



PUNJAB POLLUTION CONTROL BOARD

Vatavaran Bhawan, Nabha Road, Patiala

www.ppcb.gov.in

Office Dispatch No :

Registered/Speed Post

Date:

Registration ID: R13LDH3241498

Application No : 9742065

To,

Mr Gautham Reddy,
Opposite-Central Jail, Tajpur Road
Ludhiana east, Ludhiana iii, 141010

Subject: Renewal of Authorization under Bio-Medical Waste Management Rules, 2016 framed under Environment (Protection) Act, 1986 for [Collection, Reception, Storage, Transportation, Treatment, Disposal] of Bio-Medical Waste.

With reference to your application for obtaining Authorization under Bio-Medical Waste Management Rules, 2016 framed under Environment (Protection) Act, 1986, you are, hereby authorized for handling/ managing Bio-Medical Waste under Bio-Medical Waste Management Rules, 2016 as per the details specified in this authorization.

1. Particulars of Applicant (Occupier/Operator)

Name of Applicant (Occupier/Operator)	Mr Gautham Reddy
Designation :	Executive Director
Correspondent Address :	Mr Gautham Reddy, Opposite-Central Jail, Tajpur Road Ludhiana east, Ludhiana iii, 141010
Mobile Number :	9814801375
Landline Number :	0161-5287136
Fax Number :	-
Email-ID :	sunilagggarwal@ramky.com

2. Particulars of HCF/CBWTF

Name of HCF/CBWTF	Medicare environmental management pvt ltd
Address of HCF/CBWTF premises	Medicare environmental management pvt ltd Opposite-central jail, tajpur road
Mobile Number :	9814801375
Facility Type and Subtype	CBWTF (Select HCF Type)
Ownership	Individual
No. of Beds/Dental Chairs (for HCF)	-
No. of HCF covered(for CBWTFs)	2421
No. of Beds covered	22322
No of Beds	22322
Area and Distance Covered by CBWTF	PATIALA,LUDHIANA,BARNALA, SANGRUR, MOGA as on 28.02.19

"This is computer generated document from OCMMS by PPCB"

Medicare environmental management pvt ltd, Opposite-central jail, tajpur road, Ludhiana, Ludhiana iii, 141001

Page No.:- 1

Mode of Transportation of BMW	BY FOUR WHEELER ENCLOSED VEHICLE
-------------------------------	----------------------------------

3. Particulars of Authorization

Authorization No.	BMW/Renewal/LDH3/2019/9742065
Previous Authorization No	BMW/Renewal/LDH3/2018/7148223
Previous Authorization Date of Issue	09/07/2018
Previous Authorization Date of Expiry	31/03/2019
Date of Issue	09/10/2019
Date of Expiry	31/03/2020
Authorization Type	Renewal
Activities authorized	[Collection, Reception, Storage, Transportation, Treatment, Disposal]

4. Particulars of Bio-Medical Waste

Waste category	Quantity permitted for handling	Unit
Yellow	2662.0	kg/day
Red	1338	kg/day
White(Translucent)	65	kg/day
Blue	1090	kg/day

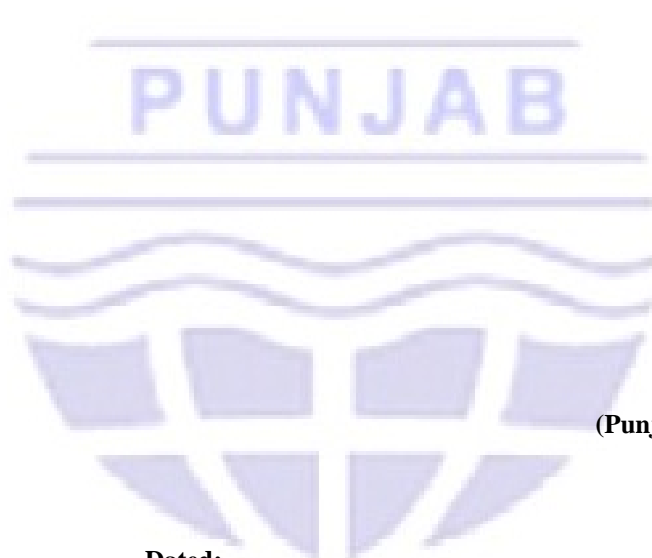
6. Particulars of Treatment and Disposal Equipments

(i) Install Treatment & Disposal capacity			
Equipment's Details			
SI No.	Treatment equipment	No. of Units	Type and Capacity of each unit
1	Incinerator	1	4800 KG/ PER DAY 200 KG/HR (OCEMS installed and attached with CPCB server)
2	Plasma Pyrolysis	-	-
3	Autoclaves	2	Two Autoclave Installed (one is 1250 ltr/batch and another is 3000 ltr/batch) Total capacity 18750 ltr/day,45000 ltr/day respectively equal to approx 3700 kg /day BMW.
4	Microwave	-	-
5	Hydroclave	-	-
6	Shredders	3	(1) GLASS SHREDDER 400 KG/HR. (2) PLASTIC SHREDDER 350 KG/HR. (3) PLASTIC SHREDDER 200 KG/HR.

7	Needle tip cutter or Destroyer	-	-
8	Sharp encapsulation or Concrete pit	-	-
9	Deep burial pits	-	-
10	Chemical disinfection	-	-
11	Any other treatment equipment	-	-

7. The HCE/CBWTF shall discharge its effluent after treatment as prescribed under the Rules.

8. The Authorization is subject to the Terms and Conditions as specified in this Authorization and also to such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.



(Handwritten signature)

09/10/2019

**(Kuldip Singh)
Environmental Engineer**

*For & on behalf
of*

(Punjab Pollution Control Board)

Endst. No.:

Dated:

A copy of the above is forwarded to the following for information and necessary action please:

1. The Chief Environmental Engineer, Punjab Pollution Control Board, Ludhiana, Bathinda, Patiala and Jalandhar.
2. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office-Ludhiana-I/II; Patiala-I/II; Amritsar, Jalandhar and Bathinda.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-Patiala/SAS Nagar/Jalandhar/ Ludhiana-I/II/III/IV/Fatehgarh Sahib/Faridkot/Sangrur/ Hoshiarpur/Bathinda/Batala and Amritsar.



09/10/2019

(Kuldip Singh)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. The Common Bio-Medical Waste Treatment Facility shall apply for the renewal of authorization at least 2 months before the expiry of this authorization.
2. The Common Bio-Medical Waste Treatment Facility shall comply with the provisions of the Environment (Protection) Act, 1986 as amended from time to time and the rules made there under.
3. The authorization and all relevant records shall be produced for inspection on the request of an officer of prescribed authority.
4. The CBWTF shall take all necessary steps to ensure that bio-medical waste collected from the occupier of HCF is transported, handled, stored, treated and disposed off without any adverse effect to human health and the environment and in accordance with these rules;
5. The CBWTF shall ensure timely collection of bio-medical waste from the occupier as prescribed under the rules;
6. The CBWTF shall establish bar coding and global positioning system for handling of bio- medical waste within one year;
7. The CBWTF shall inform the prescribed authority immediately regarding the occupiers which are not handing over the segregated bio-medical waste in accordance with these rules;
8. The CBWTF shall provide training for all its workers involved in handling of bio-medical waste at the time of induction and at least once a year thereafter;
9. The CBWTF shall get each batch of color coded bag supplied to Healthcare Facilities tested from CIPET Lab, Amritsar regarding absence of chlorinated material in it.
10. The CBWTF shall assist the occupier of HCF in training conducted by them for bio-medical waste management;
11. The CBWTF shall undertake appropriate medical examination at the time of induction and at least once in a year and immunise all its workers involved in handling of bio-medical waste for protection against diseases, including Hepatitis B and Tetanus, that are likely to be transmitted while handling bio-medical waste and maintain the records for the same;
12. The CBWTF shall ensure occupational safety of all its workers involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipment;
13. The CBWTF shall report major accidents including accidents caused by fire hazards, blasts during handling of bio-medical waste and the remedial action taken and the records relevant thereto, (including nil report) in Form I to the prescribed authority and also along with the annual report;
14. The CBWTF shall maintain a log book for 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;
15. The CBWTF shall allow occupier , who are giving waste for treatment to the operator, to see whether the treatment is carried out as per the rules;
16. The CBWTF shall submit Annual Report in Form-IV as per Rule 13 by 30th June every year to the Board.
17. The CBWTF shall display details of authorisation, treatment, annual report etc on its web-site;
18. The CBWTF shall after ensuring treatment by autoclaving or microwaving followed by mutilation or shredding, whichever is applicable, the recyclables from the treated bio-medical wastes such as plastics and glass, shall be given to recyclers having valid consent or authorisation or registration from the respective State Pollution Control Board or Pollution Control Committee;
19. The CBWTF shall supply non-chlorinated plastic coloured bags to the occupier on chargeable basis, if required;
20. The CBWTF shall ensure collection of biomedical waste on holidays also;
21. The CBWTF shall maintain all record for operation of incineration, autoclaving, shredder for a period of five years; and upgrade existing incinerators to achieve the standards for retention time in secondary chamber and Dioxin and Furans within two years from the date of this notification.
22. The CBWTF shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974);

23. The CBWTF shall obtain consents under the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981.
24. The CBWTF shall maintain proper housekeeping in the premises where the bio-medical wastes are handled.
25. The CBWTF shall ensure treatment and disposal of waste in accordance with Schedule I and in compliance with the standards provided in Schedule-II.
26. The CBWTF shall ensure that the vehicles used for transportation of bio-medical waste shall comply with the conditions if any stipulated by PPCB in addition to 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.
27. The CBWTF will be liable for action under section 5 and section 15 of the Environment (Protection) Act, 1986, in case of any violation.
28. The CBWTF shall comply with the standards and specifications as per Bio-Medical Waste Management Rules, 2016.
29. The existing secondary combustion chambers of the incinerator and the pollution control devices shall be suitably retrofitted, if necessary, to achieve the emission limits.
30. The existing CBWTF shall achieve the emissions standards of Incinerator given in Schedule-II within 2 years from date of notification of Rules i.e. 28.03.2016, however new upcoming CBWTF shall comply with the emissions standards from the date of operation.
31. The CBWTF shall obtain Environmental Clearance prior to doing any Expansion and modernization of existing bio-medical waste treatment facility under item 7(da) of the EIA notification, 2006.
32. The CBWTF shall monitor the stack gaseous emissions (under optimum capacity of the incinerator) once in three months through a laboratory approved under the Environment (Protection) Act, 1986 and record of such analysis results shall be maintained and submitted to the prescribed authority. In case of dioxins and furans, monitoring should be done once in a year.
33. The CBWTF shall install continuous emission monitoring system for the parameters Primary & Secondary Chamber Temperature of Incinerator; CO₂, CO, O₂, NO_x, PM & HCl and transmit the data real time to the servers at State Pollution Control Board and Central Pollution Control Board.
34. The CBWTF should operate Incinerators (combustion chambers) 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.
35. The CBWTF's incinerator shall use combustion gas analyzer to measure CO₂, CO and O₂.
36. The CBWTF shall conduct chemical indicator strip or tape test during autoclaving of each batch and records in this regard shall be maintained.
37. The CBWTF shall conduct Validation test for Autoclave once in three months and records in this regard shall be maintained.
38. Any unauthorized change in personnel/equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
39. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of the authorization without any prior notice.

B. SPECIAL CONDITIONS

The authorization granted to the CBWTF operator for Collection, Reception, Storage, Treatment & Disposal of the following categories and quantity of bio-medical waste vide no. BMW/Renewal/LDH3/2018/7148223 dated 09.07.2018 with validity upto 31.03.2019 is further extended upto 31.03.2020 subject to following special conditions:

- 1)The facility will obtain the Environmental Clearance as required under EIA Notification, 2006 from the Competent Authority for installation of new incinerator of 200kg/hr capacity using old incinerator of 200 kg/hr as stand-by during breakdown of new incinerator and up-gradation of autoclaving capacity due to installation of 2 new autoclaves of capacity 1250 Ltr/batch and capacity 3000 ltr/batch, within 06 months or will submit the exemption letter from the MoEFCC in this regard.
- 2)The CBWTF operator will provide separate partitioning for the storage of untreated plastic and glass Bio-medical waste, within 15 days.
- 3)The CBWTF operator will complete the remaining work regarding mapping of all the HCFs catered by its on the GPS website immediately and send report.
- 4)The CBWTF will ensure compliance of the directions u/s 5 issued by the Board vide letter no. 2826-56 dated 16.07.2019.
- 5)The CBWTF operator shall monitor the stack emissions once in 3 months through a laboratory approved under EPA and record of such analysis shall be maintained and submitted to prescribed authority. In case of dioxins and furans, monitoring should be done once in a year.
- 6)The CBWTF operator will carry out validation testing for the autoclave on quarterly basis, chemical indicator strip test for every batch autoclaved and spore testing atleast once in every week and will maintain record.
- 7)In case of issuance of closure directions to the facility for violation of the provisions of the Bio-Medical Waste Management Rules, 2016, the bio-medical waste generated by the member HCFs of the facility shall be disposed off through another facility operating nearby.
- 8) The CBWTF operator will ensure compliance of the revised guidelines for common bio-medical waste treatment and disposal facilities dated 21.12.2016.
- 9)The CBWTF operator will ensure compliance of the Guidelines for Bar Code System for Effective Management of Bio-medical Waste issued by CPCB in April, 2018.



09/10/2019

(Kuldip Singh)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)