



## TELANGANA POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate, Sanathnagar, Hyderabad-500 018  
Phones : 040-23887500 Fax: 040-23815631

### RENEWAL OF CONSENT & AUTHORISATION ORDER

**Consent Order No:33/TGPCB/HO/CBMWTF/CFO/2025**

**Date:26.09.2025**

Consent Order for Renewal or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, authorization / Renewal of authorization under Rule 5 (4) of the Hazardous Wastes (Management, Handling and Transboundary, Movement ) Rules, 2008 and Authorization under Rule 10 of the Bio Medical Wastes Management Rules, 2016.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act 1981 Authorisation under the provisions of HW (Management and Transboundary Movement) Rules and Authorisation under the provisions of BMW Management Rules, (hereinafter referred to as 'the Acts', the Rules') and the rules and orders made thereunder to

**M/s. Maridi Bio Industries Pvt. Ltd.,  
Sy. No. 63/1, Maddur (V),  
Narasapur (M), Medak District.**

(Hereinafter referred to as 'the Applicant') authorizing to operate the Common Bio-Medical Waste Treatment Facility to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below.

#### I. Outlets for discharge of effluents:

| Outlet No. | Outlet Description                | Max Daily Discharge (KLD) | Point of Disposal                                                      |
|------------|-----------------------------------|---------------------------|------------------------------------------------------------------------|
| 1.         | Processing and washing            | 0.5 KLD                   | Recycle within the Process                                             |
| 2.         | Other Floor Washings & Auto Clave | 1.5 KLD                   | Onland for plantation in the facility premises after treatment in ETP. |
|            | <b>Total</b>                      | <b>2.0 KLD</b>            |                                                                        |

#### II. Emissions from chimneys:

| Chimney No. | Description of Chimney                                                           | Control equipment provided                                                                                                                                               | Flow rate in m3/hr | Stack height in Mts – above GL |
|-------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|
| 1           | Attached to the High Speed Diesel (HSD) fired incinerator of capacity 200 kgs/hr | Gas cooling tower connected to cyclone separator followed by three module bag filters having ceramic candle filters as APCE to the incinerator to control SPM emissions. | --                 | 30 mts                         |
| 2           | Attached to the DG set of capacity 62.5 KVA                                      | Acoustic enclosures                                                                                                                                                      |                    |                                |

**III. Technical details of Treatment Equipment:**

|                                |                                                                                                                                                                           |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A. Incinerator                 |                                                                                                                                                                           |
| a) Capacity                    | 200 kg/hr                                                                                                                                                                 |
| b) Type                        | Double chamber                                                                                                                                                            |
| c) Fuel used                   | High Speed Diesel (HSD)                                                                                                                                                   |
| d) Height of the Stack         | 30 Mts                                                                                                                                                                    |
| e) Nature of control equipment | Gas Cooler followed by Cyclone & Filtration unit with Ceramic Candle filter.                                                                                              |
| B. Autoclave:                  |                                                                                                                                                                           |
| Capacity                       | 1275 Liters/Batch                                                                                                                                                         |
| parameters                     | Temperature 121 °C, pressure 15 psi and residence time not less than 60 minutes shall be maintained.                                                                      |
| C. Shredder                    |                                                                                                                                                                           |
| Capacity                       | 1 x 40 Kg/hr and 1 x 250 Kg/hr capacity shall be provided for shredding, autoclaved BM waste with suitable air pollution control equipment for control of dust emissions. |
| D. Sharp Pit / Encapsulation   |                                                                                                                                                                           |
| Sharp Pit/ Encapsulation       | The Facility shall provide sharp pits and landfill after proper encapsulation or may send the Sharp waste to Authorized Recyclers (Iron Foundry after autoclaving).       |

**IV. HAZARDOUS WASTE AUTHORIZATION (FORM – II ) [SEE RULE – 6 (2) ]**

**M/s. Maridi Bio Industries Pvt. Ltd., Sy.No. 63/1, Maddur (V), Narasapur (M), Medak District** is hereby granted an Authorisation to operate a facility for collection reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

**A. HAZARDOUS WASTE:**

| S. No | Name of the Hazardous Waste | Stream               | Quantity of Hazardous Waste | Disposal Option                    |
|-------|-----------------------------|----------------------|-----------------------------|------------------------------------|
| 1     | Incinerator Ash             | 36.2 of Schedule – I | 240 Kgs/day                 | TSDF, Dundigal Rangareddy District |
| 2.    | ETP Sludge                  | 34.3 of schedule - I | 5.0 Kgs/day                 |                                    |

**B. OTHER WASTE:**

| SL. No | Name of Other Waste   | Stream | Quantity of Waste                           | Disposal Option                                                                     |
|--------|-----------------------|--------|---------------------------------------------|-------------------------------------------------------------------------------------|
| 1      | Plastic Waste         | -      | Collected from the Member HCFs for disposal | After Autoclaving & shredding, treated waste shall be sent to authorized recyclers. |
| 2.     | Metallic Sharps/Waste | -      | Collected from the Member HCFs for disposal | After Autoclaving & shredding, treated waste shall be sent to authorized /          |

|    |             |   |                                             |                                                                                                      |
|----|-------------|---|---------------------------------------------|------------------------------------------------------------------------------------------------------|
|    |             |   |                                             | recyclers (Iron Foundries)                                                                           |
| 3. | Glass Waste | - | Collected from the Member HCFs for disposal | After disinfection and autoclaving, treated waste shall be sent to authorized / Consented recyclers. |

#### V. Bio-Medical Waste Authorisation (Form – III) [See Rule 10]

(Authorization for operating a facility for collection, transportation, reception, storage, treatment and disposal of biomedical waste as prescribed in the Bio-Medical Waste Management Rules, 2016).

**M/s. Maridi Bio Industries Pvt. Ltd.,** is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of biomedical waste in the premises situated at Sy.No. 63/1, Maddur (V), Narasapur (M), Medak District.

This order is valid to collect, transport, treat and safe disposal of Bio-medical Waste generated from the HCEs/Hospitals located in erstwhile Ranga Reddy & Hyderabad District (Presently Hyderabad, Medchal-Malkajgiri, Rangareddy & Vikarabad Districts)., duly complying the Bio-Medical Waste Management Rules, 2016 and the guidelines for Common Bio-medical Waste Treatment Facility, issued by Central Pollution Control Board.

This order is subject to the provisions of 'the Acts' and the Rules' and orders made there under and further subject to the terms and conditions incorporated in the schedule A, B, C & D enclosed to this order.

This combined order of Consents, Hazardous Waste & Bio- medical waste Authorisation shall be valid for a period ending with the **31<sup>st</sup> Day of October, 2030.**

**Sd/-  
MEMBER SECRETARY**

**Encl: Schedules A, B, C & D.**

**To  
M/s. Maridi Bio Industries Pvt. Ltd.,  
Sy. No. 63/1, Maddur (V),  
Narasapur (M), Medak District.**

**//T.C.F.B.O //**

**Joint Chief Environmental Engineer**

*E. By*

### **SCHEDULE – A**

1. The applicant shall make applications for renewal of Consent (under Water and Air Acts), Authorisation under BMW Rules and Authorisation under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent, along with prescribed fee under BMW Rules for obtaining BMW Authorisation and HW Authorisation of the Board.
2. The applicant shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents & quantity of emissions etc.
  - a) All the fugitive emissions shall be controlled with proper measures.
  - b) The applicant shall also install the equipment such as wind speed recorder, wind direction recorder.
3. The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
4. The applicant shall, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production shall be stopped.
5. Any up-set condition in any plant/plants of the facility, which result in, increased effluent discharge and/ or violation of standards stipulated in this order **or** the emission of any Air Pollutant into the environment in excess of the standards laid down by the Board, occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge / emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax / email under intimation to the Collector and District Magistrate.
6. In case of such episodal discharges / emissions mentioned in item 6 above, the facility should take immediate action to bring down the discharge / emission below the limits prescribed in this order.
7. A good housekeeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm drains or open areas.
  - a) The facility shall carryout analysis of waste water discharges or emissions through chimneys, for the parameters mentioned in Schedule – B of this order at regular intervals.
  - b) The facility shall maintain following records accessible to the Board, whenever required.
    - Analysis reports of waste water/ emissions.
    - Log book for operation of pollution control systems.
    - Inspection book
8. The applicant shall set up THREE Ambient Air Quality Monitoring Stations for continuous recording of relevant critical parameters mentioned in Schedule - B as per the CPCB guidelines and submit monthly reports.

9. Separate power connection with energy meter shall be provided for the Pollution Control Equipments and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.
10. The applicant shall comply with the directives/orders issued by the Board in this order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
11. The applicant shall furnish to the visiting officer and / or the Board any information regarding the construction, installation or operation of the effluent treatment system / air pollution control equipment / secured storage area of Hazardous Waste and such other particulars as may be pertinent for preventing and controlling pollution.
12. The facility is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as Civil liability.
13. All the rules & regulations notified by Ministry of Law and Justice, Government of India regarding Public Liability Insurance Act, 1991 shall be followed.
14. The occupier shall educate the workers and nearby public of possible accidents and remedial measures.
15. Any person authorized shall not rent, lend, transfer their industrial premises without obtaining prior permission of the State Pollution Control Board.
16. Any unauthorized change in personnel, equipment or working condition as mentioned in the application by the person authorized shall constitute a breach of his authorisation.
17. The facility shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board shall provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board shall display online data on quantity and nature of hazardous chemicals being used in the plant, as well as water, air emissions and solid waste generated within the factory premises.
18. The applicant shall exhibit the Consent, HW BMW Authorisation order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
19. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof **and** under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and its amendments thereof to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Acts by the Board.
20. The authorisations issued under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 and Bio-Medical Waste Management Rules, 2016 shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
21. Facility shall produce combined order for inspection at the request of an officer authorized by the prescribed authority.
22. For any accident or spillage of hazardous wastes causing damage to the Environment, the occupier or the transporter as the case shall be held responsible.

23. In case of closure of facility, the un-used/not consumed raw materials falling under the category of Hazardous Chemicals and mentioned in Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amendment Rules, 2003 shall be removed and sold to other units within 90 days from the date of closure to prevent any possibility of occurrence of an accident. In case the above hazardous chemicals have lost their properties originally acquired, then they shall be treated, as Hazardous Waste and they should be disposed off only to the agencies authorized by TSPCB in a safe manner.
24. The occupier shall prepare/update Emergency preparedness plan for safe handling of hazardous waste from time to time and submit the same to TSPCB. Emergency preparedness plan must be implemented immediately whenever there is fire, explosion or release of hazardous waste or hazardous waste constituents, which could endanger to human health or environment.
25. Packaging, labeling and transportation of Hazardous Wastes shall be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling shall be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label.
26. The driver who transports Hazardous Waste should be well acquainted about the procedure to be followed in case of an emergency during transit. The transporter shall carry a Transport Emergency (TREM) Card (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.
27. No Hazardous Wastes shall be mixed with any other wastes or shall be discharged to a common, other internal, external sewerage or other drainage system without prior approval of TSPCB.
28. The facility shall comply with the provisions of Batteries (Management & Handling) Rules, 2001.
29. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Andhra Pradesh Water Rules, 1976 and Air Rules, 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

### **SCHEDULE - B**

#### **Special Conditions**

1. The effluent discharged shall not contain constituents in excess of the tolerance limits mentioned below.

| Outlet | Parameter No.                          | Limiting Standards |
|--------|----------------------------------------|--------------------|
| 1.     | PH                                     | 6.50 – 9.00        |
| 2.     | Total Suspended solids (at 103-105° C) | 200                |
| 3.     | Total Dissolves Solids (TDS)           | 2100               |
| 4.     | Oil and Grease                         | 10                 |
| 5.     | Chemical Oxygen Demand (COD)           | 250                |
| 6.     | Biochemical Oxygen Demand (BOD)        | 30 mg/lit.         |

2. The facility shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

| S. No. | Purpose            | Quantity (KLD) |
|--------|--------------------|----------------|
| 1.     | Process & Washings | 1.0            |
| 2.     | Floor Washing      | 1.5            |
| 3.     | Domestic           | 0.2            |
| 4.     | Greenbelt          | 1.0            |
|        | <b>Total</b>       | <b>3.7</b>     |

3. The facility shall maintain the records of details on the water consumption, waste water generation, solid waste, etc and shall submit the details to the Board every month regularly.
4. The facility shall ensure for live streaming of GPS connected vehicle in the website for daily tracking of the collecting of Bio-medical waste from HCFs to CBMWTFs and also to submit updated website address along with user ID and Password to the Board within one week.
5. The facility shall completing registration of all the member HCFs including non-bedded HCFs in online Bar-code manifest system of TSPCB and shall collect Biomedical waste from HCFs using Online Barcode manifest application only and also to scan at the Facility for tracking the waste ensuring proper disposal.
6. The facility shall feed the BMW incinerator through Auto-feeding system only.
7. The facility shall update the website and to upload the required information / data i.e., monthly reports, annual reports, Consents, list of member HCFs etc, along with complete details, in the website for public access immediately.
8. The facility shall submit monthly biomedical waste collection details to the Board regularly and shall also submit the list of HCFs operating without having membership of CBMWTFs & authorization from the TGPCB located in the area allocated for collection of Biomedical waste.
9. The incinerator shall meet the following operating standards:
  - a. Combustion efficiency (CE) shall be at least 99.00%.
  - b. The Combustion efficiency is computed as follows:
 
$$C.E = \frac{\%CO_2}{\%CO_2 + \%CO} \times 100$$
  - c. The temperature of the primary chamber shall be a minimum of 800°C and the secondary chamber shall be minimum of 1050 + or - 50°C.,
  - d. The secondary chamber gas residence time shall be at least two seconds.
10. The emissions from incinerator shall not contain constituents in excess of the prescribed limits mentioned below.

| Sl. No. | Parameters               | Limiting concentration in mg/Nm3 |
|---------|--------------------------|----------------------------------|
| 1.      | Particulate matter       | 50                               |
| 2.      | Nitrogen Oxides NOx      | 400                              |
| 3.      | HCl                      | 50                               |
| 4.      | CO & CO <sub>2</sub>     | 100                              |
| 5.      | Hg & Compounds           | 0.05                             |
| 6.      | Total dioxins and furans | 0.1 ng TEQ/Nm3                   |

11. A PLC (Programmable Logic Control) based control system shall be installed to the incinerator.
12. The Air Pollution control equipment shall be operated continuously.
13. Graphic or computer recording devices installed to the incinerator to monitor and record dates, time of day, load identification number and operating parameters such as temperatures in both chambers and CO and CO<sub>2</sub> in gaseous

emission throughout duration of incineration cycle, shall be to operated continuously.

14. The waste should be charged only after the required temperatures in the primary and secondary chambers are attained during the beginning of the operation of incinerator and the required temperatures shall be maintained in the chambers during operation.
15. A skilled person shall be designated to operate and maintain the incinerator. The operator shall have adequate qualification in relevant subject and should be trained and certified by the incinerator supplier in operation & maintenance of the incineration.
16. All the staff at the incinerator plant shall put on protective gears such as gumboots, gloves, glass etc. to avoid contact with the bio-medical wastes.
17. Minimum stack height to the incinerator shall be 30 meters above ground.
18. Volatile organic compounds in ash shall not be more than 0.01%.
19. Toxic metals in incineration ash shall be limited within the regulatory quantities as defined under the Hazardous Waste (Management and Handling) Rules, 1989.
20. The autoclave should be dedicated for the purposes of disinfecting and treating bio-medical waste. The medical waste shall be subjected to the required temperature, pressure and time as specified in Schedule – II of Bio-Medical Waste Management Rules, 2016.
21. The autoclave shall have graphic or computer recording devices which will automatically and continuously monitor and record dates, time of day, load identification number and operating parameters throughout the entire length of the autoclave cycle. The applicant shall carry out Validation Test of autoclave (Spore Testing and Routine Test).
22. The shredder for bio-medical waste shall be of robust design with minimum maintenance requirement. In case of shock loading (non-shreddable material in the hopper), there should be a mechanism to automatically stop the shredder to avoid any emergency/accident.
23. The facility shall comply with ambient air quality standards of PM<sub>10</sub> (particulate matter size less than 10µm) - 100 µg/ m<sup>3</sup>; PM<sub>2.5</sub> (particulate matter size less than 2.5µm) - 60 µg/ m<sup>3</sup>; SO<sub>2</sub> - 80 µg/ m<sup>3</sup>; NO<sub>x</sub> - 80 µg/m<sup>3</sup>, outside the factory premises at the periphery of the facility.

**Noise Levels:**      Day time      (6 AM to 10 PM) - 75 dB (A)  
                                         Night time      (10 PM to 6 AM) - 70 dB (A).

24. The applicant shall submit shredded plastic to TSPCB authorised recyclers and submit the details every year to the concerned RO by marking a copy to the Head office.
25. The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Rules, 1986 & amendments.
26. The applicant shall submit an annual report to the TG Pollution Control Board in Form-IV by 30<sup>th</sup> June of every year for the period from January to December of the preceding year to include information about the categories and quantities of bio-medical waste handled.

**SCHEDULE – C**  
[ see rule 6 (2)]

**[ CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATOR  
HANDLING HAZARDOUS WASTES ]**

1. The industry shall give top priority for waste minimization and cleaner production practices.
2. The industry shall not store hazardous waste for more than 90 days as per the Hazardous and other wastes (Management, Handling and Transboundary Movement) Rules, 2016 and amendments thereof.
3. The facility shall maintain 6 copy manifest system for transportation of waste generated and a copies of receipt of Consignee shall be submitted to the concerned Regional Office.
4. The facility shall maintain proper records for Hazardous wastes stated in Authorisation in FORM – 3 i.e., quantity of incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form – 4 as per Rule 20(2) of the Hazardous and other wastes (Management, Handling and Transboundary Movement) Rules, 2016 and amendments thereof.
5. The facility shall dispose / sell the Hazardous waste to only industries / agencies authorized by the State PCB. The industry shall verify the authorization of the Board given to the party before disposing its waste to the External Party.
6. The facility shall maintain proper records for Hazardous wastes disposal and its concurrence with authorization, in case of variation in generation, facility shall submit explanation and obtain amendment in CFE / CFO in this regard.
7. The facility shall store used / waste oil and used lead acid batteries in a secured way in their premises till its disposal. Waste oil shall be disposed to the authorized Re-processors / Recyclers and used lead acid batteries shall be disposed to the manufacturer / authorized dealer on buy back basis.
8. The facility shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises.
9. The facility shall maintain good housekeeping & maintain proper records for Hazardous wastes stated in Authorisation.
10. The facility shall dispose of e-waste to the authorized recyclers only.

**SCHEDULE – D**

[See rule 10]

**[CONDITIONS OF AUTHORISATION ISSUED UNDER BIO-MEDICAL WASTE  
MANAGEMENT RULES, 2016]**

1. The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Telangana State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the bio-medical waste without obtaining prior permission of the Prescribed Authority.
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 authorisation.
5. It is the duty of the authorized person to take prior permission of the Prescribed Authority to close down the facility.

6. The authorized person shall collect BMW from all Health Care Establishments (HCEs) authorized by the Board without fail.
7. The authorized person shall submit route map of collection of BMW for each transport vehicle to the concerned Regional Office and Head Office.
8. The facility shall take all necessary steps to ensure that the bio-medical waste collected from the HCE is transported, handled, stored, treated and disposed of, without any adverse effect to the human health and the environment, in accordance with these rules and guidelines issued by the Central Government or, as the case may be, the central pollution control board from time to time.
9. The facility shall ensure timely collection of bio-medical waste from the occupier as prescribed under BMW Management Rules, 2016.
10. The facility shall establish bar coding and global positioning system for handling of bio- medical waste within one year from the date of notification of BMW Management Rules, 2016.
11. The facility shall inform the prescribed authority immediately regarding the occupiers which are not handing over the segregated bio-medical waste in accordance with BMW Management Rules, 2016.
12. The facility 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.
13. The facility shall assist the HCEs in training conducted by them for bio-medical waste management.
14. The facility 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.
15. The facility shall ensure occupational safety of all its workers involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipment.
16. The facility 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.
17. The facility 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.
18. The facility shall allow occupier , who are giving waste for treatment to the operator, to see whether the treatment is carried out as per the rules;
19. The facility shall display details of authorisation, treatment, annual report etc on its web-site.
20. The facility, 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 TSPCB.
21. The facility shall supply non-chlorinated plastic coloured bags to the HCEs on chargeable basis, if required.
22. The facility shall ensure collection of biomedical waste on holidays also.
23. The facility shall maintain all record for operation of incineration, hydroor autoclaving for a period of five years.

24. The facility shall treat and dispose the bio-medical waste in accordance with Schedule – I and in compliance with the standards prescribed in Schedule – II as per Bio-Medical Waste Management Rules, 2016.
25. The colored bags handed over by the healthcare facilities shall be collected in similar colored containers and such colored containers should be strong enough to withstand any damage that may occur during loading or unloading of such containers. Sharps shall be collected in puncture resistant containers. The container shall have a cover with the provision to seal it.
26. The containers of Bio-medical waste shall be labeled according to Schedule – III and also carry information prescribed in Schedule – IV of Bio-medical Waste Management Rules, 2016.
27. The authorized person shall not accept the non segregated waste from the HCEs and such incident shall be reported to Prescribed Authority.
28. The person responsible for collection of bio-medical waste shall also carry a register with him to maintain the records such as name of the hospitals, the quantity and type of wastes handled, signature of the person from the hospital side, day and time of collection etc.
29. The bio-medical wastes collected in colored containers shall be transported to the CBWTF in a fully covered vehicle. The transport vehicles carrying BMW shall have separate compartments to maintain the segregation of wastes. The driver of the vehicle or the accompanied staff shall maintain necessary records while receiving and handing over the wastes.
30. The vehicle shall be labeled with the Bio-medical waste symbol (as per Schedule – III of the rules) and should display the name, address and telephone number of Common Bio-medical Waste Treatment Facility. The rear side of the carrier shall have provision of full opening so that waste containers could be easily loaded and unloaded and also the carrier can be washed and disinfected easily.
31. Notwithstanding anything contained in the Motor Vehicles Act, 1988, or rules there under, untreated biomedical waste shall be transported only in such vehicles as may be authorized for the purpose by the competent authority as specified by the Government.
32. Every time a vehicle is unloaded, the vehicle and empty waste containers shall be washed properly and disinfected using disinfectants. It can be carried out in an open area but on an impermeable surface and liquid effluent so generated shall be collected and treated in the effluent treatment plant. The impermeable area shall be of enough size so as to avoid spillage of liquid during washing.
33. An identification board of durable material and finish shall be displayed at the entrance to the facility. This shall clearly display the name of the facility, the name, address and telephone number of the operator and the prescribed authority, the hours of operation and the telephone numbers of the personnel to be contacted in the event of an emergency.
34. The authorized person shall maintain records related to collection, reception, storage, transportation, treatment, disposal and/or any form of handling of biomedical waste in accordance with the Bio-medical Rules and the guidelines for CBMWTF issued by Central Pollution Control Board.
35. Every CBMWTF shall submit a work-plan to the prescribed authority. The work-plan should include the details of facilities at the CBMWTF, the collection, transportation & storage of the bio-medical wastes and operational details.
36. The open area within the CBMWTF shall be developed into greenbelt.

37. The proponent shall provide a closed pipeline system for carrying the effluent from the generation point to the ETP in order to avoid the mixing with rain water.
38. All activities like washing of vehicles packing of shredded items, transferring or storage of any waste shall be done in this closed shed only.
39. The proponent should construct the first flush retention pond to store rainwater. The water collected in the first flush retention pond shall be used for floor washings, and development of green belt to the extent possible after testing for microbial contamination.
40. The facility shall install Auto feed / on-line monitoring system within one month and report the compliance to the concerned Regional Office and Head Office.
41. The authorized person shall dispose the incineration ash to the Treatment Storage and Disposal Facility (TSDF), located at Rangareddy District.
42. The facility shall comply with the Bio-Medical Waste Management Rules, 2016.
43. The facility shall submit the condition wise compliance report of the conditions stipulated in Schedule B, C & D of this order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

**Sd/-**  
**MEMBER SECRETARY**

**To**  
**M/s. Maridi Bio Industries Pvt. Ltd.,**  
**Sy. No. 63/1, Maddur (V),**  
**Narasapur (M), Medak District.**

//T.C.F.B.O //

  
**Joint Chief Environmental Engineer**