



# TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

**RED**



**CONSENT ORDER NO. 2208245162470**

**DATED: 13/07/2022.**

**PROCEEDINGS NO.T3/TNPCB/F.2929MMN/RL/MMN/A/2022 DATED: 13/07/2022**



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**SUB:** Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. KARPAGA VINAYAGA EDUCATIONAL TRUST , S.F.No. 42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3.&4,110 1,2,3,4 & 5,111 1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114 1,2,3,4,5,6 & 7,115,116 1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A & 7B OF MOOSIVAKKAM VILLAGE, PAZHAYANUR village, Maduranthagam Taluk and Chengalpattu District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

**REF:** 1. Unit's application no. 45162470.DATED:27.04.2022.  
2. IR.No : F.2929MMN/RL/AE/MMN/2022 dated 21/06 2022

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Managing Director  
M/s.KARPAGA VINAYAGA EDUCATIONAL TRUST,  
S.F.No. 42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3.&4,110/1,2,3,4 & 5,111 1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114/1,2,3,4,5,6 & 7,115,116 1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A & 7B OF MOOSIVAKKAM VILLAGE, PAZHAYANUR village, Maduranthagam Taluk, Chengalpattu District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

**This RENEWAL OF CONSENT is valid for the period ending March 31, 2024**

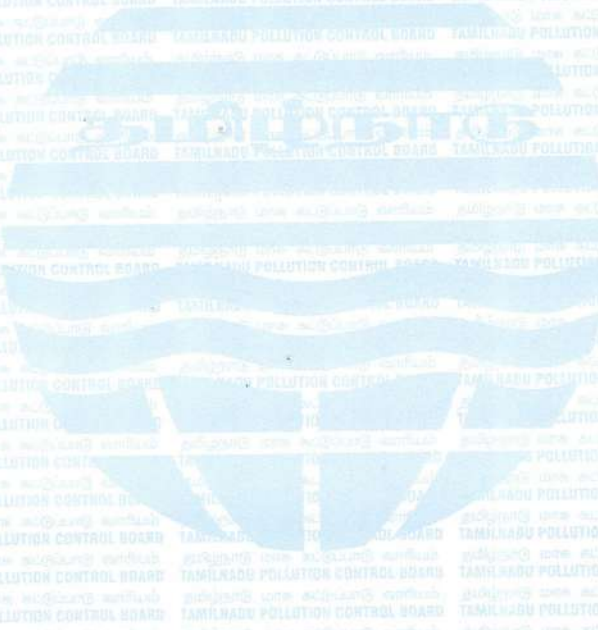


# TAMILNADU POLLUTION CONTROL BOARD

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For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai





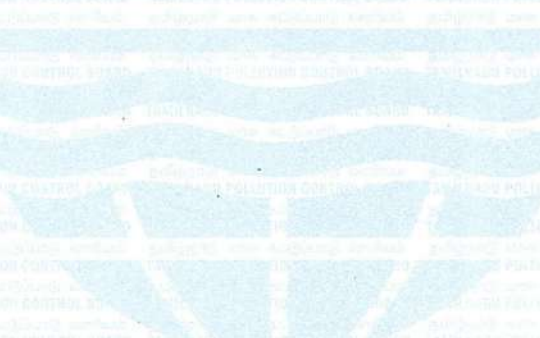
# TAMILNADU POLLUTION CONTROL BOARD

## SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

| Sl. No.                | Description  | Quantity  | Unit   |
|------------------------|--|-----------|--------|
| <b>Product Details</b> |  |           |        |
| 1.                     | EDUCATIONAL INSTITUTION COMPRISING STAFF QUARTERS,LADIES HOSTEL - 1 (G+5),LADIES HOSTEL -2(G+5),LADIES HOSTEL -(G+3),LADIES HOSTEL -(G+2),LADIES HOSTEL(G+4),NURSING COLLEGE,CLASS ROOM BUILDING,ENGINEERING BLOCK (G+3),GENTS HOSTEL (G+2),GENTS HOSTEL (G+7),AUDITORIUM BUILDING,LECTURE HALL,GENTS HOSTEL (G+3),MEDICAL & DENTAL COLLEGE(G+4),HOSPITAL BUILDING - 570 BEDS (G+3) WITH TOTAL BUILTUP AREA OF | 116601.26 | SQ.MTS |

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height, has to be brought to the notice of the Board and fresh consent Amendment has to be obtained.





## TAMILNADU POLLUTION CONTROL BOARD

| <b>I Point source emission with stack :</b> |   |                                       |  |                                    |
|---|---|---------------------------------------|--|------------------------------------|
| <b>Stack No.</b>                            | <b>Point Emission Source</b>              | <b>Air pollution Control measures</b> | <b>Stack height from Ground Level in m</b> | <b>Gaseous Discharge in Nm3/hr</b> |
| 1   | DG SET 25 KVA                             | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 2   | DG SET 40 KVA                             | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 3   | DG SET 63 KVA                             | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 4   | DG SET 125 KVA                            | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 5   | DG SET 140 KVA                            | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 6   | DG SET 160 KVA                            | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 7   | DG SET 180 KVA                            | Acoustic enclosures with stack        | 17.5                                       |                                    |
| 8   | DG SET 320 KVA                            | Acoustic enclosures with stack        | 17.5                                       |                                    |
| <b>II Fugitive/Noise emission :</b>         |   |                                       |  |                                    |
| <b>Sl. No.</b>                              | <b>Fugitive or Noise Emission sources</b> | <b>Type of emission</b>               | <b>Control measures</b>                    |                                    |
| 1.  | DG SETS                                   | Noise                                 | ACOUSTIC ENCLOSURE                         |                                    |



# TAMILNADU POLLUTION CONTROL BOARD

### Special Additional Conditions:

- i. The unit shall install the approved retrofit emission control device/equipment with at least 70% Particulate matter reduction efficiency on all DG sets with capacity of 125 KVA and above or otherwise the unit shall be shift to gas based generators within the time frame prescribed in the notification No. TNPCB/Labs/DD(L)02151/2019 dated 10.06.2020 issued by TNPCB.
- ii. The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

### Additional Conditions:

1. The unit shall comply with the conditions stipulated in the EC obtained from SEIAA, TN vide Lr no. SEIAA/TN/ F.NO.440/2011/EC/8(a)/605/2018 date :09.08.2018
2. The unit shall ensure that the emission from the DG set satisfy the Ambient Air Quality / Emission standards prescribed by the Board.
3. The unit shall maintain the acoustic enclosures and ensure that the noise emission satisfy the Ambient Noise Level standards prescribed by the Board.
4. The unit shall continue to develop green belt within the premises

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**For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai**

To

The Managing Director.

M/s.KARPAGA VINAYAGA EDUCATIONAL TRUST.

108, ICHINNAKOLAMBAKKAM,PALAIYANUR POST,CHENGALPATTU DIST.,

Pin: 603038

### Copy to:

- 1.The Commissioner, MADURANTHAGAM-Panchayat Union, Madurantthagam Taluk, Chengalpattu District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File





# TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry :

**RED**



**CONSENT ORDER NO. 2208145162470 DATED: 13/07/2022.**

**PROCEEDINGS NO.T3/TNPCB/F.2929MMN/RL/MMN/W/2022 DATED: 13/07/2022**

**SUB:** Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. KARPAGA VINAYAGA EDUCATIONAL TRUST , S.F.No. 42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3.&4,110/1,2,3,4 & 5,111/1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114/1,2,3,4,5,6 & 7,115,116/1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A &7B OF MOOSIVAKKAM VILLAGE, PAZHAYANUR village, Maduranthagam Taluk and Chengalpattu District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

**REF:** 1. Unit's application no. 45162470.DATED:27.04.2022.  
2. HR.No : F.2929MMN/RL/AE/MMN/2022 dated 21/06/2022

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Managing Director  
M/s.KARPAGA VINAYAGA EDUCATIONAL TRUST,  
S.F.No. 42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3.&4,110/1,2,3,4 & 5,111/1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114/1,2,3,4,5,6 & 7,115,116/1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A &7B OF MOOSIVAKKAM VILLAGE,  
PAZHAYANUR Village ,  
Maduranthagam Taluk ,  
Chengalpattu District .

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

**This RENEWAL OF CONSENT is valid for the period ending March 31, 2024**



# TAMILNADU POLLUTION CONTROL BOARD

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For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai

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## TAMILNADU POLLUTION CONTROL BOARD

### SPECIAL CONDITIONS

- This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

| Sl. No.                | Description  | Quantity  | Unit   |
|------------------------|--|-----------|--------|
| <b>Product Details</b> |  |           |        |
| 1.                     | EDUCATIONAL INSTITUTION COMPRISING STAFF QUARTERS,LADIES HOSTEL - 1 (G+5),LADIES HOSTEL -2(G+5),LADIES HOSTEL -(G+3),LADIES HOSTEL - (G+2),LADIES HOSTEL(G+4),NURSING COLLEGE, CLASS ROOM BUILDING,ENGINEERING BLOCK (G+3),GENTS HOSTEL (G+2),GENTS HOSTEL (G+7),AUDITORIUM BUILDING,LECTURE HALL,GENTS HOSTEL (G+3),MEDICAL & DENTAL COLLEGE(G+4),HOSPITAL BUILDING - 570 BEDS (G+3) WITH TOTAL BUILTUP AREA OF | 116601.26 | SQ.MTS |

- This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

| Outlet No.                            | Description of Outlet | Maximum daily discharge in KLD | Point of disposal                                      |
|---------------------------------------|-----------------------|--------------------------------|--|
| <b>Effluent Type : Sewage</b>         |                       |                                |  |
| 1.                                    | SEWAGE                | 520.0                          | GARDENING 280 KLD,HVAC-22 KLD,TOILED FLUSHING -218 KLD |
| <b>Effluent Type : Trade Effluent</b> |                       |                                |  |
| 1.                                    | TRADE EFFLUENT        | 8.0                            | On land for gardening                                  |



# TAMILNADU POLLUTION CONTROL BOARD

### Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

### Additional Conditions:

1. The unit shall comply with the conditions stipulated in the EC obtained from SEIAA, TN vide Lr no. SEIAA/TN/ F.NO.440/2011/EC/8(a)/605/2018 date :09.08.2018;
2. The unit shall operate and maintain the Sewage treatment Plant to treat the sewage generated and shall ensure that the treated Sewage satisfy the standards prescribed by the Board.
3. The unit shall operate and maintain the Effluent Treatment Plant to treat the trade effluent generated and shall ensure that the treated trade effluent satisfy the standards prescribed by the Board.
4. The unit shall periodically analyze the treated sewage and trade effluent samples and furnish ROA of the same to the Board.
5. The unit shall utilize the treated sewage and trade effluent for Toilet flushing, gardening / green belt development after satisfying the standards prescribed by the Board within the premises.
6. The unit shall utilize the sludge from the STP as manure within the premises.
7. The unit shall handle the Bio Medical Waste generated from the unit as per the provisions of Bio Medical Wastes Rules, 2016 and shall ensure that the unit has valid Bio medical authorization at all the times.
8. The unit shall comply with the E-Waste Management Rules 2016. E-Waste as listed in Schedule - I, generated by them shall be channelized through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler. The unit shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the TNPCB. The unit shall file annual returns in Form-3, to the TNPCB on or before the 30th day of June following the financial year.
9. The unit shall "not use and throwaway plastics" such as plastic sheets used for food wrapping, spreading on dining table etc., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bag and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, arecanut palm plate, stainless steel, glass, porcelain plates/cups, cloth bag, jute bag etc.

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**For Member Secretary,  
Tamil Nadu Pollution Control Board,  
Chennai**

To  
The Managing Director,  
M/s.KARPAGA VINAYAGA EDUCATIONAL TRUST,  
108/1CHINNAKOLAMBAKKAM,PALAIYANUR POST,CHENGALPATTU DIST.,  
Pin: 603038

### Copy to:

- 1.The Commissioner, MADURANTHAGAM-Panchayat Union, Maduranthagam Taluk, Chengalpattu District.
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File



## TAMILNADU POLLUTION CONTROL BOARD

to  
24/12/2022  
College above



### FORM III

(See Rule 10)

**AUTHORISATION No: 22BAC48817801 Dated 23/12/2022**

**Proceeding No: T3/TNPCB/F.2929MMN/BWA/RL/MMN/2022 Dated 23/12/2022**

**Sub:** Tamil Nadu Pollution Control Board – Bio-Medical Waste Authorization - Renewal-HCF-M/s. KARPAGA VINAYAGA EDUCATIONAL TRUST, S.F.No.42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3,&4,110/1,2,3,4 & 5,111/1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114/1,2,3,4,5,6 & 7,115,116/1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A &7B OF MOOSIVAKKAM VILLAGE, PAZHAYANUR village, MADURANTHAGAM Taluk, Chengalpattu District - Authorization under Rule 10 of the Bio-Medical Waste Management Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg.

**Ref:**

1. Unit's application no. 48817801 dated: 07.11.2022.
2. BMW-IR.No: F.2929MMN/BWA/RL/DEE/MMN/2022 dated 07/12/2022.

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### AUTHORISATION FOR OPERATING A FACILITY FOR GENERATION, COLLECTION, RECEPTION, TREATMENT, STORAGE, TRANSPORT AND DISPOSAL OF BIO-MEDICAL WASTES

1. File number of authorization: 22BAC48817801 and date of issue: 23/12/2022
2. The Managing Director of M/s. KARPAGA VINAYAGA EDUCATIONAL TRUST, an occupier or operator of the facility located at S.F.No.42/4A,43/4,49/1,2,3,4,50/1,3 & 51/4B,53/2 OF NO.24.PALAYANOR & KOLAMBAKKAM VILLAGE AND SURVEY NOS. 108/1,109/1A,1B,2A1,2A2,2A3,3A1,3A2,3A3,&4,110/1,2,3,4 & 5,111/1A1,1A2,1B,1C,1D1,1D2,1E,1F,2A&2B,112/1,2,3,4&5,113,114/1,2,3,4,5,6 & 7,115,116/1,2A,2B,119/1A1,1F,1G2,2A,127/1,2,3,4,5,6,128/1,2,3,129/1,2,130/1A,1B1,1B2,1C,131/5,6,7A &7B OF MOOSIVAKKAM VILLAGE, PAZHAYANUR Village, MADURANTHAGAM Taluk, Chengalpattu District is hereby granted an Authorisation for Generation, Segregation, Collection, Storage, Packaging, Disposal of Bio-Medical Waste
3. M/s. KARPAGA VINAYAGA EDUCATIONAL TRUST is hereby authorized for handling of Bio-Medical waste as per the capacity given below.

**POLLUTION PREVENTION PAYS**



## TAMILNADU POLLUTION CONTROL BOARD

|     |  |  |  |             |
|-----|--|--|--|-------------|
| i)  | Number of beds of HCF                                      | 570  | Nos                                    |             |
| ii) | Quantity of Bio-Medical Waste handled, treated or disposed |  |  |             |
|     | <b>Category</b>  | <b>Type of Waste</b>   | <b>Quantity permitted for handling</b> | <b>Unit</b> |
|     | Yellow   | a) Human Anatomical Waste  | 95                                     | Kg/day      |
|     |  | b) Animal Anatomical Waste   | 0                                      | Kg/day      |
|     |  | c) Soiled Waste  | 140                                    | Kg/day      |
|     |  | d) Expired or Discarded Medicines  | 17                                     | Kg/day      |
|     |  | e) Chemical Solid Waste  |  | Kg/day      |
|     |  | f) Chemical Liquid Waste in KLD  | 8                                      | KLD         |
|     |  | g) Discarded linen, mattresses, beddings contaminated with blood or body fluid routine mask and gown | 2                                      | Kg/day      |
|     |  | h) Microbiology, Biotechnology and other clinical laboratory waste                                   | 1                                      | Kg/day      |
|     | <b>Category</b>  | <b>Type of Waste</b>   | <b>Quantity permitted for handling</b> | <b>Unit</b> |
|     | Red  | Contaminated waste (Recyclable)  | 2                                      | Kg/day      |
|     | White(Translucent)   | Waste sharps including Metals  | 12                                     | Kg/day      |
|     | Blue   | Glassware  | 1                                      | Kg/day      |
|     |  | Glassware Metallic Body  | 1                                      | Kg/day      |

4. The authorization shall be in force for a period up to 31/03/2024
5. The authorization is issued 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.

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**For Member Secretary  
Tamil Nadu Pollution Control Board  
Chennai**

### TERMS AND CONDITIONS OF AUTHORIZATION

1. The authorization shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Tamil Nadu State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Bio-Medical wastes without obtaining prior permission of Tamil Nadu State Pollution Control Board.



## TAMILNADU POLLUTION CONTROL BOARD

4. 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.
5. It is the duty of the authorized person to take prior permission of the Tamil Nadu Pollution Control Board to close down the facility and such other terms and conditions may be stipulated by Tamil Nadu Pollution Control Board.
6. Any other conditions for compliance as per the Guidelines issued by the MoEF&CC or CPCB from time to time.

### ADDITIONAL CONDITIONS

1. The unit shall renew and have valid agreements with Biomedical waste facilitator at all times.
2. The unit shall possess valid consents of the Board under water and Air Acts at all times.
3. The unit shall comply with all the provisions of the Biomedical Waste Management Rules, 2016 from time to time
4. The unit shall furnish the annual report before 30th of June every year to the TNPCB and ensure the annual reports on BMW are available on the website of HCF.
5. Only segregated biomedical wastes from hospital shall be handed over to the facility.
6. Untreated human anatomical waste, animal anatomical waste, soiled waste and bio technology waste shall not be stored beyond a period of 48 hours.
7. The unit shall ensure that the bio – medical waste should always be stored temporarily in the separate area specifically earmarked for the temporary storage only, before handling over the same to the common facility.
8. The unit shall destroy the needles properly before disposed in to common facility and shall maintain the needle destroyer in good condition.
9. The unit shall follow good housekeeping practices.
10. The unit should ensure that the un-segregated Bio Medical wastes are not sent to the common facility under any circumstances.
11. The unit should always ensure that the non-Biomedical wastes may not be mixed with Bio Medical waste under any circumstance.
12. The Unit's activity shall not attract any public complaint.

### SPECIAL CONDITIONS - HCF

|   |   |
|---|---|
| 1 | 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 the Bio-Medical Waste (BMW) 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 BMW Management Rules, 2016. |

### POLLUTION PREVENTION PAYS



## TAMILNADU POLLUTION CONTROL BOARD

|    |  |
|----|--|
| 4  | 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) guidelines on safe management of wastes from health care activities and WHO Blue Book, 2014 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(excluding blood bags) and gloves by 27 <sup>th</sup> March, 2019   |
| 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 give treated bio-medical waste with municipal solid waste.   |
| 8  | The HCF shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises or for the further treatment and disposal in accordance with the guidelines issued by the Central Pollution Control Board by 27 <sup>th</sup> March, 2019   |
| 9  | The HCF shall ensure segregation of liquid chemical waste at source and also 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 BMW Management Rules, 2016.  |
| 12 | The HCF shall inform to TNPCB immediately in case the operator of a CBMWTF 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 the 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 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 code and global positioning system shall be added by the Occupier and common bio-medical waste treatment facility in one year time.   |
| 18 | Untreated human anatomical waste, animal anatomical waste, soiled waste and biotechnology waste shall not be stored beyond a period of forty-eight 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 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.  |



## TAMILNADU POLLUTION CONTROL BOARD

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| 20 | Cytotoxic drug vials shall not be handed over to unauthorized 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 at temperature $>1200^{\circ}\text{C}$ .   |
| 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, blood bags should be disinfected or sterilized as per the Guidelines of World Health Organization or National AIDS Control Organization 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, 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 (TNPCB) 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 available the annual report on its web-site within a period of two years from the date of publication of Bio-Medical Waste management (Amendment) Rules, 2018  |
| 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 any institution of 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 BMW Management Rules, 2016<br>i. Chemical treatment using at least 1% to 2% Sodium Hypochlorite having 30% residual chlorine for twenty minutes or any other equivalent chemical reagent that should demonstrate Log <sub>10</sub> 4 reduction efficiency for microorganisms as given in Schedule- III.<br>ii. Mutilation or shredding must be to an extent to prevent unauthorized reuse. |

RAMASAMY

RAJAMANICKAM

Digitally signed by RAMASAMY  
RAJAMANICKAM  
Date: 2022.12.23 21:17:48 +05'30'

**For Member Secretary  
Tamil Nadu Pollution Control Board  
Chennai**

**POLLUTION PREVENTION PAYS**



## TAMILNADU POLLUTION CONTROL BOARD

To

The Managing Director  
KARPAGA VINAYAGA EDUCATIONAL TRUST  
108/1CHINNAKOLAMBAKKAM,PALAIYANUR POST,CHENGALPATTU DIST.  
Pin: 603038

Copy to:

1. The District Environmental Engineer, Tamil Nadu Pollution Control Board, MARAIMALAI NAGAR
  2. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai
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