

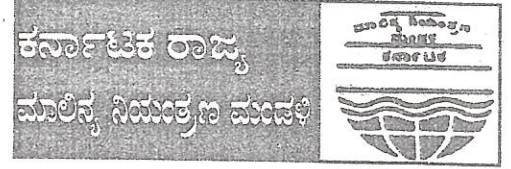
Regional Office : Kodagu

**Karnataka State Pollution Control Board**

Plot No. 436-D, Hebbal, Industrial Area,  
K.R.S Road, Metagalli,  
Mysore - 570 016.  
Tele.Fax : ☎ : 0821-2518555

ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ : ಕೊಡಗು

ಪ್ಲಾಟ್ ನಂ 436-ಡಿ, ಹೆಬ್ಬಾಳ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ  
ಕೆ.ಆರ್.ಎಸ್. ರಸ್ತೆ,  
ಮೆಟಗಲ್ಲಿ,  
ಮೈಸೂರು - 570 016



towards a Cleaner Karnataka

(SEE RULE 3(3) AND 7(5))

(Authorization for Generation, Collection, Reception, Storage,  
Transportation, Treatment, Disposal and/or handling Bio-Medical  
Waste.)

Auth No. KSPCB/EO/DEO/BMW- Auth/F-reg.No.108/2014-15/576 Date: 01/10/2014

1. The Occupier of M/s. Coorg Institute of Dental Sciences, is hereby granted an authorization to operate a facility for Generation, Collection, Reception, Storage, Transportation, Treatment and Disposal of Bio-Medical Waste in the premises situated at **K K Campus, Maggula, Virajpet Tq, Coorg District.**
2. This authorization is granted to the above Health care establishment with bed strength of **20 numbers** for Generation, Collection, Reception, Storage, Transportation of the following categories of Bio-Medical Waste for treatment and disposal as indicated under Col.No.4.

Cat.No(1)	Waste category Type(2)	Quantity of Biomedical waste generated (3)	Treatment & disposal method(4)
1	Human anatomical waste	3 Kg/month	Shall hand over to CBMWTF
4	Waste Sharps	1 Kg/month	Shall hand over to CBMWTF
6	Soiled wastes	60 Kg/month	Shall hand over to CBMWTF
7	Solid wastes (Waste generated from disposable items other than the waste sharps such as tublings, catheters, IV sets etc.)	1 Kg/month	Shall hand over to CBMWTF
8	Liquid wastes Disinfection by chemical treatment and discharge into drains.	2000 ltr/day	Disinfection by chemical treatment and discharge into drains

3. **This authorization granted for a period from 01-07-2014 to 30-06-2017 .**
4. This authorization is issued subject to the terms and conditions enclosed and to such conditions as may be specified in the Rules for the time being in force under the Environment (Protection) Act, 1986.
5. It is the duty of every occupier to ensure that, all the biomedical waste generated is handled and disposed scientifically as per the Rules without causing any adverse effect to human health and the environment.
6. The occupier is required to ensure that, discharge of liquid wastes is in compliance with the standards stipulated in schedule V of the Rules.
7. The applicant shall segregate the biomedical waste as per the Rules at individual ward level before handing over to common biomedical waste treatment facility.
8. The hospital authority/applicant shall open Biomedical Waste Management cell involving at least 10 staff and fixing responsibility on each of the staff. The staff shall be chosen from different hierarchical levels and these staff shall undergo training on the details of biomedical waste management.


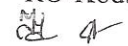
**PRINCIPAL**

**Coorg Institute of Dental Sciences  
VIRAJPET, PIN - 571 218**

E-mail:kodagu@kspcb.gov.in




9. Hospital authority/applicant shall maintain the records and log book regarding generation and disposal of different categories of biomedical waste in the hospital on a day to day basis.
10. The Hospital authority/applicant shall earmark the Floor wise allotment of responsibilities for Bio-Medical Waste Management among staff and the same shall be displayed to the public.
11. The applicant shall display Charter on implementation of Bio-Medical Waste (M&H) Rules to the public in the hospital.
12. The applicant shall apply & obtain the Consent under Water Act & Air Act within one month time from the date of receipt of this authorization.
13. The Hospital Authority shall segregate Mercury waste from the Bio-Medical stream and same shall be stored in a secured place before its disposal as per relevant statute.
14. The applicant shall display this authorization at a prominent place like reception / entrance Etc.,
15. The applicant shall ensure compliance to all the applicable provisions of bio-medical waste(management and handling) rules.

  
Environmental officer  
RO-Kodagu  


**The Occupier**

M/s. Coorg Institute of Dental Sciences ,  
K K Campus, Maggula Village,  
Virajpet Tq,  
Coorg District.

  
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**Coorg Institute of Dental Sciences**  
**VIRAJPET, PIN - 571 218**



1. The first part of the document is a list of names and addresses. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, New York, NY 10001; 456 Elm St, New York, NY 10002; and 789 Oak St, New York, NY 10003.





ctor (CBMWTF) with consent and approval from Karnataka State Pollution Control having a common treatment facility for managing Bio-Medical waste in Dakshina da district at Plot No.47/B, Karnad Industrial Area, KIADB, Mulky, Mangalore - 4. The facility is having state of autoclave system along with shredder and rator.

Institute Of Dental Sciences gives its bio-medical waste properly packed in colour bags (in case of amputated parts the hospital should give one letter duly signed :horized person mentioning the patient's name, age & reason for amputation) as ollution control board regulations for treatment and final disposal to Contractor (WTF). The waste should be given at one single point by the Coorg Institute Of I Sciences at given time of Contractor (CBMWTF).

actor (CBMWTF) will charge a price of Rs.15000/- (Rupees Fifteene Thousand per month as agreed with Coorg Institute Of Dental Sciences for collection, ortation, treatment and final disposal of bio-medical waste. The price will be fixed eriod up to 31<sup>st</sup> December 2023.

; Institute Of Dental Sciences during this period will not enter into any agreement ny other party or organization for the waste treatment and disposal.

; Institute Of Dental Sciences is assuring that the payment should be made gh account payee cheque in favour of M/s. Ramky Energy & Environment Ltd on ore 15<sup>th</sup> of every month.

actor (CBMWTF) will collect bio medical waste regularly and treat the waste as per egulations. Contractor (CBMWTF) will not collect any waste that is not segregated roprierly packed and also general garbage.

g Institute Of Dental Sciences if requested will supply the colour coded waste tion bags at a nominal rate mutually decided between Contractor (CBMWTF) and ital.

actor (CBMWTF) will issue a proof waste collection from Coorg Institute Of Dental ices on regular basis. This will help the individual hospital for getting compliance the state pollution control board. The individual hospital/nursing home can take uthorization from the pollution control board by informing the board that ractor (CBMWTF) treats their waste, (the same has to be mentioned in the orization form).

Contd..3

12/12/2023







- i. In case of hospital/nursing home/clinics find any irregularities in collection waste, they can send a notice in writing to **Contractor (CBMWTF)** for immediate action.
- j. **Contractor (CBMWTF)** will maintain their plant in good condition all the time and ensure continuity of service on all the days without fail and get clearance from the Pollution Control Board as per regulations.
- k. This Memorandum of understanding is entered into on the express understanding that **Contractor (CBMWTF)** will maintain and run the facilities and collect transport and treat the waste at their plant strictly in accordance with the consent of the Karnataka State Pollution Control Board and it shall be the responsibility to obtain the consent and keep the same always in force.
- l. In case of violation of any of the agreed conditions of the MOU by either side, Issue of notice may terminate this MOU three months in advance by either party for terminating their respective obligations.
- m. This Memorandum of Understanding will remain valid for a period of Two years commencing from **01<sup>st</sup> Jan 2021 to 31<sup>st</sup> Dec 2023**, after which date the agreement will automatically stand terminated by the efflux of time unless extended further by mutual agreement.
- n. All disputes to this understanding are subject to the jurisdiction of the court in Mangalore only.

All the above points will have legal binding for a minimum period of one year from the date of this agreement.

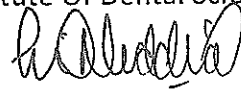
M/s. Ramky Energy & Environment Ltd



Authorized Signatory



Medical Director,  
Coorg Institute Of Dental Sciences



Authorised Signatory







ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ  
Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ  
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

//BY REGD.POST WITH ACK.DUE//

(This document contains.....06.....pages including annexure) 9/5  
Combined Consent order No. PCB/ SEO(WMC)/BMW/Reg.No.92957/2015.....Dt: 27 AUG 2015

Consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act 1974 and Emissions under the Air (Prevention and Control of Pollution) Act 1981.

- Ref: (1) Application under water and air act received at Regional Office, Kodagu on 12.06.2015.  
(2) Inspection of the hospital by Environment Officer on 12.06.2015.  
(3) Proceeding of Consent Committee Meeting held on 25.07.2015.

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Consent is hereby granted under section 25 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 (herein after referred as the Water Act and the Air Act respectively) and the Rules and Orders made there under and subject to the terms and conditions as detailed in the schedule annexed to this order.

Consent is granted to the occupier M/s. Coorg Institute of Dental Sciences, (20 Bedded Hospital) authorizing them to operate their Hospital and to make discharge of effluents and emissions from the premises as detailed below:

M/s. Coorg Institute of Dental Sciences, K.K. Campus, Maggula Village, Virajpet Taluk, Kodagu District.

Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge	Limits specified refer schedule	Place of discharge
1	Domestic effluent	88 KLD	Annexure I	Onland for gardening
2	Liquid Waste (Category 8 of Bio Medical Waste (Management and handling Rules) 1998)			

Discharge of air emissions under the Air Act from the following stacks/process etc.

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
1	80 KVA DG set	Annexure II
2	125 KVA DG set	
3	Kitchen exhaust	

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Member Secretary

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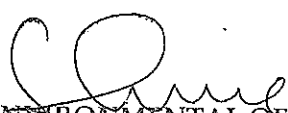
SENIOR ENVIRONMENTAL OFFICER(WMC)

The consent is valid for Discharge of Effluents and Emissions.

The Consent is granted for the period from 01.07.2015 to 30.06.2018.

For and on behalf of the KSPCB

Draft Approved By  
Member Secretary

  
SENIOR ENVIRONMENTAL OFFICER (WMC)

To,

The Principal,  
M/s. Coorg Institute of Dental Sciences,  
K.K. Campus, Maggula Village, Virajpet Taluk,  
Kodagu District.

SCHEDULE  
TERMS AND CONDITIONS

(to accompany consent No.... PCB/ SEO(WMC)/BMW/2015-16.....)

**A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT**

1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The daily quantity of effluent discharge shall not exceed the limits indicated in Column (3) and shall not contain the constituents in excess of the Tolerance limits stipulated in Annexure I;

Sl. No.	Description of the effluents	Daily quantity of discharge in KLD	Tolerance Limits	Frequency of monitoring
1	2	3	4	5
1	Domestic effluent and	88KLD	-	Quarterly
2	Liquid Waste (Category 8 of Bio Medical Waste (Management and handling Rules) 1998)			

3. The applicant shall discharge the effluents only to the place mentioned in the Consent order.
4. The Liquid Bio Medical Waste generated from hospital shall be segregated and disinfected at the source to the standards stipulated in Annexure I(b) and discharged to Sewage treatment plant. The combined effluent shall be treated so as to confirm to the standards stipulated in Annexure-I(A) & used for on land for irrigation.

**B. DISCHARGE OF EMISSIONS UNDER THE AIR ACT**

1. The discharge of emissions from the premises of the applicant shall pass through the stack/chimney/outlet mentioned in this consent order where from the Board shall be free to collect the samples at any time in accordance with the Act or Rules made there under.
2. The rate of emissions discharged and the tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure II.

**C. GENERAL CONDITIONS APPLICABLE TO ALL ACTIVITIES**

1. The applicant shall provide water meters for every source of water and shall submit the cess returns regularly as required under Water Cess Act before 5<sup>th</sup> of every month in the prescribed form.
2. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
3. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.
4. The applicant, his heirs, legal representatives or assigns shall have no claims whatsoever to the continuation or renewal of this consent after expiry of the period of consent.

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Member Secretary

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PRINCIPAL  
Coorg Institute of Dental Sciences  
VIRAJPET, PIN - 571 218

5. The applicant shall forth with keep the Board informed of any accident of unforeseen act or event of any poisonous, noxious or polluting matter or emissions are being discharged into stream or well or air as a result of such discharge, water or air is being polluted.
6. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
7. The applicant shall make an application for consent at least 120 days before expiry of this consent.
8. The applicant shall not change or alter quality or quantity or the rate of discharge or temperature or the route of discharge with out the previous consent of the Board.
9. The applicant shall promptly comply with all orders and instructions issued from time to time by the Board or any other officers of the Board duly authorized in this behalf.
10. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
11. The applicant shall dispose all biomedical waste as per the authorisation issued by board under the Biomedical waste(Management and Handling) Rules, 1998.
12. The applicant shall dispose expired drugs as per the authorisation issued by board under the Biomedical waste(Management and Handling) Rules, 1998 and maintain record for the same.

**13. Solid Waste Management:**

- (a) The applicant shall segregate solid waste from Hazardous Waste/Bio-medical Waste/Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to Environment.
- (b) Biomedical waste shall be handed over to Common Bio Medical Waste Treatment Facility, approved by Board.


**14. Noise Pollution Control:**

- (a) The applicant shall take steps to control noise levels so as to maintain ambient air quality standard in respect of noise as laid down under the Noise Pollution (Regulation and Control) Rules, 2000.
- (b) The applicant shall provide necessary acoustic enclosures or measures to control noise levels generated from the DG Sets as per Environment Protection Rules, 1986.

**15. Monitoring and reporting :**

1. The analysis of effluents and emissions may be carried out in house laboratory/ KSPCB approved laboratory/ laboratories approved under Environmental (Protection) Act, 1986 and furnish the reports of analysis to the area regional officer.

Draft Approved By  
Member Secretary

  
SENIOR ENVIRONMENTAL OFFICER(WMC)

## ANNEXURE I

### A. Discharge Standards for Treated Effluent for Onland for irrigation:

Sl.No.	Parameters	Permissible limits
1	Suspended solids, mg/l, max	200
2	PH value	5.5 to 9.0
3	Oil and Grease, mg/l, max	10
4	Biochemical Oxygen Demand (3 days at 27°C), mg/l, max	100

### Loading rate of treated effluent on land for irrigation


Sl. No.	Soil texture	Loading rate in m <sup>3</sup> /Hec/Day
1	Sandy	225 to 280
2	Sandy Loam	170 to 225
3	Loam	110 to 170
4	Clay Loam	55 to 110
5	Clayey	35 to 55

### B. Discharge Standards for Liquid Biomedical Waste

Sl.No.	Parameters	Permissible limits
1	Suspended solids	100 mg/l, max.
2	PH value	6.5 to 9.0
3	Oil and Grease	10 mg/l, max
4	Biochemical Oxygen Demand (3 days at 27°C)	30 mg/l, max
5	COD	250
6	Bio- assay test	90 % survival of fish after 96 hours in 100% effluent.

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Member Secretary

  
SENIOR ENVIRONMENTAL OFFICER(WMC)

  
PRINCIPAL  
Goorg Institute of Dental Sciences  
VIRAJPET, PIN - 571 218

**ANNEXURE-II**

Chimney	Chimney Attached to	Minimum Chimney Height to be Provided Above ground level	Air Pollution Control equipment to be installed, in addition to Chimney height as per Col (3)	Date of which air pollution Control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.	Remarks
01	02	03	07	08	09
1	80 KVA DG set	3 Mtr ARL	Acoustic enclosure	At all times	1) There shall be no smell or odour nuisance from the industry. 2) There shall be no other sources of air pollution.
2	125 KVA DG set	5 Mtr ARL	Acoustic enclosure	At all times	
3	Kitchen exhaust	3 Mtr ARL	Acoustic enclosure	At all times	

Note: 1. The noise levels shall not exceed 50 dB(A) leq. & 40 dB(A) leq. During day time and night time respectively.

  
**SENIOR ENVIRONMENTAL OFFICER (VMC)**

**Draft Approved By**  
**Member Secretary**