6. The operator shall ensure that the untreated human anatomical waste, animal anatomical waste, soiled waste and, biotechnology waste shall not be stored beyond a period of forty –eight hours. If for any reason it becomes unavoidable, intimation should be given in writing to DPCC and measures are to be ensured so that the waste does not adversely affect human health and environment.

7. The operator shall maintain records of the Bio-Medical Waste generated and disposed of/ handled on daily basis. The record shall be made available, for inspection & verification, to any officer authorized by DPCC.
8. D.G set of capacity 125 KVA installed by operator 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 the capacity of the Generator set in KVA.
9. The operator is required to supply the treated plastic waste and other waste to recycler authorized/consented by the respective Pollution Control Board/ Committee. Copies of the consent or authorization of the recyclers to whom the waste(s) are being sent are required to be submitted to this office from time to time.
10. The operator shall submit details about plastic, glass, metal scrap generation and their final disposal as per the Bio-Medical Waste Management Rules, 2016. The operator is also required to maintain its proper record in compliance with the new rules and submit the same to DPCC on monthly basis.
11. The operator shall comply with the Guidelines of CPCB for Bar Code system for effective management of Bio-Medical Waste Management.
12. The operator shall ensure collection of biomedical waste on holidays as well.
13. The operator must conduct validation test for autoclave once every 3 months and submit the test report every 3 months to the prescribed authority.
14. The Operator must conduct Routine test for Autoclave (as explained in Schedule II of the Rules) during autoclaving of each batch and maintain the records in this regard. The operator must also conduct the Spore test (as explained in Schedule II of the Rules) once every week and maintain the records. All such records must be submitted to DPCC every month.
15. The Operator is required to ensure the pre-treatment of microbiological waste generated by its registered HCF's, at the end of HCF's. Non compliance shall be brought to the notice of the Prescribed Authority.
16. The Operator shall inform DPCC regarding the occupiers which are not handing over the segregated bio medical waste in accordance with these Rules.
17. The Operator shall provide training to all its workers involved in handling of Bio Medical waste at the time of induction and at least once a year thereafter.
18. The Operator shall assist the occupier in training conducted by them for Biomedical Waste Management.
19. The operator shall undertake an appropriate medical examination at the time of induction and at least once in a year and immunize all its workers involved in handling of Biomedical waste for protection against diseases, including Hepatitis B and Tetanus, that are likely to be transmitted while handling Biomedical waste and maintain the records for the same.
20. The operator shall ensure occupational safety of all its workers involved in handling of biomedical waste by providing appropriate adequate personal protective equipment's (PPE's).
21. The operator shall report major accidents including accidents caused by fire hazards, blasts during handling of Biomedical waste and the remedial actions taken and the records relevant thereto (including nil report) in Form I to DPCC and also along with annual report.
22. The operator shall maintain a log book of each of its treatment equipment according to weight of batch, categories of waste treated, time, date and duration of treatment cycle and total hours of operation.
23. The operator shall allow occupier(S), who are giving waste for treatment to the operator, to see whether the treatment is carried out as per the Rules.
24. The operator shall display the details of Authorization, treatment, annual report etc on its website.
25. The Operator shall not accept any chlorinated gloves and any waste in the chlorinated plastic bags after 27.3.2019. The operator shall supply non chlorinated plastic coloured bag to the occupiers on chargeable basis, if required.
26. The operator shall maintain all records for operation of incineration, hydro or autoclaving for a period of five years.
27. The operator shall maintain existing incinerators to achieve the standards for retention time in secondary Chamber and dioxin and furans.
28. The vehicles used for transportation of bio-medical waste shall comply with the requirement contained in the motor Vehicle Act, 1988(59 of 1988) , if any or the rules made there under for transportation of such infectious waste.
29. Operator shall submit details of the CCTV cameras i.e number of CCTV cameras, their location and areas they cover to DPCC. Additionally, Operator must submit footage /recording of all CCTV cameras installed in their premises every month along with its linkage to the DPCC.
30. Operator shall install Continuous Emission Monitoring System for the parameters as stipulated by DPCC in authorization/ Consent and transmit the data real time to the servers at DPCC and Central Pollution Control Board.
31. Operator shall submit the linkage of the GPS system of the vehicles with the server of CPCB and DPCC.

32. Operator shall submit the waste water analysis report of the installed ETP every 6 months to DPCC from the DPCC laboratory or from a laboratory empanelled by it or a laboratory approved under Environment (Protection) Act, 1986 if the DPCC laboratory is not in a position to carry out the monitoring & analysis.
33. Operator shall dispose of the ash generated from the process in accordance with the Hazardous Waste (Management, Handling and Transboundary) Movement Rule, 2008 & revision made thereafter/ as per the provision of Environment (Protection) Act, 1986 whichever is applicable.
34. The Operator shall monitor the stack gaseous emission (under optimum capacity of the incinerator) once in three months through DPCC Laboratory or a laboratory approved under the Environment (Protection) Act 1986 and record of such analysis/ result shall be maintained and submitted to the DPCC. In case of Dioxin and furans, monitoring should be done once in a year.
35. Incinerator (Combustion Chamber) shall be operated with such temperature, retention time and turbulence, as to achieve Total Organic Carbon Content in the slag and bottom ashes less than 3% or their loss on ignition shall be less than 5% of the dry weight.
36. All Monitored values shall be corrected to 11% Oxygen on dry basis.
37. The operator shall convert its incinerator into PNG fired and submit the compliance to DPCC within 30 days.
38. Wastes to be incinerated shall not be chemically treated with any chlorinated disinfectants.
39. The operator 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.
40. Submission of false information shall make the authorization liable for cancellation without any notice.
41. The operator shall apply for renewal of authorization under the aforementioned Rules before one month of the expiry of this authorization.
42. The operator shall apply for fresh Authorization in case of any change in the activity, capacity etc.
43. In case of violation of any of above said conditions, penal action will be initiated against the operator including withdrawal of authorization/consent etc.
44. The operator shall be liable for environmental compensation if any biomedical waste of their registered HCFs is found illegally dumped in public place.
45. The operator shall inform to the District Level Monitoring Committee (DLMC) of the area and DPCC if any biomedical waste is found illegally dumped by its field staff in their area of jurisdiction.
46. 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.
47. DPCC reserves the right to change / amend/ add any condition from time to time.
48. The operator shall take prior permission of Delhi Pollution Control Committee to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.



Signature
AEE, WMC-I

D. K. SRIVASTAVA
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1. STANDARDS FOR LIQUID WASTE :

The effluent generated or treated from the premises of occupier or operator of a common bio medical waste treatment and disposal facility, before discharge into the sewer should conform to the following limits-

PARAMETERS**PERMISSIBLE LIMITS**

- pH 6.5-9.0
- Suspended solids 100 mg/l
- Oil and grease 10 mg/l
- BOD 30 mg/l
- COD 250 mg/l
- Bio-assay test 90% survival of fish after 96 hours in 100% effluent

2. EMISSION STANDARDS FOR INCINERATOR :

SL. No.	Parameter	Standards	
(1)	(2)	(3)	(4)
		Limiting concentration in mg Nm ³ unless started	Sampling duration in minutes, unless started
1.	Particulate matter	50	30 or 1NM ³ of sample volume, whichever is more
2.	Nitrogen oxides NO and NO ₂ expressed as NO ₂	400	30 for online sampling or grab sample
3.	HCL	50	30 or 1NM ³ of sample volume, whichever is more
4.	Total dioxins and furans	0.1 ng TEQ/Nm ³ (at 11% O ₂)	8 hours or 5 NM ³ of sample volume, whichever is more
5.	Hg and its compounds	0.05	2 hours or 1NM ³ of sample volume, whichever is more