



Consent Order



M.P. Pollution Control Board, E-5, Arera Colony, Paryavaran Parisar, Bhopal - 16 MP, Tele : 0755-2466191, Fax-0755-2463742

RED-SMALL

CCA-Renewal (A/W Consent valid up to 31/12/2024)

CONSENT NO: ***

PCB ID: 107454

Outward No:119664,04/02/2024

Consent No:AW-59613

To,
The Occupier,
M/s. India Waste Management (P) Ltd.,
E-3 Sector, New Industrial Area No. II, Mandideep,
City : Mandideep,
Dist : Raisen, Tal : Goharganj, SIDC : R.W Obedullaganj (Mandideep), Latitude : 23.0792
Longitude : 77.5399

Subject: Grant of Consent to Operate under section 25 of the Water (Prevention & Control of Pollution) Act,1974 under section 21 of the Air (Prevention & Control of Pollution) Act,1981

Ref: Your Consent to Operate Application Receipt No. 1300081 Dt. 26/12/2023 .

With reference to your above application for consent to operate has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **31/12/2024**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. **Location:** E-3 Sector, New Industrial Area No. II, Mandideep, Distt. Raisen (MP) Tal. Goharganj, Raisen
- b. **The capital investment in lakhs:** Rs. 9.92
- c. **Product & Production Capacity:**

ACTIVITY	EQUIPMENTS	CAPACITY
COMMON BIO- MEDICAL WASTE TREATMENT FACILITY	INCINERATOR – 01NO.	250 KG/ hr.
	AUTOCLAVE - 02 NOS.	430 LTS/ Cycle each
	SHREDDER - 02 NOS.	100 KG/hr. each

- Note:- 1.) For any change in above CBWTF shall obtain fresh Consent from the Board.*
- 2) The occupier of the facility should cover exclusively Bhopal and Raisen district for the collection, transportation, treatment and disposal of generated -Biomedical waste from the HCFs situated there in along with services in their overlapping area of the 75 Kmradius in addition to their coverage area.*

The Validity of the consent is up to **31/12/2024** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act
- * Conditions under Air Act
- * General conditions

By the order of Chairman, MPPCB

AVINASH LAVANIA
Member Secretary



(Organic Authentication on AADHAR from UIDAI Server)
TPAV # 9FSDYL5517



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CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

1. The daily quantity of trade effluent of the unit shall not exceed 4.000 KL/day, and the daily quantity of sewage of the unit shall not exceed 2.000 KL/day

2. Trade Effluent Treatment:-

The applicant shall operate and maintain effluent treatment system as per the proposal submitted to the Board and maintain the same properly to achieve following standards-

pH	Between	5.5 – 9.0	TDS	Not exceed	2100 mg/l.
Suspended Solids	Not exceed	100 mg/l.	Chlorides	Not exceed	1000 mg/l.
BOD ₃ Days 27 °C	Not exceed	30 mg/l.	Bio Assay Test	90% survival of Fish after 96 hrs. in 100 % Effluent	
COD	Not exceed	250 mg/l.			
Oil and grease	Not exceed	10 mg/l.			

For other parameters general standards of discharge as notified under EP Act 1986 shall be applicable.

3. Sewage Treatment :- The applicant shall operate and maintain sewage treatment facility to achieve following standards-

pH	Between	5.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD 3 Days 27 °C	Not exceed	30 mg/l.
COD	Not exceed	250 mg/l.
Oil and grease	Not exceed	10 mg/l.
fecal coliform	Not exceed	1000 MPN/100 ml

4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of CBWTF/unit premises.

5. Water meter preferably electromagnetic/ultrasonic type with digital flow recording facilities shall be installed separately for category wise consumption of water for Industrial cooling/boiler feed, mine spray, process & domestic purposes and data shall be submitted online through XGN monthly patrak/statements. The CBWTF/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 12.000	WWG : 6.000	Water Source	Remark
1	Domestic Purpose	2.000	1.000	SIDC	
2	Floor / Utensils / Other Washing	8.000	4.000	SIDC	Floor / Vehicle washing water consumption

6. Any change in production capacity, process, raw material used etc. and for any enhancement of the above prior permission of the Board shall be obtained. All authorized discharges shall be consistent with terms and conditions of this consent. Facility expansions, production increases or process modifications which result new or increased discharges of pollutants must be reported by submission of a fresh consent application for prior permission of the Board

7. All treatment/control facilities/systems installed or used by the applicant shall be regularly maintained in good working order and operate effectively/efficiently to achieve compliance of the terms and conditions of this consent

8. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

9. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

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iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

10. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

- (i) The date, exact place and time of sampling
- (ii) The dates on which analysis were performed
- (iii) Who performed the analysis?
- (iv) The analytical techniques or methods used and
- (v) The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shall include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

11. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

12. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

13. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

14. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

15. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

16. Prohibition of By pass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent is prohibited except :

- i. where unavoidable to prevent loss of life or severe property damage, or
- ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

17. CBWTF/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:-

1. The Operator of CBWTF shall treat and dispose the waste water in such a way to maintain zero discharge from the premises.
2. The discharge norms specified in Biomedical Waste Management Rules, 2016 shall be complied with.



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CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. The applicant shall operate and maintain air pollution control system to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Stack height(mtrs)	Fuel	Control equipment to be installed	P.M, SOX, NOX (mg/NM3)
Incinerator	capacity-250 kg/hr	30	HSD(60 Ltrs/hr.)	Bag Filter, Cyclone, Gravity Settling Chamber,	As per MoEF&CC & CPCB NORMS

Sl. No.	Parameter	Standards	
		(3)	(4)
(1)	(2)	Limiting concentration in mg Nm ³ unless stated	Sampling Duration in minutes, unless stated
1.	Particulate matter	50	30 or 1NM ³ of sample volume, whichever is more
2.	Nitrogen Oxides NO and NO ₂ expressed asNO ₂	400	30 for online sampling or grab sample
3.	HCl	50	30 or 1NM ³ of sample volume, whichever is more
4.	Total Dioxins and Furans	0.1ngTEQ/Nm ³ (at 11% O ₂)	8 hours or 5NM ³ of sample volume, whichever is more
5.	Hg and its compounds	0.05	2 hours or 1NM ³ of sample volume, whichever is more

2. Ambient air quality at the boundary of the CBWTF/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- Particulate Matter (less than 10 micron) - 100 µg/m³ (PM10 µg/m³ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 µg/m³ (PM2.5 µg/m³ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 µg/m³
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 µg/m³
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 µg/m³

3. The CBWTF shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

4. CBWTF/Unit shall provide with each stack port hole with safe platform of 1 meter width with support & spiral ladder/ Stepped ladder with hand rail up to monitoring platform as per specifications given in part-III emission regulation of CPCB. In no case monkey ladder shall be allowed as stack monitoring facility.

5. The CBWTF/unit shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

6. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

7. The CBWTF/ unit shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises

8. All the internal roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements. Good housekeeping practices shall be adopted to avoid leakages, seepages, spillages etc.

9. CBWTF shall take effective steps for extensive tree plantation preferably in 03 rows of the local tree species with minimum spacing of 2X2 meters within or around the CBWTF/unit premises for general improvement of environmental conditions.

Additional Air condition:-

- The CBWTF shall operate and maintain the web camera with “Outdoor HD Industrial grade IP (Internet Protocol) cameras with PanTilt-Zoom (PTZ) feature, minimum focal length 5X with night vision facility and tamper proof mechanism” for display all emission sources and effluent discharge points and shall remain connected the same with Environment Surveillance Centre, M.P. Pollution Control Board Bhopal for remote surveillance.
- CBWTF shall Maintain valid membership of CTSDf and submit to the Board within 30 days from the issue of this letter.

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3. CBWTF operator shall ensure the operation/calibration of CEMS in facility and should ensure connectivity with SPCB/CPCB server.
4. CBWTF operator shall install & maintain the PTZ cameras showing ETP, BMW storage area and Stack Emission conditions regarding.
5. CBWTF operator shall display authorization order, Annual report etc. on its website.

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the CBWTF/unit/unit premises sweeping, etc. be disposed off scientifically so as not to cause any nuisance/pollution. The applicant shall take necessary permission from civic authorities for disposal to dumping site. If required.

Non Hazardous Solid wastes:-

<i>Type of waste</i>	<i>Quantity</i>	<i>Disposal</i>
<i>Scrap/ Plastic packing material wood, card board, gunny begs etc</i>	<i>Quantify and report to the Board within one month</i>	<i>Sale to authorized party/As Per CPCB. MoEF Guide lines / Others.</i>

2. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:
 - a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.
 - b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.
 - c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.
 - d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,
 - e. To sample at reasonable times any discharge or pollutants.
3. This consent / authorisation is transferable in nature, in case of any change in ownership / management, the new owner / partner / directors / proprietor shall immediately apply for the consent with new requisite information.
4. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.
5. CBWTF shall install separate electric metering arrangement for running of pollution control devices and this arrangement shall be made in such fashion that any non functioning of pollution control devices shall immediately stop electric supply to the production and shall remain tripped till such time unless the pollution control device/devices are made functional. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month
6. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.
7. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.
8. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorisation
9. The CBWTF/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The CBWTF/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
10. CBWTF shall obtain membership of Emergency Response Center of the Board if needed.
11. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

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12. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following :

- (a) Violation of any terms and conditions of this Consent.
- (b) Obtaining this Consent by misrepresentation or failure to disclose fully all relevant facts.
- (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

13. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the CBWTF.

Additional condition:-

The additional conditions CBWTF operator shall be as follows:

1. The occupier of the facility shall maintain CBWTF as per the revised guidelines issued by Central Pollution Control Board in 2016 for CBWTF. The operational conditions such as temperature, air Feed rate, retention time etc and air pollution control arrangement of the incinerator shall be ensured as per Schedule-II of Bio Medical Waste Management Rules, 2016.
2. The CBWTF operator shall ensure that the treated effluent shall conform to the standards prescribed in Schedule - II of rules and submit report to Board on quarterly basis. The occupier of the facility shall fully utilize the treated effluent within their premises for plantation purposes, etc. to remain zero discharge.
3. The separate log books for the operation and maintenance of the incinerator, autoclave, shredder & ETP shall be kept and shall be made available for inspection any time.
4. The occupier of CBWTF shall carry out validation test of autoclave.
5. The occupier of CBWTF shall carry out stack emission test of incinerator, incinerator ash test, validation test of autoclave and applicable parameters of effluent being discharged from the ETP in quarter yearly from the approved laboratory and submit the quarter yearly report to the Board.
6. The transportation vehicle for carrying the waste to the facility shall be specially designed as per Central Pollution Control Board (CPCB) guidelines for CBWTF. The vehicle shall also be properly installed GPS, labelled with the related symbols etc. as per rules & guidelines.
7. The collection and transportation of the BMW, the C.B.W.T.F. shall be ensured in accordance with the Rule 7 & 8 of BMW Rules. Its treatment & disposal shall be as per Schedule-I of Rules 2016.
8. The person authorized shall maintain categories wise records of Bio-Medical Waste received, treated & disposed at CBWTF as per Schedule-I of the Bio-Medical Waste Management Rules, 2016 and should submit the annual return in Form-IV-A by 30th of June every year as per the rule 13 to the Head office and Regional office of the Board.
9. The person authorized shall store incineration ash safely and dispose it through TSDF, Pithampur as per guidelines of CPCB.
10. The C.B.W.T.F. operators shall inform about such health care units that are not handling and segregating Bio-Medical Waste properly and the same shall be communicated to RO and Hoof MPPCB from time to time.
11. The C.B.W.T.F. operator shall establish bar coding and global positioning system for handling of bio-medical waste as per BMWM Rule, 2016.
12. The C.B.W.T.F. operator shall install and ensure the operation/calibration of CEMS in facility and should ensure connectivity with SPCB/CPCB server. And also install the PTZ cameras showing ETP, BMW storage area and Stack Emission conditions regarding.
13. The C.B.W.T.F. operator shall display authorization order, Annual report etc. on its website.
14. The C.B.W.T.F. operator shall ensure collection of biomedical waste on holidays also.
15. The C.B.W.T.F. operator shall operate incinerator to achieve the standards for retention time in secondary chamber as per BMWM Rule, 2016.
16. The person authorized shall maintain good housekeeping, regular cleaning of storage room & sharp pit etc. to avoid odour nuisance.
17. The person authorized of facility shall make above arrangements/improvements in facility as per given time frame failing which prosecution and punishment will be followed as per the provisions of Environmental (Protection) Act, 1986.
18. Mercury waste shall not be mixed with BMW, shall be collected, segregated & stored into separate containers and it shall be disposed off in accordance with provisions of the Hazardous and Other Waste (Management, and Transboundary Movement) Rules, 2016.
19. The Board reserves all the right to amend/cancel/revoke the condition of this authorization in part or whole as and when deemed necessary. Facility shall be responsible for any violation of provisions of Bio-Medical Waste Management Rules, 2016 and shall be liable for prosecution and punishment as per the provisions of Environmental (Protection) Act, 1986.
20. The occupier of the facility shall ensure that the all CBWTF equipments like incinerator, autoclave, shredder etc shall fulfill all the requirements of the Bio-Medical Waste Management Rules, 2016 and the criteria for combustion



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efficiency, primary and secondary temperature, emission and effluent quality standards, standards for autoclaves etc shall be compliant with the provisions of the Schedule II of the Rules as well as the guidelines published by Central Pollution Control Board from time to time.

21. The operational criteria such as temperature, air Feed rate, gas retention time etc and air pollution control arrangements of the incinerator shall be ensured as per Schedule-II of Bio Medical Waste Management Rules, 2016.
22. The Occupier shall Comply to the conditions of Environmental Clearance No. 1530/SEIAA/2018 Dt. 12/10/2018.
23. The operator of HCF shall make proper arrangements for complying the provisions of Plastic Waste Management Rules, 2016 (as amended upto date) to take care of plastic waste generated in the plant.
24. The PP shall dispose of the various sludge and solid wastes generated from the unit as per relevant laws/rules.
25. The coverage area of CBWTF shall be limited as per existing guidelines issued by Central Pollution Control Board.
26. This consent is granted on the basis of the MOU shall be submitted by PP with nearest CBWTF for treatment /disposal of BMW . If, any point of time it is found that during physical verification & in any circumstance of in corrected information & this consent shall be treated as null or void without further intimation to the PP.

Consent/authorization as required under the Water (Prevention & Control of Pollution) Act,1974 , The Air (Prevention & Control of Pollution) Act,1981is granted to your CBWTF subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent/authorisation. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

For and on behalf of
M.P. Pollution Control Board

By the order of Chairman, MPPCB

AVINASH LAVANIA
Member Secretary



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