

Form – I

[(See rule 4(o), 5(i) and 15 (2))]

ACCIDENT REPORTING

1. Date and time of accident: NIL (No Accident reported in year 2024)
2. Type of Accident : Not Applicable
3. Sequence of events leading to accident : Not Applicable
4. Has the Authority been informed immediately : Not Applicable
5. The type of waste involved in accident : Not Applicable
6. Assessment of the effects of the accidents on
human health and the environment: Not Applicable
7. Emergency measures taken : Not Applicable
8. Steps taken to alleviate the effects of accidents : Not Applicable
9. Steps taken to prevent the recurrence of such an accident : Not Applicable
10. Does your facility have an Emergency Control policy? If yes give details:

Facility has onsite/offsite emergency plan



Date: 30.01.2025

Signature

Place: Mithapur

Designation: AGM-EMS

MR's OFFICE

TATA CHEMICALS

TITLE : MINUTES OF REVIEW MEETING

Meeting Purpose : Compliance status wrt BMW Rules, 2016 Date: 17.12.2024
Members Present : Dr. Sanjeev Bhatnagar, Dr. Ajith, Sister Grace Kolenchery, Sahil Moradiya

Members Absent :

Special Invitees :

Sr.No	TOPICS OF DISCUSSION	ACTION PLAN	PLANNED DATE FOR ACTION	RESPONSIBILITY
1	Compliance status wrt to Bio Medical Waste management Rules, 2016	Compliance report is attached	—	Dr. Ajith
2	Receipt of waste collection from CBWTF	CBWTF should provide receipt of waste collection	Immediate	EMS Dept./ Purchase Dept.

Date : 17.12.2024
copy to :

Authorised Person
Page No. of

Form No. : QSF-MR-01-03

Form Rev. No. : 04

Form Rev. Date :30.06.2008

Bio Medical Waste Management Rules, 2016 & its amendment - Compliance Report

Clause	Sub - clause	Points	Status	Remarks
2	Application			
	1	These rules shall apply to all persons who generate, collect, receive, store, transport, treat, dispose, or handle bio medical waste in any form including hospitals, nursing homes, clinics, dispensaries, veterinary institutions, animal houses, pathological laboratories, blood banks, ayush hospitals, clinical establishments, research or educational institutions, health camps, medical or surgical camps, vaccination camps, blood donation camps, first aid rooms of schools, forensic laboratories and research labs.	Noted	
4	Duties of Occupier			
	Rule 4(a)	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 these rules;	Complied	Waste Handle with PPE's
	Rule 4(b)	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, to ensure 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;	Complied	Separate BMW storage room provided and all waste are segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I.
	Rule 4(c)	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 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.	Complied	Waste disinfected in sodium hypochlorite
	Rule 4(d)	phase out use of chlorinated plastic bags (excluding blood bags) and gloves by the 27th March 2019;	Complied	Non chlorinated bag and gloves in use
	Rule 4(e)	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;	Complied	solid waste collected in black waste bin
	Rule 4(f)	not to give treated bio-medical waste with municipal solid waste;	Complied	BMW Disposal to authorized CBWTF
	Rule 4(g)	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;	Complied	Last Training given on 16/08/2024 BMW training and induction training records are maintained.
	Rule 4(h)	immunise 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 Immunisation Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time;	Complied	Vaccination done
	Rule 4(i)	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 CPCB by 27.03.2019;	Complied	Bar Code System is Maintain
	Rule 4(j)	ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralisation prior to mixing with other effluent generated from health care facilities;	Complied	
	Rule 4(k)	ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974);	Complied	effluent treated in STP
	Rule 4(l)	ensure occupational safety of all its health care workers and others involved in handling of biomedical waste by providing appropriate and adequate personal protective equipments;	Complied	PPE's provided
	Rule 4(m)	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;	Complied	Health check up done once in a year and all records are maintained. Last Check up done on 08.04.2024

	Rule 4(n)	in case of all bedded health care units, 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;	Complied	Daily waste log maintained Monthly Record Available on TCL Website.
	Rule 4(o)	report major accidents including accidents caused by fire hazards, blasts during handling of biomedical 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;	Complied	No Accident Record
	Rule 4(p)	in case of all bedded health care facilities (any number of beds), make available the annual report on its web-site within a period of two years from the date of publication of Biomedical waste management (Amendment) Rules, 2018;	Complied	Annual Report made available - 2023
	Rule 4(q)	inform the prescribed authority 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;	Noted	
	Rule 4(r)	establish a system to review and monitor the activities related to bio-medical waste management, either through an existing committee or 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 and the healthcare establishments having less than thirty beds shall designate a qualified person to review and monitor the activities relating to bio-medical waste management within that establishment and submit the annual report;	Complied	committee members met on 17/12/2024 MOM Record maintained.
	Rule 4(s)	maintain all record for operation like incinerators and hydro for a period of five years	Complied	Disposal to CBWTF (Bio Waste Mangement Service)
	Treatment and disposal			
	Rule 7(1)	Bio-medical waste shall be treated and disposed of in accordance with Schedule I, and in compliance with the standards provided in Schedule-II by the health care facilities and common bio-medical waste treatment facility.	Complied	Disposal to CBWTF (Bio Waste Mangement Service)
	Rule 7(2)	Occupier shall hand over segregated waste as per the Schedule-I to common bio-medical waste treatment facility for treatment, processing and final disposal: Provided that the lab and highly infectious bio-medical waste generated shall be pre-treated by equipment like autoclave or microwave.	Complied	Disposal to CBWTF (Bio Waste Mangement Service)
	Rule 7(3)	No occupier shall establish on-site treatment and disposal facility, if a service of common biomedical waste treatment facility is available at a distance of seventy-five kilometer.	Complied	Disposal to CBWTF (Bio Waste Mangement Service)
	Rule 7(5)	Any person including an occupier or operator of a common bio medical waste treatment facility, intending to use new technologies for treatment of bio medical waste other than those listed in Schedule I shall request the Central Government for <u>laying down the standards or operating parameters.</u>	Noted	
7	Rule 4(b)	On receipt of a request referred to in sub-rule (5), the Central Government may determine the standards and operating parameters for new technology which may be published in Gazette by the Central Government.	Noted	
	Rule 7(8)	Every occupier shall phase out use of chlorinated plastic bags within two years from the date of publication of these rules and after two years from such publication of these rules, the chlorinated plastic bags shall not be used for storing and transporting of bio-medical waste and the occupier or operator of a common bio-medical waste treatment facility shall not dispose of such plastics by incineration and the bags used for storing and transporting biomedical waste shall be in compliance with the Bureau of Indian Standards. Till the Standards are published, the carry bags shall be as per the Plastic Waste Management Rules, 2016.	Complied	Non chlorinated bag in use
	Rule 7(9)	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 such recyclers having valid authorisation or registration from the respective prescribed authority.	Noted	
	Rule 7(11)	The handling and disposal of all the mercury waste and lead waste shall be in accordance with the respective rules and regulations.	Noted	
	Segregation, packaging, transportation and storage			
	Rule 8(1)	No untreated bio-medical waste shall be mixed with other wastes.	Complied	
	Rule 8(2)	The bio-medical waste shall be segregated into containers or bags at the point of generation in accordance with Schedule I prior to its storage, transportation, treatment and disposal.	Complied	BMW Segregated at the point of generation.
	Rule 8(3)	The containers or bags referred to in sub-rule (2) shall be labeled as specified in Schedule IV.	Complied	

8	Rule 8(4)	Bar code and global positioning system shall be added by the Occupier and common bio-medical waste treatment facility in one year time.	Complied	Waste disposal done with bar code
	Rule 8(7)	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.	Complied	described Waste not store more than 48 Hours
	Rule 8(8)	Microbiology waste and all other clinical laboratory waste shall be pre-treated by sterilisation to Log 6 or disinfection to Log 4, as per the World Health Organisation guidelines before packing and sending to the common bio-medical waste treatment facility.	Complied	Waste disinfected in sodium hypochlorite
Procedure for authorisation				
10	Rule 10	Every occupier or operator handling bio-medical waste, irrespective of the quantity shall make an application in Form II to the prescribed authority i.e. State Pollution Control Board and Pollution Control Committee, as the case may be, for grant of authorisation and the prescribed authority shall grant the provisional authorisation in Form III and the validity of such authorisation for bedded health care facility and operator of a common facility shall be synchronised with the validity of the consents	Complied	BMW.AUTH NO : BMW-35744, VALID UPTO : 02/01/2027
	Rule 10 (4)	In case of any change in the bio-medical waste generation, handling, treatment and disposal for which authorisation was earlier granted, the occupier or operator 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 authorisation.	Noted	
Annual report				
13	Rule 13(1)	Every occupier or operator of common bio-medical waste treatment facility shall submit an annual report to the prescribed authority in Form-IV, on or before the 30th June of every year.	Complied	Annual Report submitted for 2023
	Rule 13(4)	The Annual Reports shall also be available online on the websites of Occupiers, State Pollution Control Boards and Central Pollution Control Board.	Complied	Annual Reports available on TCL Website
Maintenance of records				
14	Rule 14(1)	Every authorised person shall maintain records related to the generation, collection, reception, storage, transportation, treatment, disposal or any other form of handling of bio-medical waste, for a period of five years, in accordance with these rules and guidelines issued by the Central Government or the Central Pollution Control Board or the prescribed authority as the case may be.	Complied	Last 5 years Records are Maintained
	Rule 14(2)	All records shall be subject to inspection and verification by the prescribed authority or the Ministry of Environment, Forest and Climate Change at any time.	Noted	
Accident reporting				
15	Rule 15(1)	In case of any major accident at any institution or facility or any other site while handling bio-medical waste, the authorised 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.	Noted	Not Accident Happened
	Rule 15(2)	Information regarding all other accidents and remedial steps taken shall be provided in the annual report in accordance with rule 13 by the occupier.	Noted	



ANNUAL REPORT (2024)

[TO be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility(CBWTF)]

Sr No:	Particulars	
1.	Particulars of the Occupier	
	(i) Name of the authorized person :	Dr DS Hasurkar
	(ii) Name of HCF or CBWTF :	Tata Chemicals Hospital
	(iii) Address for Correspondence :	Mithapur, , -361001, Dist: Devbhoomi Dwarka, Tal: Dwarka
	(iv) Address of Facility :	Dev. Bio Medical Wastemenagement Services Plot No. 768 A, Gidc,Phase-Ii,Dared, Dist: JAMNAGAR-9
	(v) Tel. No, Fax. No :	9227194082
	(vi) E-mail ID :	sanjeev.jain@tatachemicals.com
	(vii) URL or Website :	
	(viii) GPS coordinates of HCF or CBWTF:	Leti: 22.4097, Long: 69.0040
	(ix) Ownership of HCF or CBWTF :	Private
	(x)Status of Authorization under BMW Rules:	Auth No: BMW-357444, Valid Upto: 1/2/2027
	(xi) Status of Consent under Water, Air Act :	Consent No: BW-116017, Valid Upto: 1/2/2027

Type of Health Care Facility

2	(i) Bedded Hospital	150	
2	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	HOS-General Hospital	
2	(iii) License number and its date of expiry	BMW-357444 valid 02.01.2027	

Quantity of waste generated or disposed in Kg per annum(on monthly average basis)

4	(i) Yellow Category	985.600	
4	(ii) Red Category	1939.000	
4	(iii) White Category	97.800	
4	(iv) Blue Category	295.200	
4	(v) General Solid Waste	12.300	

Details of the Storage, treatment, transportation, processing and Disposal Facility

5	(i) Details of the on-site storage facility	BMW is collected in color coded bags as per BMW Rules	
5	(ii) Treatment Facility	CHM-Chemical Disinfection (chemical treatment)	
5	(iii) Quantity of recyclable waste sold to authorized recyclers after treatment in kg per annum.	0.000	
5	(iv) No. of vehicles used for collection and transportation of biomedical waste	1	
5	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of waste in Kg per annum	0	
5	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which waste are disposed of	Dev. Bio Medical Wastemenagement Services	

BMW management committee

6	Do you have bio-medical waste management committee ? If yes, attach minutes of the meetings held during the reporting period	Yes	MOM dated 13.06.2024 and 17.12.2024
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ANNUAL REPORT (2024)

Details trainings conducted on BMW

7	(i) Number of trainings conducted on BMW Management	5	
7	(ii) Number of Personnel trained	120	
7	(iii) Number of personnel trained at the time of induction	8	
7	(iv) Number of personnel not undergone any training so far	0	
7	(v) Whether standard manual for training is available	Yes	
7	(vi) Any other information	BMW disposed through CBWTF Tupni Jamnagar- Bio Waste Management Service	

Details of the accident occurred during the year

8	(i) Number of Accident occurred	0	
8	(ii) Number of the persons affected	0	
8	(iii) Remedial Action taken (Please atch details if any)	NA	
8	(iv) any Fatality Occurred , details	No	

9	Are you meeting the standards of air Pollution from the incinerator ? How many times in last year could not met the standards?	No.	Not applicable
9	Details of Cuntinuous online emission monitoring ststems installed	Not applicable	
10	Liquid waste generated and treatment methods in place . How many times you have not met the standards in a year	0	
11	Is the disinfection method or sterilization meeting the log 4 standards ? How many times you have not met the standards in a year ?	Yes	As per procedure
12	Any other relevant information	Head of Hospital Facility Dr Sanjeev Bhatnagar	

10	Bio-Medical waste generated for Yellow Category & Quantity	985.600	
10	Bio-Medical waste generated for RED Category & Quantity	1939.000	
10	Bio-Medical waste generated for White Category & Quantity	97.800	
10	Bio-Medical waste generated for Blue Category & Quantity	295.200	
15	Member of CBWTF ? if Yes Name of CBWTF And Validity of CBWTF Membership	Dev. Bio Medical Wastemenagement Services	

Certified that the above report is for the period from

Date:

Place:

Name and Sign of The Head of HCF

Dr DS Hasurkar