



**TELANGANA POLLUTION CONTROL BOARD
REGIONAL OFFICE RANGAREDDY DISTRICT**

H.No.6-3-1219, Block C, Ward No.91, 2nd Floor, Backside of Country Club,
Kundanbagh, Umanagar, Begumpet, Hyderabad - 500016.

Environmental Engineer

Email: ee-rr1-tspcb@telangana.gov.in

AUTHORISATION

(Issued under Rule 10 of the Bio-Medical Waste Management Rules, 2016)

Order No.1580/ PCB/RO-RRD//BMWM/AUTH/2024- 382 Date: 28.06.2024

1. **M/s. Tata Advanced Systems Limited, Sy.No.519, IP Nadergul, Balapur (M), Rangareddy District** is hereby granted an Authorization for Generation, segregation, Collection & Storage of Bio-Medical Waste.
2. **M/s. Tata Advanced Systems Limited, Sy.No.519, IP Nadergul, Balapur (M), Rangareddy District** is hereby authorized for handling of biomedical waste as per the capacity given below:

(i) Number of beds of HCF: **Operational Heath Centre (First Aid Centre)**

(ii) Quantity of Biomedical waste handled, treated or disposed:

Type of waste category	Quantity permitted for handling
Yellow	10 Kg /Month
Red	15 Kg /Month
White (Translucent)	5 Kg /Month
Blue	5 Kg /Month

This authorization shall be in force for a period up to 31.05.2028

3. 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.
4. Failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.


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Regional Office, Rangareddy.

N.B: This authorization shall be exhibited in the premises and should be produced from time to time at the request of the inspecting officer.

Terms and conditions of the Authorization

1. The Proponent shall apply for renewal of Bio Medical Muthourization along with Consent For Operation (CFO).
2. The HCF shall follow Bar- Coding System for the bags or containers used for bio-medical waste collection and for sending to Common Bio Medical Waste Treatment Facility (CBMWTF) for tracking till its disposal.
3. The HCF shall submit membership certificate of Common Bio Medical Waste Treatment Facility (CBMWTF) to the Board from time to time.
4. The HCF shall provide CC Camera at waste storage area and pick up point of CBMWTF vehicle and the recorded data shall be stored for a period of 3 months and available for inspection by the Board Officials.
5. The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
6. The authorisation shall be produced for inspection at the request of an officer authorised by the Telangana State Pollution Control Board.
7. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the Telangana State Pollution Control Board.
8. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorisation.
9. It is the duty of the authorised person to take prior permission of the Telangana State Pollution Control Board to close down the facility and such other terms and conditions that may be stipulated by the Telangana State Pollution Control Board.
10. Any other conditions for compliance as per the Guidelines issued by the MoEF & CC or CPCB from time to time.
11. The Bio Medical Waste shall be disposed for treatment after disinfection and segregation to the following Common Bio-Medical Waste Treatment Facility.

**M/s. GJ Multiclave (India) Pvt., Ltd.,
Sy.No.179 & 181,Eadulapally (V),
Kothur (M), Mahaboobnagar dist.**

SPECIAL CONDITIONS

1. The HCF shall comply with all the provisions of the Bio-Medical Waste Management Rules, 2016 must be complied with.
2. The HCF shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with Bio-Medical Waste Management Rules, 2016.
3. The HCF shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the BMW Rules, 2016. It shall be ensured that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I of the Bio-Medical Waste Management Rules, 2016.
4. The HCF shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site in the manner as prescribed by the World Health Organisation (WHO) or National AIDs Control Organisation (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal.
5. The HCF shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of the Bio-Medical Waste Management Rules, 2016.
6. The HCF shall dispose of solid waste other than bio-medical waste in accordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time.
7. The HCF shall not to give treated bio-medical waste with municipal solid waste.
8. The HCF shall provide Bar- Coding System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose.
9. 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 health care facilities.
10. The HCF shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974).
11. The HCF shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I of the Bio-Medical Waste Management Rules, 2016.
12. The HCF shall inform to TSPCB immediately in case the operator of a facility does not collect the bio-medical waste within the intended time or as per the agreed time.
13. The HCF shall establish a system to review and monitor the activities related to bio-medical waste management by forming a new committee and the Committee shall meet once in every six months and the record of the minutes of the meetings of this committee shall be submitted along with the annual report to the prescribed authority.

14. It is the responsibility of the occupier of the HCF that the only segregated bio-medical waste as per the Schedule – I of the BMW Management Rules, 2016 shall be handed over to common bio-medical waste treatment facility for treatment, processing and final disposal.
15. It shall be ensured that no untreated bio-medical waste shall be mixed with other wastes.
16. The bio-medical waste shall be segregated into containers or bags at the point of generation in accordance with Schedule I of the BMW Management waste treatment Rules, 2016 prior to its storage, transportation, treatment and disposal.
17. The containers or bags referred to in sub-rule (2) shall be labeled as specified in Schedule IV of the BMW Management Rules, 2016. The bar coding and global positioning system shall be added by the Occupier and Common bio-Medical Waste treatment facility.
18. Un-treated human anatomical waste, animal anatomical waste, soiled waste and biotechnology waste shall not be kept stored beyond a period of 48 hours. Provided that in case for any reason it becomes necessary to store such waste beyond such a period, the occupier shall take appropriate measures to ensure that the waste does not adversely affect human health and the environment and inform the prescribed authority (TSPCB) along with the reasons for doing so.
19. Dead Fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time) can be considered as human anatomical waste. Such waste should be handed over to the operator of common bio-medical waste treatment and disposal facility in yellow bag with a copy of the official Medical Termination of Pregnancy certificate from the Obstetrician or the Medical Superintendent of hospital or healthcare establishment.
20. Cytotoxic drug vials shall not be handed over to un-authorized person under any circumstances. These shall be sent back to the manufactures for necessary disposal at a single point. As a second option, these may be sent for incineration at common bio-medical waste treatment and disposal facility or TSDFs or plasma pyrolysis is at temperature >1200C
21. Residual or discarded chemical wastes, used or discarded disinfectants and chemical sludge can be disposed at hazardous waste treatment, storage and disposal facility. In such case, the waste should be sent to hazardous waste treatment, storage and disposal facility through operator of common bio-medical waste treatment and disposal facility only.
22. On-site pre-treatment of laboratory waste, microbiological waste, blood samples and blood bags should be disinfected or sterilized as per the Guidelines of World Health Organisation or National AIDS Control Organisation and then given to the common bio-medical waste treatment and disposal facility.
23. Syringes should be either mutilated or needles should be cut and or stored in tamper proof, leak proof and puncture proof containers for sharps storage.
24. The HCF shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal or any other form of handling of bio-medical waste.
25. The HCF shall submit an annual report to the prescribed authority (TSPCB) in Form – IV, on or before the 30th June of every year for the period from January to December of the preceding year.
26. The HCF shall make own website and shall make available the annual report on its web-site.

27. In case of any change in the bio-medical waste generation, handling, treatment and disposal for which authorization was earlier granted, the occupier or operator of HCF shall intimate to the prescribed authority about the change or variation in the activity and shall submit a fresh application in Form II for modification of the conditions of Authorization.
28. In case of any major accident at HCF facility or any other site while handling bio-medical waste, the authorized person shall intimate immediately to the prescribed authority about such accident and forward a report within twenty-four hours in writing regarding the remedial steps taken in Form I.
29. The HCF shall ensure occupational safety of all its health care workers and others involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipments.
30. The occupier of the HCF or an operator of a common bio-medical waste treatment facility shall be liable for all the damages caused to the environment or the public due to improper handling of bio-medical wastes. The occupier or operator of common bio-medical waste treatment facility shall be liable for action under section 5 and section 15 of the Act, in case of any violation.
31. The HCF shall adopt the following treatment and disposal methods as described in the Bio-Medical Waste Management Rules, 2016.
 - i. Chemical treatment using at least 10% Sodium Hypochlorite having 30% residual chlorine for twenty minutes or any other equivalent chemical reagent that should demonstrate Log₁₀4 reduction efficiency for microorganisms as given in Schedule-III.
 - ii. Mutilation or shredding must be to an extent to prevent unauthorized reuse.
32. 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 and thereafter at least once every year and the details of training programmes conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report.
33. The facility shall immunize all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and 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 and Family Welfare issued from time to time.
34. The facility shall conduct health check up at the time of induction and at least once in a year for all its health care workers and others involved in handling of bio- medical waste and maintain the records for the same.

To
M/s. Tata Advanced Systems Limited,
Sy.No.519, IP Nadergul,
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