



Consent Order

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

RED-LARGE

CCA-Renewal
Validity (W/A) 31/01/2023
Validity (BMW) 31/01/2023

CONSENT NO: ***

PCB ID: 33013

Outward No:115327,21/04/2022

Consent No:AWB-55729

To,
The Occupier,
M/s. Index Medical College & Rc, Indore,
33, Vill. Morod, Nemawar Road,
Tal : Khudel Dist : Indore, (M.P.) - 452016

Subject: Renewal 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 and Authorization under Bio- Medical Waste Management Rules, 2016.

Ref: Your Application Receipt No. 1131652 Dt. 30/03/2022 and last communication received on Dt. 11/04/2022

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 & BMW authorisation **up to 31/01/2023**, subject to the fulfillment of the terms & conditions incorporated in the Consent No:AWHB-52093 issued vide outward no:100934 dated 07/09/2020 and as enclosed with this letter.

SUBJECT TO THE FOLLOWING CONDITIONS :-

- a. **Location:** 33, Vill. Morod, Nemawar Road, Tal : Khudel Dist : Indore, (M.P.) - 452016
- b. **The capital investment :** Rs.104.01 Crore
- c. **Product & Production Capacity:**

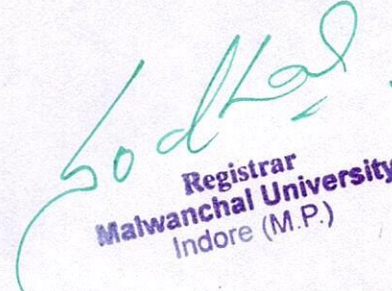
Product	CCA Quantity
Medical College (Hospital Unit)	Bed Capacity- 650 Nos. (Six Hundred Fifty Beds)
Captive Power generation through 65x3KVA DG Sets	195KVA

Note:- For any change in above Hospital shall obtain fresh consent from the board.

The Validity of the consent & BMW authorisation is up to **31/01/2023** 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. 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 BMW Rules
- * General conditions


Registrar
Mahwanchal University
Indore (M.P.)


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Mishra, Member Secretary
Date: 21/04/2022 05:36:49 PM


ACHYUT ANAND MISHRA
Member Secretary



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

1. The daily quantity of trade effluent generation shall not exceed 40.000 KL/day, and the daily quantity of sewage generation shall not exceed 75.000 KL/day.

2. Trade Effluent Treatment:-

The applicant shall operate the effluent treatment system 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.	Bioassay	90 % survival of fish after 96 hour 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 the sewage treatment system and maintain the same properly to achieve following standards -

pH	Between	6.5 – 9.0
Suspended Solids	Not exceed	100 mg/l.
BOD ₃ Days 27°C	Not exceed	30 mg/l.
COD	Not exceed	50 mg/l.
Oil and grease	Not exceed	10 mg/l.
Fecal Coliform (FC) MPN/100ml	Not exceed	1000

Sr	Water Code (Qty in klpd - Kilo Ltr per Day)	WC : 140.000	WWG : 115.000	Water Source
1	Domestic Purpose	90.000	75.000	Borewell
2	Floor / Utensils Washing	50.000	40.000	Borewell

4. The effluent/Sewage 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 Hospital/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 Hospital/unit shall also monitor the treated wastewater flow and report the same online through monthly patrak/statements.

6. Any change in 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. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a quarterly Discharge Monitoring report on line to the Board through the link "Periodic Compliances" provided on XGN.

9. 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.

10. Prohibition of Bypass 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:

- where unavoidable to prevent loss of life or severe property damage, or
- 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

30/11/2019
Registrar
Malwanchal University
Indore (M.P.)



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diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

11. Hospital management shall submit the information online through the link "Periodic Compliances" provided on XGN in reference to compliance of consent conditions.

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

1. The applicant shall operate air pollution control system consisting of control equipments and same shall be maintained continuously so as to achieve the level of pollutants to the following standards:-

Name of section	Capacity	Stack height (mtrs)	Fuel	Fuel Consumption	Control equipment installed	P.M, SOX, NOX(mg/NM3)
D.G. Sets	3X65 KVA	5	Diesel	3x10 Liter/Hr	Acoustic enclosure	As Per CPCB/ MoEFCC Guidelines

2. Ambient air quality at the boundary of the Hospital/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 $\mu\text{g}/\text{m}^3$ (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. Hospital 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. Hospital shall make the necessary arrangements for control of the fugitive emission from any source of emission/section/activities.

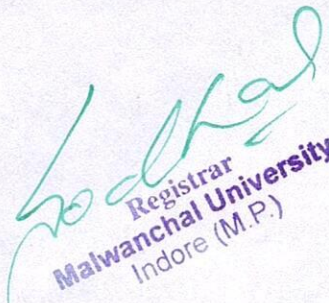
5. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

6. Hospital 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. Hospital shall take effective steps for extensive tree plantation of the local tree species within or around the Hospital premises for general improvement of environmental conditions.

(Minimum number of plants to be planted by the unit:-5500)


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Malwanchal University
Indore (M.P.)

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FORM -III

(See rule 10)

AUTHORISATION

(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 - **COW-1131652 Dt. 30/03/2022.**
2. **M/s. Index Medical College & Rc, Indore,** an occupier of the Health Care Facility located at **33, Vill. Morod, Nemawar Road, Tal : Khudel Dist : Indore, (M.P.) - 452016** is hereby granted an authorisation for;

Activity

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

M/s. Index Medical College & Rc, Indore, is hereby authorized for handling of biomedical waste as per the capacity given below;

- (i) Number of beds of HCF: **650**
- (ii) Quantity of Biomedical waste handled, treated or disposed: -

Type of Waste Category	Quantity permitted for Handling (Kg/Day)
Yellow	-- 26.82
Red	-- 10.52
White (Translucent)	-- 3.10
Blue	-- 2.00

3. This authorisation shall be in force for a period of up to **31/01/2023.**
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.
 - (c) Provisions of Waste sharp destruction treatment/disposal arrangements.
 - (d) Safe transportation arrangement of wastes from various wards to treatment site.

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Registrar
Maulana Azad University
Indore. (M.P.)



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(e) 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 conform 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. 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.
19. 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.

Consent No:AWB-55729

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Registrar
Malwanchar University
Indore (M.P.)



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GENERAL CONDITIONS:

1. The non hazardous solid waste arising in the Hospital 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).
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. Hospital Management 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, Air Pollution Control act, 1981, Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 and Bio- Medical Waste Management 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 Hospital Management shall establish a separate environmental cell, headed by senior officer of the unit for reporting the environmental compliances. The Hospital/ Unit shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
9. 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 Water Act or the Air Act.
10. 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.
11. 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 Hospital.

Consent as required under the Water (Prevention & Control of Pollution) Act, 1974, The Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Bio- Medical Waste Management Rules, 2016 is granted to your Hospital 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.

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Registrar
Malwanchal University
Indore (M.P.)

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

Achyut Mishra

ACHYUT ANAND MISHRA
Member Secretary

Consent No:AWB-55729

ITL LABS PVT.LTD.
 25, Gokuldas Compound, Industrial E State , Opp. Kalyan Mill
 Indore 452011 (M.P.)
 Phone No. +91-0731-2972927,2972928
 E-mail: indoreitl.mskhan@gmail.com

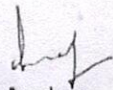
TEST REPORT

Report No. F202104070065


Sender/ Party	INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER Index City, MH 59A, Nemawar Road, Dist Indore (M.P.)		
Sample Name	DIALYSIS WATER		
Reference no. of letter	N S		Receipt Date
Mfg. By	N.S	22/04/2021	
Supplied by	N.S		
Batch no. & Code no	N.S	Batch Size	N.S
Mfg. Date	NA	Sample Qty	1 LITER
Exp. Date	NA	Lic. No.	N.S
Sample Packing	PLASTIC BOTTLE	Protocol	IP-2018

Sl	PARAMETERS	Results	Specifications
1	DESCRIPTION	Clear colourless solution.	
2	BACTERIAL ENDOTOXINS	Less than 0.25EU/ml	LI NMT 0.25EU/ml

Remark: 1. The no. of parameter tested are 02 only. The test report issued subject to the terms and conditions mentioned overle


Analyst

Date of Completion


Authorized Signatory


Registrar
Malwanchal University
Indore (M.P.)

TEST REPORT

Name and Address of Customer INDEX MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTER Nemawar Road, Post Bavlia Near Khudel, Indore (M.P.), 452016	Laboratory Reference Number (LRN)	:	KTRC/2207004015/A
	Date of Receipt	:	15 07 2022
	Condition, When Received	:	Satisfactory
	Packing, When Received	:	Packed
	Quantity Received (Approx.)	:	2 Ltr
	Date of Start Test	:	15 07 2022
Sample Identification : Drinking Water as per IS 10500 : 2012	Date of Completion of Test	:	20 07 2022
	Date of Reporting	:	20 07 2022
Customer Reference: CES/2022-2023/ENV/58 Dated 15 07 2022			
Sample Particulars: Ro Drinking Water			

TEST RESULTS:-

S. NO.	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATION
1	Total Coliform	ln / 100 ml	Absent	IS 1622 1981	Should be Absent
2	E coli	ln / 100 ml	Absent	IS 1622 1981	Should be Absent

Note - Tests have been undertaken at lab of sub-Contractor

** End of Report**

Er. Ruby S. Malhotra
Quality Manager & Authorized Signatory



Registrar
Malwanchal University
Indore (M.P.)

Terms of Service

1. Samples not drawn by us are not covered by this report. 2. This report is valid only for the purpose mentioned in the report. 3. This report is valid only for the purpose mentioned in the report. 4. This report is valid only for the purpose mentioned in the report. 5. This report is valid only for the purpose mentioned in the report. 6. This report is valid only for the purpose mentioned in the report. 7. This report is valid only for the purpose mentioned in the report. 8. This report is valid only for the purpose mentioned in the report. 9. This report is valid only for the purpose mentioned in the report. 10. This report is valid only for the purpose mentioned in the report.



TEST REPORT

ULR:TC78322200004205F

KTRC/QF/0708/01

Name and Address of Customer INDEX MEDICAL COLLEGE, HOSPITAL & RESEARCH CENTER Nemawar Rd, post Bavlia near Khudel, Indore (M.P.), 452016	Laboratory Reference Number (LRN)	KTRC/2207004015
	Date of Receipt	15.07.2022
	Condition, When Received	Satisfactory
	Packing, When Received	Packed
	Quantity Received (Approx.)	2 Litre
	Date of Start Of Test	20.07.2022
Sample Identification: Drinking Water as per IS 10500 : 2012	Date of Completion	20.07.2022
	Date of Reporting	20.07.2022
	Customer Reference :- CES/2022-2023/ENV/58 Dated 15.07.2022	
Sample Particulars : Water Grade : None RO Water Drinking.		

TEST RESULTS

S.NO	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATIONS
1	Colour	HU	BDI < 1	IS 3025 (Part 4) : 2021	Max 5
2	Odour	-	Agreeable	IS 3025 (Part 5) : 2018	Agreeable
3	pH	-	6.90	IS 3025 (Part 11) : 1983	6.5-8.5
4	Taste	-	ag	IS 3025 (Part 8) : 1984	Agreeable
5	Turbidity	NTU	BDI < 0.1	IS 3025 (Part 10) : 1984	Max 1
6	Chloride as Cl	mg/l	355.89	IS 3025 (Part 32) : 1988	Max 250
7	Calcium as Ca	mg/l	6.4	IS 3025 (Part 40) : 1991	Max 75
8	Total Dissolved Solids	mg/l	119.0	IS 3025 (Part 16) : 1984	Max 500
9	Fluoride as F	mg/l	0.1	IS 3025 (Part 60) : 2008	Max 1.0
10	Free Residual Chlorine	mg/l	BDI < 0.01	IS 3025 (Part 26) : 2021	Min 0.2
11	Magnesium as Mg	mg/l	1.94	IS 3025 (Part 46) : 1994	Max 30
12	Nitrate as NO3	mg/l	BDI < 0.5	IS 3025 (Part 34) : 1988	Max 45
13	Phenolic Compounds as C6H5OH	mg/l	BDI < 0.001	IS 3025 (Part 43) : 1992	Max 0.001
14	Sulphate as SO4	mg/l	22.96	IS 3025 (Part 24) : 1986	Max 200
15	Alkalinity	mg/l	32.00	IS 3025 (Part 23) : 1983	Max 200
16	Total Hardness(as CaCO3)	mg/l	24.0	IS 3025 (Part 21) : 2009	Max 200

Remark: BDL=> Below Detection Limit

End of Report

Electronically signed by
 Er. Ruby S. Malhotra(002)
 Quality Manager
 Authorised Signatory
 Date:20/07/2022

Ruby S. Malhotra
 Registrar
 Malwanchal University
 Indore (M.P.)

Plot No. 141 C, Electronic Complex, Pardeshipura, Indore - 452010 (INDIA) Ph. +91-731-4787553/350 Lines: 4046055, 4048055
 Email: contact@kailtech.net, electronics@kailtech.net Web: www.kailtech.net CIN - U73100MP2006PTC019006

Terms of Service

7/21/22, 5:04 PM



KAILTECH
Test & Research Centre Pvt. Ltd.

LRN: KTRC/2207004015
Page 1 of 1

TEST REPORT

ULR:TC78322200004205F		KTRC/QF1	
Name and Address of Customer INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER Nemawar Rd. post Bavlia near Khudel Indore (M.P.) 452016		Laboratory Reference Number (LRN)	KTRC/2207004015
		Date of Receipt	10/01/2022
		Condition, When Received	Satisfactory
		Packing, When Received	Packed
		Quantity Received (Approx.)	2 Litre
		Date of Start Of Test	10/01/2022
		Date of Completion	14/01/2022
Sample Identification: Drinking Water as per IS 10500 2012		Date of Reporting	15/01/2022
Customer Reference :- CES/2022-2023/ENV/ 67 Dated 10/01/2022			
Sample Particulars : Water Grade None RO Water Drinking.			

TEST RESULTS

S.NO	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATIONS
1	Colour	HU	BDI < 1	IS 3025 (Part 4) 2021	Max 5
2	Odour	-	Agreeable	IS 3025 (Part 5) 2018	Agreeable
3	pH	-	7.5	IS 3025 (Part 11) 1983	6.5-8.5
4	Taste	-	ag	IS 3025 (Part 8) 1984	Agreeable
5	Turbidity	NTU	BDI < 0.1	IS 3025 (Part 10) 1984	Max 1
6	Chloride as Cl	mg/l	240.0	IS 3025 (Part 32) 1988	Max 250
7	Calcium as Ca	mg/l	8.9	IS 3025 (Part 40) 1991	Max 75
8	Total Dissolved Solids	mg/l	144.0	IS 3025 (Part 16) 1984	Max 500
9	Fluoride as F	mg/l	0.1	IS 3025 (Part 60) 2008	Max 1.0
10	Free Residual Chlorine	mg/l	BDI < 0.01	IS 3025 (Part 26) 2021	Min 0.2
11	Magnesium as Mg	mg/l	3.60	IS 3025 (Part 46) 1994	Max 30
12	Nitrate as NO3	mg/l	BDI < 0.8	IS 3025 (Part 34) 1988	Max 45
13	Phenolic Compounds as C6H5O-	mg/l	BDI < 0.001	IS 3025 (Part 43) 1992	Max 0.001
14	Sulphate as SO4	mg/l	156.0	IS 3025 (Part 24) 1986	Max 200
15	Alkalinity	mg/l	42.0	IS 3025 (Part 23) 1983	Max 200
16	Total Hardness(as CaCO3)	mg/l	35.0	IS 3025 (Part 21) 2009	Max 200

Remark: BDL=> Below Detection Limit

End of Report

Electronically signed by
Er. Ruby S. Malhotra (002)
Quality Manager
Authorised Signatory
Date:20/07/2022

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Ruby S. Malhotra
Registrar
Kailtech University
Indore (M.P.)



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Test & Research Centre Pvt. Ltd.

LRN: KTRC/2207004015

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TEST REPORT

ULR:TC78322200004205F

KTRC/QF/

Name and Address of Customer INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER Nemawar Rd. post Bavla near Khudel Indore (M.P.),452016	Laboratory Reference Number (LRN)	KTRC/2207004015
	Date of Receipt	07/03/2022
	Condition, When Received	Satisfactory
	Packing, When Received	Packed
	Quantity Received (Approx.)	2 Litre
Sample Identification: Drinking Water as per IS 10500 2012	Date of Start Of Test	07/03/2022
	Date of Completion	11/03/2022
	Date of Reporting	12/03/2022
Customer Reference :- CES/2022-2023/ENV/26 Dated 07/03/2022		
Sample Particulars : Water Grade None RO Water Drinking.		

TEST RESULTS

S NO	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATIONS
1	Colour	HU	BDI < 1	IS 3025 (Part 4) 2021	Max 5
2	Odour	-	Agreeable	IS 3025 (Part 5) 2018	Agreeable
3	pH	-	6.9	IS 3025 (Part 11) 1983	6.5-8.5
4	Taste	-	ag	IS 3025 (Part 8) 1984	Agreeable
5	Turbidity	NTU	BDI < 0.1	IS 3025 (Part 10) 1984	Max 1
6	Chloride as Cl	mg/l	210.0	IS 3025 (Part 32) 1988	Max 250
7	Calcium as Ca	mg/l	12.6	IS 3025 (Part 40) 1991	Max 75
8	Total Dissolved Solids	mg/l	156.6	IS 3025 (Part 16) 1984	Max 500
9	Fluoride as F	mg/l	0.1	IS 3025 (Part 60) 2008	Max 1.0
10	Free Residual Chlorine	mg/l	BDI < 0.01	IS 3025 (Part 26) 2021	Min 0.2
11	Magnesium as Mg	mg/l	6.20	IS 3025 (Part 46) 1994	Max 30
12	Nitrate as NO3	mg/l	BDI < 0.8	IS 3025 (Part 34) 1988	Max 45
13	Phenolic Compounds as C6H5OH	mg/l	BDI < 0.001	IS 3025 (Part 43) 1992	Max 0.001
14	Sulphate as SO4	mg/l	70.28	IS 3025 (Part 24) 1986	Max 200
15	Alkalinity	mg/l	38.00	IS 3025 (Part 23) 1983	Max 200
16	Total Hardness(as CaCO3)	mg/l	48.0	IS 3025 (Part 21) 2009	Max 200

Remark: BDL=> Below Detection Limit

End of Report

Electronically signed by
Er. Ruby S. Malhotra(002)
Quality Manager
Authorised Signatory
Date:20/07/2022

Ruby S. Malhotra
Registrar
Malwanchal University
Indore (M.P.)

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TC-7832

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TEST REPORT

ULR:TC78322200004205F

KTRC/QF:

Name and Address of Customer INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER Nemawar Rd. post Bavlia near Khudel Indore (M.P.) 452016	Laboratory Reference Number (LRN)	KTRC/2207004
	Date of Receipt	06/05/2022
	Condition, When Received	Satisfactory
	Packing, When Received	Packed
	Quantity Received (Approx.)	2 Litre
	Date of Start Of Test	06/05/2022
Sample Identification: Drinking Water as per IS 10500 : 2012	Date of Completion	10/05/2022
	Date of Reporting	11/05/2022
Customer Reference :- CES/2022-2023/ENV/30 Dated: 06/05/2022		
Sample Particulars : Water Grade: None RO Water Drinking		

TEST RESULTS

S.NO	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATIONS
1	Colour	HU	BDI < 1	IS 3025 (Part 4) : 2021	Max 5
2	Odour	-	Agreeable	IS 3025 (Part 5) : 2018	Agreeable
3	pH	-	7.6	IS 3025 (Part 11) : 1963	6.5-8.5
4	Taste	-	ag	IS 3025 (Part 8) : 1964	Agreeable
5	Turbidity	NTU	BDI < 0.1	IS 3025 (Part 10) : 1964	Max 1
6	Chloride as Cl	mg/l	240.68	IS 3025 (Part 32) : 1968	Max 250
7	Calcium as Ca	mg/l	8.9	IS 3025 (Part 40) : 1991	Max 75
8	Total Dissolved Solids	mg/l	134.0	IS 3025 (Part 16) : 1964	Max 500
9	Fluoride as F	mg/l	0.1	IS 3025 (Part 60) : 2008	Max 1.0
10	Free Residual Chlorine	mg/l	BDI < 0.01	IS 3025 (Part 26) : 2021	Min 0.2
11	Magnesium as Mg	mg/l	3.80	IS 3025 (Part 46) : 1994	Max 30
12	Nitrate as NO3	mg/l	BDI < 0.8	IS 3025 (Part 34) : 1968	Max 45
13	Phenolic Compounds as C6H5OH	mg/l	BDI < 0.001	IS 3025 (Part 43) : 1992	Max 0.001
14	Sulphate as SO4	mg/l	50.60	IS 3025 (Part 24) : 1966	Max 200
15	Alkalinity	mg/l	40.0	IS 3025 (Part 23) : 1983	Max 200
16	Total Hardness (as CaCO3)	mg/l	30.0	IS 3025 (Part 21) : 2009	Max 200

Remark: BDL=> Below Detection Limit

End of Report

Electronically signed by
Er. Ruby S. Malhotra (002)
Quality Manager
Authorised Signatory
Date: 20/07/2022

Ruby S. Malhotra
Registrar
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Indore (M.P.)

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TEST REPORT

ULR:TC78322200004205F

KTRC/QF1

Name and Address of Customer INDEX MEDICAL COLLEGE HOSPITAL & RESEARCH CENTER Nemawar Rd. post Bavla near Khudel Indore (M.P.) 452016	Laboratory Reference Number (LRN)	KTRC/2207004
	Date of Receipt	10/06/2022
	Condition, When Received	Satisfactory
	Packing, When Received	Packed
	Quantity Received (Approx.)	2 Litre
	Date of Start Of Test	10/06/2022
Sample Identification: Drinking Water as per IS 10500 2012	Date of Completion	11/06/2022
	Date of Reporting	12/06/2022
Customer Reference :- CES/2022-2023/ENV/60 Dated 10/06/2022		
Sample Particulars : Water Grade None RO Water Drinking.		

TEST RESULTS

S.NO	PARAMETER	UNIT	RESULTS	TEST METHOD	SPECIFICATIONS
1	Colour	HU	BDI < 1	IS 3025 (Part 4) 2021	Max 5
2	Odour	-	Agreeable	IS 3025 (Part 5) 2018	Agreeable
3	pH	-	6.9	IS 3025 (Part 11) 1983	6.5-8.5
4	Taste	-	ag	IS 3025 (Part 8) 1984	Agreeable
5	Turbidity	NTU	BDI < 0.1	IS 3025 (Part 10) 1984	Max 1
6	Chloride as Cl	mg/l	220.00	IS 3025 (Part 32) 1988	Max 250
7	Calcium as Ca	mg/l	9.5	IS 3025 (Part 40) 1991	Max 75
8	Total Dissolved Solids	mg/l	150.0	IS 3025 (Part 16) 1984	Max 500
9	Fluoride as F	mg/l	0.1	IS 3025 (Part 60) 2008	Max 1.0
10	Free Residual Chlorine	mg/l	BDI < 0.01	IS 3025 (Part 26) 2021	Min 0.2
11	Magnesium as Mg	mg/l	3.80	IS 3025 (Part 46) 1994	Max 30
12	Nitrate as NO3	mg/l	BDI < 0.4	IS 3025 (Part 34) 1988	Max 45
13	Nitrate as NO3	mg/l	BDI < 0.001	IS 3025 (Part 43) 1992	Max 0.001
14	Phenolic Compounds as C6H5OH	mg/l	36.86	IS 3025 (Part 24) 1986	Max 200
15	Sulphate as SO4	mg/l	45	IS 3025 (Part 23) 1983	Max 200
16	Alkalinity	mg/l	35.0	IS 3025 (Part 21) 2009	Max 200
16	Total Hardness(as CaCO3)	mg/l			

Remark: BDL=> Below Detection Limit

End of Report

Electronically signed by
Er. Ruby S. Malhotra(002)
Quality Manager
Authorised Signatory
Date:20/07/2022

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