



**Consent For Operation
(CFO-Air,Water)**

Consent No. AW-301005
Valid upto: 22/05/2021

Karnataka State Pollution Control Board
Parisara Bhavana, No.49, Church
Street, Bengaluru-560001
Tele : 080-25589112/3, 25581383
Fax:080-25586321
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: LARGE

(This document contains 5 pages including annexure & excluding additional conditions)

Combined Consent Order No. AW-301005 PCB ID: 14262 Date: 20/09/2016

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act, 1974 and emission under the Air (Prevention and Control of Pollution) Act, 1981

- Ref: 1. Application filed by the applicant/organization on 23/05/2016
 2. Inspection of the Industry/organization/by RO, Bangalore Rajrajeshwarinagar on 25/05/2016 held on
 3. Proceedings of the CCM dated 30/06/2016, held on 29/06/2016

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions conforming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Rajarajeshwari Medical College & Hospital
Address: 202, 203, 204, 205 & 206, Mysore Road
Industrial Area: Not In I.A, Kambipura,
Taluk: BBMP- W- 159, District: Bangalore Urban

Conditions:

a) Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	250.000	174.660	STP of capacity 300 KLD

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No. Description of chimney/outlet Limits specified refer schedule

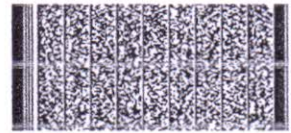
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.

This consent is issued considering the manufacture of Health care establishment (As defined in BMW Rules) / activity.

Sr	Product Name	Applied Qty/Month	Unit
1	Medical College and Hospital - 1000 Beds	0.000	---

This consent is valid for the period from 23/05/2016 to 22/05/2021

For and on behalf of the
Karnataka State Pollution Control Board



RAMESH A

To,
Rajarajeshwari Medical College & Hospital

COPY TO:

- The Environmental Officer, KSPCB, Regional Office Bangalore Rajrajeshwarinagar for information and necessary action.
 2. Master Register.
 3. Case file.



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1. Consent Fee paid : Rs. 77000

SCHEDULE

TERMS AND CONDITIONS

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

1. The discharge from the premises of the occupier 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/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. 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.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. WATER CESS:

1. The applicant shall provide water meter at all the intake points as specified under Section (5) of the Water Cess Act, 1977 and shall file the Water Cess returns regularly before fifth of every month and also pay the Cess assessed with the time stipulated.

D. MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. 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.



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E. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

F. NOISE POLLUTION CONTROL:

1. The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

G. HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) 2008.

The applicant shall comply with the provisions of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008.

H. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
6. The applicant shall provide alternative power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should be made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.



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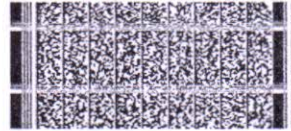
NOTE:

The following Conditions A(2(a) & 3(b)) mentioned in the schedule are not applicable.

Additional Conditions:

1. Applicant shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect BMW rules, 2016. 2. Make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the Bio-Medical Waste Management Rules, 2016. 3. Applicant shall fully comply with The Biomedical Waste Management Rules, 2016

For and on behalf of the
Karnataka State Pollution Control Board



RAMESH A

Note: All efforts should be made to remove colour and unpleasent odour as far as practicable.

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	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.
1	D.G. Sets	180 KVA		PM(mg/NM3), SO2 (PPM), NOx(PPM)	150, 100, 50	DIE	AEC, N.A	Before commissioning.

Note:

AEC, N.A : Acoustic Enclosures

Note:

- The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
- There shall be no smell or odour nuisance from the industry.



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LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 5 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

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सत्यमेव जयते

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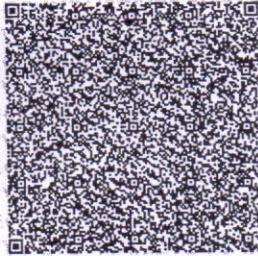
Government of Karnataka

Rs. 50

e-Stamp

Certificate No. : IN-KA46086792855199R
 Certificate Issued Date : 07-Feb-2019 11:28 AM
 Account Reference : NONACC (BK)/ kakscub08/ BANGALORE4/ KA-BA
 Unique Doc. Reference : SUBIN-KAKAKSCUB0825462785805292R
 Purchased by : MARIDI ECO INDUSTRIES PVT LTD
 Description of Document : Article 12 Bond
 Description : AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : MARIDI ECO INDUSTRIES PVT LTD
 Second Party : RAJARAJESHWARI MEDICAL COLLEGE AND HOSPITAL
 Stamp Duty Paid By : MARIDI ECO INDUSTRIES PVT LTD
 Stamp Duty Amount(Rs.) : 50
 (Fifty only)

सत्यमेव जयते

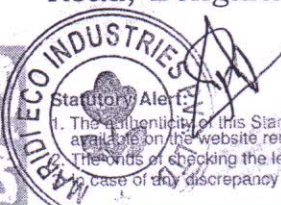


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MEMORANDUM OF UNDERSTANDING

Reg.No: 357

M/s. Maridi Eco Industries Pvt Ltd., having its registered office at No.1A/4,8-2-618/2/2,R.K.Residency.Road No.11.Banjara Hills, Hyderabad-500034, and having branch office at No.5, 2nd Floor, C.M.Plaza, No.71, 8th Cross, 1st Main, S.R.nagar, Bangalore-560027, hereinafter referred to as M/s. Maridi Eco Industries Pvt Ltd. represented by Authorized Signatory and M/s **RAJARAJESHWARI MEDICAL COLLEGE AND HOSPITAL** its Hospital at #202, Kambipura, Mysore Road, Bengaluru - 560074. Ph: 080 - 29292929. Here in after refers as



(Signature)

Statutory Alert:
 1. The authenticity of this Stamp Certificate should be verified at "www.shclsestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
 The onus of checking the legitimacy is on the users of the certificate.
 In case of any discrepancy please inform the Competent Authority.

GOVERNMENT OF KARNATAKA

M/s **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** hereby agreed and come to the Memorandum of Understanding on this 11th day of February month year 2019 as detailed below:

a. M/s Maridi Eco Industries Pvt Ltd. With consent from Karnataka State Pollution control Board is having a common treatment facility form Managing Bio-Medical Waste in Bangalore rural district at 36th Mil, Stone, and Kanakapura Road. The facility is having a state of art Auto clave system along with the shredder and Incinerator.

b. M/s **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** its bio-medical waste, properly packed in color- coded bags as per pollution control Board regulations for treatment and final disposal to M/s. Maridi Eco Industries Pvt. Ltd. The waste should be given at one single point by the M/s. **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** has at given time of M/s . Maridi Eco Industries Pvt Ltd. Vehicle.

c. M/s. Maridi Eco Industries Pvt Ltd. Will charge a price of **Rs. 5.10/- per bed only (Rupees Five and Ten Paise only) (Service Tax Extra as applicable)** as agreed for collection, transportation, treatment and final disposal of biomedical waste. This price will be fixed for a period of two (2) year from date of this agreement and thereafter there will be 12% (Twelve Percent) escalations in the price for every one-year on existing rate.

d. M/s **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL**, will not enter into any agreement with any other party or organization for the waste treatment and disposal unless cancel of this agreement.

e. M/s **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** has **1350 (One thousand three hundred fifty only)** Number of beds. The exact number of beds will be taken from the declaration given to the state authorities.

f. M/s. **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** assuring that payment should be made through Account Payee Cheque In favor of M/s. Maridi Eco Industries Pvt Ltd. On or before 5th of every month.

g. M/s. Maridi Eco Industries Pvt Ltd. Is not responsible for any cash payments and will collect bounce charges.

h. In case of non-receipt of payment on the agreed date from M/s **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** Maridi Eco Industries Pvt. Ltd will stop the collection of waste immediately with intimation to Karnataka State Pollution control Board. The delayed payments will be collected with an interest of 18% per annum.

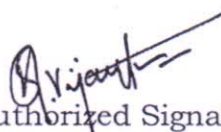
- i. M/s. Maridi Eco Industries Pvt Ltd. will collect medical waste **Regularly (except Sunday)** and treat the waste as per the regulations. M/s. Maridi Eco Industries Pvt Ltd. will not collect any waste that is not segregated or not properly packed. M/s. Maridi Eco Industries Pvt Ltd. will not collect general garbage.
- j. M/s. Maridi Eco Industries Pvt Ltd. will issue a proof of waste collection from M/s. **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** as per your declaration in the application form. This will help the individual hospital for getting compliance with the State Pollution Board. The individual hospital/ Nursing home can take their Authorization from the pollution control board by informing the board that M/s Maridi Eco Industries Pvt Ltd. treats their waste (The same has to be mentioned in the Authorization Form).
- k. Maridi is responsible only for the quantity of waste handed over to them by **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** not for all the waste generated at the hospital/clinic/center/diagnostic etc.
- l. In case **RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL** find any irregularities in collection of waste, they can send a notice in writing to M/s. Maridi Eco Industries Pvt Ltd. for immediate action.
- m. M/s Maridi Eco Industries Pvt Ltd., will maintain their plant in good running condition all the time and ensure continuity of service as per agreed with your hospital.
- n. This Memorandum of understanding is entered into on the express understanding that M/s Maridi Eco Industries Pvt Ltd. 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 current.
- o. In case of violation of any of the agreed condition 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.
- p. All disputes to this understanding are subject to the Jurisdiction of the court in Bangalore only.
- q. MOU Renewal Charges of Rs.200 Extra for next Year.
- r. *This Agreement is effective from 01.03.2019 to 28.02.2021*

M/S Maridi Eco Industries Pvt Ltd

for M/S **RAJARAJESWARI MEDICAL
COLLEGE AND HOSPITAL**



Authorized Signatory


Authorized Signatory