



M.P. Pollution Control Board

E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele : 0755-2466191, Fax-0755-2463742



Consent Order

RED-LARGE

CCA-Expansion A/W Consent & BMW Auth.
valid up to 31/12/2027

PCB ID: 18936

Outward No:121680,25/01/2025

Consent No:AWB-61345

To, The Occupier,

M/s. Chirayu Medical College & Hospital,

Bhainskhedi (Bhopal-Indore Highway), Near Bairagarh,

City : Bhopal,

Dist : Bhopal, Tal : Hujur, SIDC : Not In SIDC, Latitude : 23.2685 Longitude : 77.3065

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 & Authorization under Bio Medical Waste Management Rules,2016.

Ref: Your Application Receipt No. CCA-Renewal -1397625-25/09/2024-A,W,B and last communication dated 17/10/2024

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 **31/12/2027**, subject to the fulfillment of the terms & conditions, enclosed with this letter & Authorization valid up to **31/12/2027** under Bio Medical Waste Management Rules,2016.

SUBJECT TO THE FOLLOWING CONDITIONS :-

a. **Location:** Bhainskhedi (Bhopal-Indore Highway), Near Bairagarh,, Hujur, Bhopal

b. **The capital investment in lakhs:** Rs. 19320

c. **Product & Production Capacity:**

ACTIVITY	CAPACITY
HOSPITAL & MEDICAL COLLEGE BEDS	1200 NOS (TWELVE HUNDRED NOS.)
GENERATION OF ELECTRICITY BY D.G. SET (FOR CAPTIVE USE ONLY)	2000 KVA (500 KVA X 4)

Note:-

1. For any change in above industry shall obtain fresh consent from the board.
2. Industry/unit shall carry out environmental audit for the FY 2023-24 from NABT accredited consultant and report shall be submit to Board within 03 months from date of issue of this letter. The same procedure shall be followed for coming years regarding submitting of environmental audit report before September of preceding year with environmental statement.

The Validity of the consent is up to **31/12/2027** 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
- * Conditions under Bio Medical Waste Management Rules

By the order of Chairman, MPPCB

Signature Not Verified

Digitally Signed by : A. A
Mishra, Member Secretary

Date: 25/01/2025 03:36:31 PM

Achyut mishra

ACHYUT ANAND MISHRA
Member Secretary

(Organic Authentication on AADHAR from UIDAI Server)
TPAV # TJXAG84HFR

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

1. The daily quantity of trade effluent of the unit shall not exceed 150.400 KL/day, and the daily quantity of sewage of the unit shall not exceed 210.000 KL/day

2. Trade Effluent Treatment:-

The applicant shall operate and maintain effluent treatment system 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 System properly to achieve following standards-

Parameters	Limits*	*The Project Proponent shall comply with the standards notified vide G.S.R. 1265(E) under sections 6 and 25 of the Environment (Protection) Act, 1986 by the Ministry of Environment, Forest and Climate Change New Delhi dated 13th October, 2017 and as per NGT directions.
pH	Between 5.5 – 9.0	
Suspended Solids	Not exceed 100 mg/l.	
BOD ₃ Days 27 °C	Not exceed 20 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 industry/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.

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 749.000	WWG : 360.400	Water Source	Remark
1	Domestic Purpose	365.000	210.000	Borewell	Valid permission of competent authority shall be maintained for use of ground water.
2	Others	160.000	150.400	Borewell	
3	Plantation / Horticulture	224.000	0.000	Recycled	

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.

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:

- The date, exact place and time of sampling
- The dates on which analysis were performed
- Who performed the analysis?
- The analytical techniques or methods used and

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- (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. Institute management shall submit the information online through XGN in reference to compliance of consent conditions.

Additional Water condition:-

1. Hospital management shall submit the information online through XGN in reference to compliance of consent conditions.

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)
D.G. Sets	500 kvaX 4 No.	8	HSD	acoustic enclosure,	As per MoEF & CC & CPCB Guidelines

2. 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 $\mu\text{g}/\text{m}^3$ (PM10 $\mu\text{g}/\text{m}^3$ 24 hrs. basis)
- Particulate Matter (less than 2.5 micron) - 60 $\mu\text{g}/\text{m}^3$ (PM2.5 $\mu\text{g}/\text{m}^3$ 24 hrs. basis)
- Sulphur Dioxide [SO₂] (24 hrs. Basis) - 80 $\mu\text{g}/\text{m}^3$
- Nitrogen Oxides [NO_x] (24 hrs. Basis) - 80 $\mu\text{g}/\text{m}^3$
- Carbon Monoxide [CO] (8 hrs. Basis) - 2000 $\mu\text{g}/\text{m}^3$

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

5. 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.

6. The institution shall ensure all necessary arrangements for control of odour nuisance from the industrial activities or process within premises

7. 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.

8. Institution 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 industry/unit premises for general improvement of environmental conditions.

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FORM -III
(See rule 10)
AUTHORISATION
ON

(Authorisation for operating a Facility For Generation, Collection, Reception, Treatment, Storage, Transport and Disposal of Biomedical wastes)

1. File number of authorisation and date of issue - **CCA-Renewal -1397625-25/09/2024-A, W, B**
2. **M/s. Chirayu Medical College & Hospital**, an occupier of the Health Care Facility located at **Bhainsakhedi (Bhopal-Indore Highway), Near Bairagarh, Tal : Hujur, Dist : Bhopal- 462030 (M.P.)** is hereby granted an authorisation for;

Activity

- ✓ Generation, Segregation
- ✓ Collection,
- ✓ Storage
- ✓ Packaging

3. **M/s. Chirayu Medical College & Hospital**, is hereby authorized for handling of biomedical waste as per the capacity given below;

(i) Number of beds of HCF: **1200**

(ii) Quantity of Biomedical waste handled, treated or disposed: -

Type of Waste Category	Quantity permitted for Handling (Kg/Day)
Yellow	-- 139.00
Red	-- 55.20
White (Translucent)	-- 26.40
Blue	-- 55.20

3. This authorisation shall be in force for a period of 3 year up to **30/06/2027**.

4. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

Terms & Conditions of Authorization:-

1. The person authorized shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the prescribed authority.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes 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 authorize shall constitute a breach of his authorization.
5. It is duty of the person authorized to take prior permission of the prescribe authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.

Biomedical Waste Authorization Conditions:

1. The operator of facility shall submit a fresh application for renewal of authorization with requisite fees before 90 days of expiry of this authorization with compliance report of authorization conditions mentioned in original authorization letter and its subsequent renewal letters.
2. The amount of license and renewal fees for the authorization is payable (on-line) along with Form-II at the time of renewal. The Subsequent renewal for further period depends upon the fulfillment of conditions of authorization.
3. An applicant of HCF / Institution shall ensure compliances of various arrangements for proper Bio-Medical Waste Management with immediate effect as specified below :-
 - (a) Category wise segregation of Bio-Medical Waste as specified in Schedule-I of the rule.
 - (b) Provision of colour coded bins (for storage of BMW) as specified in Schedule-I. Provisions of Waste sharp destruction treatment/disposal arrangements. Safe transportation arrangement of wastes from various wards to treatment site.
 - (c) Installation of treatment and disposal system of BMW as specified in Schedule-I of Bio-Medical Waste Management Rules, 2016.
4. B.M.W. generation units or Hospital should take all steps to ensure that such waste is handled without any adverse effect to human health and the environment. In case the institution is disposing off the Bio-Medical Waste through a 'common-facility', it will be responsibility of the institution to ensure its disposal as per provisions of BMW Rules

5. B.M.W. shall be treated and disposed off in accordance with Schedule-I and with the standards prescribed in Schedule-II. For disposing of categorized BMW through deep burial and/or secured landfill, prior approval of the Board shall be obtained for such area of land.

6. B.M.W. shall not be mixed with other waste. B.M.W. shall be segregated into containers, bags at the point of generation in accordance with Schedule-I prior to its storage, transportation, treatment and disposal. The containers shall be labeled accordance to Schedule-IV.

7. If a container is transported from the premises where B.M.W. is generated to any waste treatment facility outside the premises the container shall, apart from the label prescribed in Schedule-IV, also carry information prescribed in Schedule-IV. Transportation of

B.M.W. shall also follow the rules made under Motor Vehicles Act, 1988.

8. The authorization person shall ensure that the treated effluent shall confirm to the standards prescribed in Schedule-II of rules.. The authorized person shall submit waste water monitoring report to the prescribed authority twice in a year. The occupier of the facility shall fully utilize the treated effluent within their premises for plantation purposes.

9. The occupier of facility shall make proper arrangement for safe disposal of sludge from Effluent Treatment Plant (ETP) after due disinfection.

10. No untreated B.M.W. shall be kept stored beyond a period of 48 hours. Provided that, if for any reason it becomes necessary to store the waste beyond such period, an authorized person must take permission of prescribed authority and take measure to ensure that the waste does not adversely affect to the environment.

11. 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.

12. Establish a barcode system for bags or container containing BMW to sent out of the premises handed over to CBWTF.

13. Every occupier/operator shall submit an annual report to the prescribed authority in Form – IV by 30th June every year.

14. When any accident occurs at any institution or any other site where Bio-Medical waste is handled or during transportation of such waste, an authorized person shall report the accident information to prescribed authority.

15. Every authorized person shall maintain record related to the generation, collection, reception, storage, transportation, treatment, disposal and/or any form of handling of BMW in accordance with these rules. All record shall be subject to inspection and verification by the prescribed authority at any time.

16. The authorized person of facility make above arrangements/improvement in facility as per given time frame failing which prosecution and punishment will be followed as per the provisions of Environmental (Protection) Act, 1986.

17. The prescribed authority may after giving reasonable opportunity of hearing refuse to grant authorization and reserve all the rights to amend/cancel/revoke the condition of this authorization in part or whole as and when deemed necessary.

18. The occupier of the hospital shall ensure to abide by the duties entrusted on the occupier as per Rule 4 of the BMW Rules, 2016.

19. . The occupier shall have to abide by the provisions of rule 8 regarding Segregation, Packaging, Transportation and Storage of BMW and ensure the onsite as well as offsite treatment and disposal through CBWTF as prescribed in Rule 7, annual reporting as per Rule 13, maintenance of records as per rule 14 and accident reporting as per rule 15.

GENERAL CONDITIONS:

1. The non hazardous solid waste arresting in the industry/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:-

Type of waste	Quantity	Disposal
Scrap/ Plastic packing material wood, card board, gunny bags etc	To be inventorise	Re-Use/Sale to M.P. Pollution Control Board's authorized party

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.

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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. Industry 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.
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 later than 180 day prior to the date of expiration of this consent/authorisation
9. The industry/unit shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The industry/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
10. 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.
11. 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 of 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.
12. 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 industry.
13. The industry/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.
14. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.
15. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis
16. The record of electricity consumption for running of pollution control equipment shall be maintained and submitted to the Board every month.

Additional condition:-

1. Hospital shall strictly follow the Construction & Demolition Waste Management Rules, 2016 as applicable.
2. The occupier of the hospital shall ensure to abide by the duties entrusted on the occupier as per Rule 4 of the BMW Rules, 2016. The occupier shall have to abide by the provisions of rule 8 regarding Segregation, Packaging, Transportation and Storage of BMW and ensure the onsite as well as offsite treatment and disposal through CBMWTF as prescribed in Rule 7, annual reporting as per Rule 13, maintenance of records as per rule 14 and accident reporting as per rule 15.
3. The occupier of the hospital shall be liable for all the damages caused to the environment or the public due to improper handling of the bio-medical waste and shall be liable for action under section 5 and 15 of the Environment (Protection) Act, 1986 as provide in rule 15 of the BMW Rules, 2016.
4. Compliance of all directions/judgment issued by NGT or other Courts shall be binding on the part of PP.
5. Zero discharge conditions shall be ensured and under no circumstance water should be discharged from the premises.
6. PP shall install industrial grade HD IP (Internet Protocol) Pan-Tilt-Zoom (PTZ) Camera with minimum 30X zoom and night vision facility for remote surveillance and constant vigil of effluent discharge points & establish suitable connectivity of IP Camera with Environment Surveillance Centre at the HQ of M.P. Pollution Control Board for monitoring and data transmission purpose.
7. 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.

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Advisory Conditions:-

1. The Facility shall obtain NOC from Central Ground Water Board for extraction of ground water.
2. The industry shall install separate Digital Water meter with digital flow recording facilities for different Water sources and provide its connectivity with server of Environment Surveillance Centre, M P Pollution Control Board Bhopal for remote surveillance.
3. The industry shall provide Rain water harvesting system for ground water conservation ,
4. Potable drinking water shall be used for drinking purposes only.
5. Appropriate legal action shall be initiated in case of violation of above mentioned conditions.

Consent/authorization as required under the Water (Prevention & Control of Pollution) Act, 1974 , The Air (Prevention & Control of Pollution) Act, 1981 is granted to your industry 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

Achyut Mishra

ACHYUT ANAND MISHRA
Member Secretary

Sign
Digitally Sign with Aadhaar

(Organic Authentication on AADHAR from UIDAI Server)
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