



HAAT Supreme Wastech Pvt. Ltd.

Village & Post Office Bajida Jattan, District Karnal

Email: haatsupreme@yahoo.in

Website : hswl.org.in

Ref No. HSWL/2023/ 309

Dated: 26-04-2023

To,

The Regional Officer,
Haryana State Pollution Control Board,
Karnal.

Sub: Environmental Statement of "Common Bio Medical Waste Treatment Facility" of M/s HAAT Supreme Wastech Pvt Ltd, Khewat No. 119/94, Khatoni No. 157, Rect. No. 45, Killa No. 2/1, Village Bajida Jattan, near Railway Crossing, Tehsil & District Karnal, Haryana.

Respected Sir,

Please find enclosed herewith Environmental Statement in the prescribed form V for the year 2022-23 for kind information.

Thanking you,

Your's sincerely

Encl: As above.

For HAAT Supreme Wastech Pvt Ltd.

For Haat Supreme Wastech Pvt. Ltd.

(Authorised Signatory)

Auth. Sign

Head Office : # 316, Defence Colony, Hisar
Mob : 9992600126, 99927-15000

**Environment Statement
(Form – V)
(Period: 01.04.2022 to 31.03.2023)**



Submitted to:

**Regional Officer,
Haryana State Pollution Control Board
Karnal**

Submitted by:

**M/s HAAT Supreme Wastech Pvt Ltd.,
Village Bazida Jattan, District: Karnal (Haryana)**

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FORM V
(See Rule 14)

Environmental Statement for the financial year ending on
31st March, 2023

PART A

1	Name and address of the owner/ occupier of the industry operation or process	:	M/s HAAT Supreme Wastech Pvt. Ltd., Village Bazida Jattan, Distt. Karnal (Haryana)
2	Industry category Primary (SIC Code) Secondary (SIC Code)	:	Red Category
3	Production capacity	:	Incinerator : 70 Kgs/hr Autoclave : 25 Kgs/hr Shredder : 50 Kgs/hr ETP : 2400 Ltrs/day DG set : 45 KVA
4	Year of establishment	:	2004
5	Date of the last environmental statement submitted	:	12.08.2022

- Consent to operate under Water/Air Acts, 1974/1981 for FY 2022-23 is annexed as **Annexure-I.**
- Authorization under HOWM Rules, 2016 for FY 2022-23 is annexed as **Annexure-II.**
- Authorization under BMW Rules for FY 2022-23 is annexed as **Annexure-III.**

PART B

Water and Raw Material Consumption:

Water Consumption (m³/day): **01 m3/day**

Table 1

Sr.No	Utilization	Requirement m3/d
1	Floor Washing (Reuse after Treatment)	0.2
2	Vehicle washing (Reuse after Treatment)	0.4
2	Domestic use	0.5
3	Venturi Scrubber	0.5

Name of Products	Process Water Consumption per unit of production output	
	During previous financial Year (2021-22)	During current financial Year (2022-23)
Treatment of Bio Medical Waste	As mentioned in Table 1 above	As mentioned in Table 1 above

1. Raw Material Consumption:

Name of Raw Materials	Name of Products	Consumption of Raw material in Kgs	
		During previous Financial Year (2021-22)	During current financial Year (2022-23)
Bio Medical Waste	Nil	269124.50	380957

PART – C

POLLUTION DISCHARGED TO ENVIRONMENT PER UNIT OF OUTPUT

(Parameter as specified in the Consent issued)

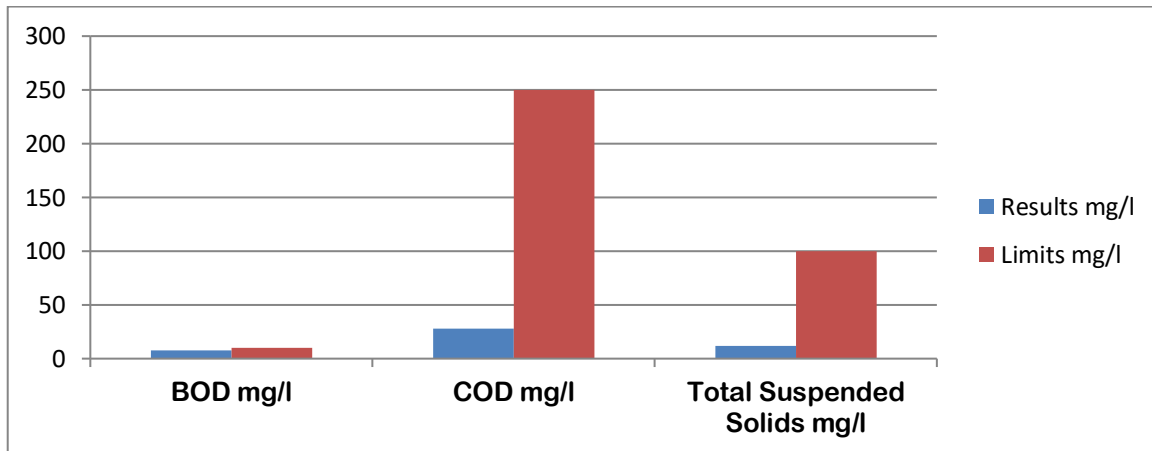
(A) Water Pollution Load:

S. No.	Pollutants	Quantity of Pollutants discharged (Kg/day)	Concentration of Pollutants discharged (mg/l)	% of variations from prescribed standards with reasons
(1)	Suspended Solids	0.006	12	No deviation from prescribed standards.
(2)	BOD ₃ at 27°C	0.00375	7.5	
(3)	COD	0.014	28	
(4)	Oil & Grease	0	0	

Note:

- (i) Calculations based on total discharge of 0.5 KLD of trade effluent & characteristics of treated sewage.
- (ii) Source of data: Test Report No. 8107 dated 11.01.2023 **(Annexure-4)** issued by Laboratory of HSPCB, C-11, Sector-6, Panchkula (Haryana).
- (iii) No Discharge of trade effluent and reused in various industrial usages.

(i) Chart showing results of trade effluent after treatment in ETP



Parameter	Results mg/l	Limits mg/l
BOD mg/l	7.5	10
COD mg/l	28	250
Total Suspended Solids mg/l	12	100
Oil & Grease	0	10

(B) Air Pollution Load:

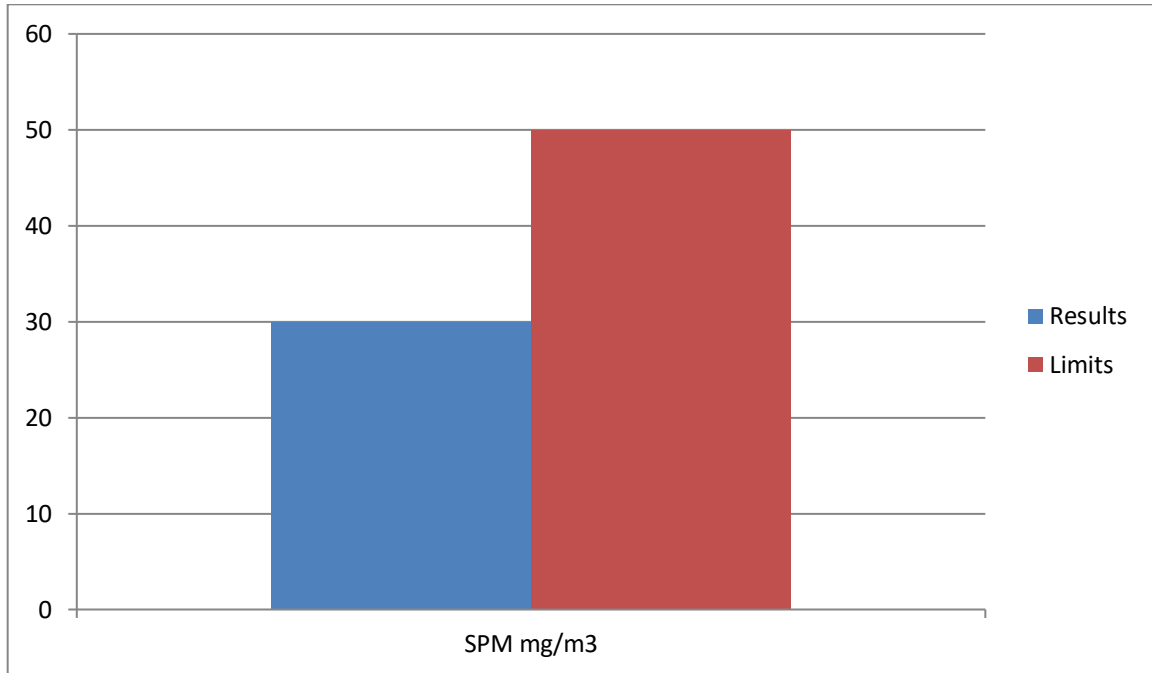
Stack emission

S.No.	Air Pollutants	Quantity of Pollutants discharged (Kg/day)	Concentration of Pollutants discharged (mg/Nm ³)	% of variations from prescribed standards with reasons
(1)	PM	1.27	30	No deviation from prescribed standards
(2)	Sulphur Dioxide	0.51	12.1	
(3)	Oxides of Nitrogen	0.38	9	

Note:

(iv) Source of data: Test Report No. 2320 dated 09.01.2023 **(Annexure-5)** issued by Laboratory of HSPCB, C-11, Sector-6, Panchkula (Haryana).

(ii) Chart showing results of Air Emissions (Incinerator)



Parameter	Results	Limits
SPM mg/m ³	30	50

PART – D

HAZARDOUS WASTES:

(As specified under Hazardous Wastes (Management, Handling & Transboundary Movement) Rules, 2008 and subsequent amendments)

Hazardous Wastes	Total Quantity (kgs)	
	During previous financial Year (2020-21)	During current financial Year (2022-23)
From Process (Incineration Ash)	3120.9	4735.4
From Pollution Control Facility		
1. ETP Sludge.	1. 394.2	523.7
2. Scrubber residue.	2. 135.7	40
3. Used Oil from DG set.	3. 0.064	0.069

PART – E

SOLID WASTES

Major portion of the solid waste is incineration ash and is disposed off to TSDF at Palli, Faridabad. Quantity is given in part D above.

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous wastes as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- 1. Waste Oil (Category No. 5.1):** Source of used oil is from maintenance of DG sets and is used as lubricant in machinery installed in CBWTF.

(a) Quantity:

A little quantity of used oil is generated from DG Set which was about 0.069 KL.

(b) Disposal Practice:

The used oil generated was stored in leak proof containers and stocked in safe storage area within the CBWTF premises. Later on it has been used as lubricant in machineries installed in CBWTF.

- 2. Hazardous Wastes from Process, Pollution Control Devices:**

- i) Quantity:**

The total quantity of solid hazardous waste generated (during 2022-23) from process i.e. incineration ash was about 4.7354 Ton.

The total quantity of solid hazardous waste generated (during 2022-23) from pollution control devices i.e. ETP Sludge were about 0.523 Ton and Scrubber residue was about 0.04 Ton.

- ii) Disposal Practice:**

The hazardous wastes are stored in an intermediate, leachate proof storage room of adequate capacity, situated inside the factory premises. Hazardous waste was disposed off by availing TSDF services being offered by M/s Gujarat Enviro

protection & Infrastructure (Haryana) Pvt. Ltd.

Solid Wastes:

Major portion of the solid waste is incineration ash and is disposed off to TSDF at Palli, Faridabad.

PART - G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production

a) Air Pollution Control Devices:

State-of-the-art air pollution control devices have been provided in the incinerating plant. The CBWTF has installed PM Collector, Quencher and Venturi Scrubber with droplet Separator, ID fan attached with stack of 30 meters height which are being used for maintaining air emission level within prescribed standards. The CBWTF has incurred expenditure in the operation and maintenance of pollution control devices.

b) Installation of Real Time Online Emission Monitoring System:

The CBWTF has installed OCEMS for providing real time data of various parameters prescribed by CPCB/HSPCB and is connected to server of CPCB/HSPCB.

c) Water Pollution Control Devices:

A sophisticated Effluent Treatment has been installed and operated regularly to control water pollution originating from Venturi Scrubber, Vehicles washing and floor washing. The water consumption in the plant has been reduced in view of recirculation and reuse after treatment. The CBWTF has incurred expenditure in the operation and maintenance of pollution control devices.

d) Greenbelt:

The CBWTF has planted varieties of plants in the premises and surrounding area for green belt development.

PART - H

Additional measures / investment proposal for environmental protection including abatement of pollution:

The CBWTF had adopted following measures for environmental protection including abatement of pollution:

1. Properly operation of plant.
2. Care of Hygiene and housekeeping in CBWTF.
3. Reuse of treated water of ETP in Venturi Scrubber.
4. Proper preventive equipments provided to workers.
5. Awareness of nearby public and representatives of Health Care Facilities regarding proper disposal of Bio-Medical Waste.

PART - I

Any other particulars in respect of environmental protection and abatement of pollution:

1. Silent DG sets have been installed to curb noise pollution
2. HSD meeting Euro III standards are used as fuel to run DG set. This fuel is of high quality and low in sulfur contents (less than 0.035%). By adoption of such qualitative fuel, the project also meets the decision taken by Environment Pollution (Prevention & Control) Authority for the National Capital Region on 8th November 2008.
3. Awareness programs have been conducted to sensitize stake holders HCFs.

Annexure – 1 to 5

Copies of Consent,

Authorization

&

Analysis Reports

Annexure-1

Consent to Operate under Water/Air Acts, 1974/1981 with validity upto 30.09.2025



HARYANA STATE POLLUTION CONTROL BOARD
Regional Office Karnal , 2nd floor of SCO No.78-79 above PNB bank, near namstay Chowk, Karnal,Haryana. Email:- hspcbrokar@gmail.com
 E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 320220920KARCTO7679686

Dated:29/06/2020

To.

M/s :Haat Supreme Wastech Pvt. Ltd
 VPO. Bazida Jattan , Karnal

Subject: Grant of consent to operate to M/s Haat Supreme Wastech Pvt. Ltd.

Please refer to your application no. 7679686 received on dated 2020-06-01 in regional office Karnal. With reference to your above application for consent to operate, M/s Haat Supreme Wastech Pvt. Ltd is here by granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	01/10/2020 - 30/09/2025
Industry Type	Common treatment and disposal facilities(CETP, TSDF, E- waste recycling, CBMWTF, effluent conveyance project, incinerator, solvent/acid recovery plant, MSW sanitary land fill site)
Category	RED
Investment(In Lakh)	24.6000004
Total Land Area(Sq. meter)	4046.0
Total Builtup Area(Sq. meter)	250.0
Quantity of effluent	
1. Trade	3.0 KL/Day
2. Domestic	0.5 KL/Day
Number of outlets	2.0
Mode of discharge	
1. Domestic	Septic Tank
2. Trade	Reused
Domestic Effluent Parameters	
1. BOD	30 mg/l
Trade Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
Number of stacks	1
Height of stack	
1. Stack to incinerator	30 m

Emission parameters	
1. SPM	150 mg/m ³
Product Details	
1. BMW waste	500 Metric Tonnes/day
Capacity of boiler	
1. NA	0 Ton/hr
Type of Furnace	
1. Incinerator	0.08 MT/DAY
Type of Fuel	
1. Diesel	0.08 Ton/day
Raw Material Details	
BMW waste	0.5 Metric Tonnes/Day

Shailender Arora
Digitally signed by Shailender Arora
Date: 2023.06.29 11:17:41 +0530

*Regional Officer, Karnal
Haryana State Pollution Control Board.*

Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of

change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.

12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.

13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.

15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.

16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. That the unit shall keep all the parameters within the prescribed limits and shall comply with all the Norms and Rules as prescribed in the Acts. 2. That the unit will comply with all the provisions of BMW rules/Hazardous Waste Rules and will make agreement with GEPIL and Authorized recycler of the Board for scientific disposal of Hazardous Waste. 3. That unit will use only prescribed Fuel. 4. That unit will comply with the Mechanism evolved by MOEF for the new activities under Red and Orange categories in critically polluted cities circulated by CPCB vide no. CPCB/IPC-VII/CEPI/NGT/2019 dated 25.10.2019.. 5. That unit will not discharge any effluent out side the premises and maintained ZLD. 6. That Unit will use treated effluent use as per CPCB guidelines for ZLD units. 7. That unit will maintain & connect the data to the server of CPCB and HSPCB. 8. That the CTO so granted shall become invalid in case of violation of any of the above / any law of the land.

*Regional Officer, Karnal
Haryana State Pollution Control Board.*

Authorization under HWTM Rules with validity upto 30.09.2023

Application no. :7563844
 Industry id: 14KAR659459
 Date: 01/11/2020



Haryana State Pollution Control Board
 Regional Office Karnal , 2nd floor of SCO No.78-79 above PNB bank, near
 namstay Chowk, karnal,Haryana. Email:- hspcbrokar@gmail.com



No. :HWM/KAR/2020/7563844

DT: 01/11/2020

To

M/s Haat Supreme Wastech Pvt. Ltd
 VPO. Bazida Jattan , Karnal
 Karnal

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

- Reference of application:7563844 dated: 01/11/2020
- Ishwar Gulia of Haat Supreme Wastech Pvt. Ltd is hereby granted an authorization for generation, collection, storage on the premises situated at VPO. Bazida Jattan , Karnal

HARYANA STATE
 Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Hazardous waste treatment processes, e.g. pre-processing , incineration and concentration, Ash from incinerator and flue gas cleaning residue	Pre-processors-GEPIL	6 T/Annum

- The authorization shall be valid for a period of 01/10/2020 to 30/09/2023
- The authorization is subject to the following general and specific conditions :-
 - Unit will handover waste oil of D.G set only to the Authorized recycler and submit the agreement for waste oil/spent oil in this office within 30 days. 2. That the unit will comply with all the provisions of Hazardous Waste Rules. 3. That unit will apply for the renewal of the Authorization well in time 4. That the Authorization so granted shall become invalid in case of violation of any of the above / any law of the land.

Shailender Arora Digitally signed by Shailender Arora
Date: 2020.11.01 12:54:19 +05'30'
 Regional Officer Karnal
 For Haryana State Pollution Control Board

Conditions of Authorization:

1. The authorised person 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 authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30th for the period ensuing 31st March of the year.

HARYANA STATE

**Regional Officer Karnal
For Haryana State Pollution Control Board**

Authorization under BMW Rules with validity upto 30.09.2025

Application no. :7819370
 Industry id: 14KAR659459
 Date: 31/07/2020

HARYANA STATE POLLUTION CONTROL BOARD
 Regional Office Karnal , 2nd floor of SCO No.78-79 above PNB bank, near
 namstay Chowk, Karnal,Haryana. Email:- hspcbrokar@gmail.com



No. HSPCB/BMW/2020-2021 Dated 31/07/2020
 Authorization No. BMW20KAR7819370 Application No.
 7819370
 Date of Submission 30/06/2020

**BIO MEDICAL WASTE AUTHORIZATION CERTIFICATE****UNDER BIO MEDICAL WASTE RULES,2016.**

- M/s :Haat Supreme Wastech Pvt. Ltd an occupier or operator of the facility located at VPO. Bazida Jattan , Karnal, is hereby granted an authorisation for, Collection,Storage,Reception,Transportation,Treatment or processing or conversion,Disposal or destruction use
- M/s Haat Supreme Wastech Pvt. Ltd is hereby authorized for handling of Biomedical Waste as per the capacity given below:
 - Number healthcare facilities covered by CBMWTF: 275
 - Installed treatment and disposal capacity: Kg/Day
 - Area or distance covered by CBMWTF:
 - Quantity of Biomedical waste handled, treated or disposed:

Category	Type of Waste	Quantity Generated or collected in Kg/day
Yellow	a) Human Anatomical Waste	650
	b) Animal Anatomical Waste	
	c) Soiled Waste	
	d)Expired or Discarded Medicines	
	e)Chemical Solid Waste	
	f) Chemical Liquid Waste	
	g)Discarded linen, mattresses, beddings contaminated with blood or body fluid	
	h) Microbiology, Biotechnology and other clinical laboratory waste	
Red	Contaminated waste (Recyclable)	35
White(Translucent)	Waste sharps including Metals	50
Blue	Glassware	30
	Metallic Body Implants	

3. This authorisation shall be in force for CBMWTF from a period of 01/10/2020 To 30/09/2025 Year from the date of issue.
4. This authorisation is subject to the condition stated below and to such other condition as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

TERMS & CONDITIONS OF AUTHORISATION:-

1. The applicants shall comply with the provisions of Bio-Medical Waste Management Rules 2016 notified vide No.S.O. 630(E) dated 20th July,2016
2. Bio-Medical Waste shall be treated & disposed off in Compliance with the standards prescribed in Schedule 1.
3. Every occupier where required shall setup in accordance with the time schedule-IV, requisite treatment Bio-Medical Waste treatment facilities like incinerator,autoclave,microwave system for the treatment of the waste at a common waste treatment facility or any other waste treatment facility.
4. Bio-Medical Waste shall not be mixed with any other waste.
5. Bio-Medical Waste shall be segregated into containers/bags at appoint of generation with Shedule-II prior to its storage, transportation,treatment & disposal.The containers shall be labeled according to Schedule-II
6. If a container is transported from the premises where Bio-Medical Waste is generated to any waste treatment facility outside the premises where Bio-Medical Waste is generated to any waste treatment facility outside the premises, the container shall apart from the label prescribed in schedule III, also carry information according to Schedule IV.
7. Notwithstanding anything contains in Motors Vehicle Act, 1995 or rules there under, untreated the Bio-medical Waste shall be transported only in such vehicle as may be authorised for the purpose by the competent authority as specified by the Govt.
8. No untreated Bio-Medical Waste Shall be kept stored beyond a period of 48 hours.
9. Every authorised person shall maintain records related to the generation, collection, reception, storage, transportation, treatment disposal of Bio-Medical Waste in accordance with those rules & any guideline issued.
10. All records shall be subject to inspection & verifications by the prescribed authority at any time.
11. Suitably designed pollution control devices should be installed/retrofitted with the incinerator to achieve the above emission limits, if necessary.
12. Waste to be incinerated shall not be chemically treated with any chlorinated disinfectants.
13. Chlorinated plastics shall not be incinerated.Toxic metals in incineration ash shall be limited with the regulatory quantities as defined under the Hazardous Waste Management Rules, 2016.
14. Only low sulphur fuel like L.D.O/L.S.H.S/Deisel shall be used as fuel in the incinerator.
15. Occupier will comply all direction for generation, collection, reception, storage, transportation, treatment, disposal as per Bio-Medical Waste Management Rules 2016 & will ensure that there is no adverse effect to human & Environment.
16. The occupier will segregate the Bio-Medical Waste at the point of generation in accordance with the special-II of Bio-Medical Waste Management Rules, 2016.

Application no. :7819370

Industry id: 14KAR659459

Date: 31/07/2020

17. The authorization would be subject/having proper disposal system for Bio-Medical Waste.
18. The unit shall maintained a log Book for suggestion/collection of Bio-Medical Waste at the source (i.e.wards) and also for each category of waste i.e.incineration, autoclaving or landfill etc.
19. The yellow Bags should be non chlorinated bags.
20. The every occupier will also submit the copy of agreement every year before 30th April from any authorised services provider.

Conditions:

- 1. CBWTF will submit Annual Report under BMW Rules, 2016 every year.
2. the CBWTF will comply the regulations of HOWM Rules 2016 as amended till date.
3. The CBWTF will renew the agreement for disposal of their hazz Waste with the service provide before expiry .
4. The HCF will comply with provision of all applicable Acts/Rules/Direction of the Board.

HARYANA STATE

Shailender Arora

Digitally signed by Shailender Arora
Date: 2020.07.31 10:56:51 +05'30'

Regional Officer, Karnal
Haryana State Pollution
Control Board.

Analysis Report of Trade Effluent dated 11.01.2023

Form J
(See Rule 36)

F.H. Regional Office
A.E.E. Sr. B-1
J.E.E. Clerk

Report No-1107 Type of Sample: Legal Dated: 11.01.2023

I hereby, certify that I Naveen Bala Board Analyst duly appointed under sub section (3) of section 53 of the Water (Prevention and Control of Pollution) Act 1974 (06 of 1974), received a sample on the 30th day of December, 2022, collected Sh. Shailender Arora, RO and Sh. Nipun Gupta, AEE on dated 30th day of December, 2022 of M/s Haat Supreme, Vill. Bajida Jattan, Karnal, for analysis.

Further certify that I have analyzed the above mentioned sample on 30-December-22 to 11-January-2023 and declare the result of analysis to be as follows:

Sr. No.	Parameter Name	Result	Result	Limit	Test Method
1.	Sample Code	12117	12118		
2.	Sample Collected from	Inlet	Outlet		
3.	Color	Dark Yellowish	Nearly Clear		
4.	Odour	Bad	Mild		
5.	pH value	2.37	7.65	6.5-8.5	APHA, 4500-H+B
6.	BOD (mg/l)	580.0	7.5	30	IS:3025(P-44)
7.	COD (mg/l)	2176.0	28.0	250	APHA, 5220-B
8.	Total Suspended Solids- mg/l	475.0	12.0	100	APHA, 2540-D
9.	Oil and Grease (mg/l)	14.5	BDL(DL=2)	10	APHA, 5520-B
10.	Conductivity (u S/cm)	10085.0	1204.0	-	Conductometric

The Conditions of the seals, listening and container on receipt was as follows:
Container had its seal found intact and in order, slip on the container had the signature of the representative of the industry and the Board.
Signed this 11th day of January, 2023
Haryana State Pollution Control Board Laboratory,
SCO-115, 1st & 2nd Floor, Sector-25, Panchkula, Haryana

To
The Member Secretary, HSPCB, Panchkula

Naveen Bala
Board Analyst

CC to Regional Office: Karnal This test report relate only to the particular sample submitted for testing.

Analysis Report of Air Emissions (Incinerator) dated 09.01.2023

Form IV
(See Rule 20)

Report No- 2320 Dated:- 09.01.2023

I hereby, certify that I Neeraj Bala Board Analyst duly appointed under sub section (2) of section 25 of the Air (Prevention and Control of Pollution) Act 1981 received a sample on the 30th day December of, 2022, collected by Sh. Nipun Gupta on dated 30th day December of, 2022 of M/s Haat Supreme, Vill. Bajda Jattan, Karnal for analysis.

Further certify that I have analyzed the above mentioned sample on 30-December-2022 to 09-January-2023 and declare the result of analysis to be as follows:-

Sr. No.	Parameter Name	Result	Result	Limit
1.	Sample Code	2320		
2.	Name of Plant/ Section #	Incinerator		
3.	Stack Attached to #	Incinerator		
4.	Normal Operating Schedule (hr/day)#	10-12 hrs		
5.	Type of Chimney #	Metal		
6.	Stack Height from Ground Level #	33 m		
7.	Diameter of the Stack #	400 mm		
8.	Stack Temperature (C) #	116		
9.	Average stack velocity (m/sec) #	9.4		
10.	Quantity of Emission (m ³ /sec)	1.14		
11.	Type of Fuel #	LSHS		
13.	Suspended particulate matter mg/m ³	30.0		80
14.	Sulphur dioxide (mg/m ³)	12.1		
15.	Nitrogen Oxide (mg/m ³)	9.0		

Method of Testing As per relevant part of Indian Standard Methods for Measurement of Air Pollution (S-11255 (P-1) Stack/S-5382(P-4) Ambient and Emission regulation part III of Central Pollution Control Board.

The Conditions of the seals, listening and container on receipt was as follows:
Container had its seal found intact and in order, slip on the container had the signature of the representative of the industry and the Board.
Signed this -09.01.2023

Haryana State Pollution Control Board Laboratory,
SCO-115, 1st & 2nd Floor, Sector-25, Panchkula, Haryana
To
The Member Secretary, HSPCB, Panchkula

Neeraj Bala
Board Analyst

Regional Office, Karnal. This test report relate only to the particular sample submitted for testing.