

## INDIAN MEDICAL ASSOCIATION GOES ECO-FRIENDLY (IMAGE)



IMA State Headquarters, Anayara P.O., Thiruvananthapuram - 695029; Ph.0471-2742211, 2741188\*  
IMAGE COMMON BIOMEDICAL WASTE TREATMENT FACILITY - CBWTF  
( Behind Gramalekshmi Mudralayam, Manthuruthy, Kanjikode West, Palakkad - 678623 )



### CERTIFICATE

No.IMAGE/ANC/83525/2023-2024

This is to certify that *M/s. Dental Clinic Under Pushpagiri College Of Dental Sciences, 6/216, Thiruvalla, Perumthura Pathanamthitta, Kerala* owned by *Rev. Fr Jose Kallumalickal*, has been affiliated (PTA.0561) as " *Dental Institutions with chair(s)* " with IMAGE(the Common Biomedical Waste Treatment Facility) which is a project of Indian Medical Association Kerala State Branch with the authorisation of Kerala State Pollution Control Board vide its *Consent No.PCB/HO/PLKD/ICO-R/04/2018 06.09.2018. Valid upto 30.06.2023*

IMAGE is collecting, transporting, treating, and disposing all the biomedical waste from this institution as per the Biomedical Waste Management Rules from 25-11-2019.

**The Validity of this Certificate is only up to 31<sup>st</sup> March 2024**



Dr. Sharafudheen K.P  
Hon. Secretary IMAGE, IMA KSE

IMAGE - The Panacea for all Biomedical Waste

# INDIAN MEDICAL ASSOCIATION GOES ECO-FRIENDLY (IMAGE)



IMA State Headquarters, Anayara P.O., Thiruvananthapuram - 695029; Ph.0471-2742211, 2741188+  
IMAGE COMMON BIOMEDICAL WASTE TREATMENT FACILITY - CBWTF  
( Behind Gramalekshmi Mudralayam, Manthuruthy, Kanjikode West, Palakkad - 678623 )



## CERTIFICATE

No.IMAGE/ANC/106002/2024-2025

This is to certify that M/s. **Dental Clinic Under Pushpagiri College Of Dental Sciences, 6/216, Thiruvalla, Perumthuru Pathanamthitta, Kerala** owned by **Rev. Fr Jose Kallumalickal**, has been affiliated (PTA.0561) as " **Dental Institutions w chair(s) " with IMAGE(the Common Biomedical Waste Treatment Facility)** which is a project of Indian Medical Association , State Branch with the authorisation of Kerala State Pollution Control Board vide its **Consent No.KSPCB/RO/KKD/PLKR/05/10033386/2023**.

IMAGE is collecting, transporting, treating, and disposing all the biomedical waste from this institution as per the Biomedical Management Rules from 25-11-2019.

**The Validity of this Certificate is only up to March 2025**



Dr. Sharafudheen K.P  
Hon. Secretary IMAGE, IMA KSE

**IMAGE - The Panacea for all Biomedical Waste**



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. :PCB/PT/W/118/2002

Date of issue :05/04/2019

### INTEGRATED CONSENT TO OPERATE - RENEWAL

Consent No : PCB/HO/PTA/ICO-R//2019

Ref : (1) Consent no.PCB/HO/PTA/ICO-R/03/17 Validity up to 30/06/2018.

(2) Your application no.7261267 dated 06/07/2018.

The 'Integrated Consent to Operate' issued as per reference above to M/s PUSHPAGIRI MEDICAL COLLEGE HOSPITAL, THIRUVALLA, PATHANAMTHITTA, is hereby renewed up to 30/06/2023 and issued to M/s PUSHPAGIRI MEDICAL COLLEGE HOSPITAL, THIRUVALLA, PATHANAMTHITTA. The consent(s)/ variation order(s) cited under reference are integral part of this renewal order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### I. GENERAL

S.No.	Items	Description
1	CAPITAL INVESTMENT	Rs.184.54 Cr
2	CATEGORY	RED
3	VALIDITY	30/06/2023
4	BED STRENGTH	900
5	ANNUAL FEE	Rs.4,01,000/-
6	FEE REMITTED	Rs.22,44,043/-
7	EXCESS FEE	Rs.1,98,943/-

#### II. Stack Details

Stack No.	Source of Emission	Emission Rate(Nm3/Hr)	Stack Height above		Control Equipment
			Ground Level(In Meters)	Roof Level(In Meters)	
As per previous consent					

### III. CONDITIONS

1. Incinerator shall conform to the standards as per the schedule II of Bio medical waste management rules 2016, The standards are to be achieved as per the notification no.G.S.R 343(E) dated 28/03/2016 of Bio medical waste management rules.

The emission standards for incinerator is modified as follows

- (i) Particulate matter-50 mg/Nm<sup>3</sup>
- (ii) Nitrogen oxides NO and NO<sub>2</sub> expressed as NO<sub>2</sub>- 400 mg/Nm<sup>3</sup>
- (iii) HCL- 50 mg/Nm<sup>3</sup>
- (iv) Total Dioxins and furans- 0.1ngTEQ/Nm<sup>3</sup>(at 11% O<sub>2</sub>)
- (v) Hg and its compounds- 0.05 mg/Nm<sup>3</sup>

2. The incinerator ash shall be disposed through hazardous waste treatment , storage,and disposal facility, if toxic or hazardous constituents are present beyond the prescribed limits as given in Hazardous Waste Rules 2008.

3. Periodical emission monitoring (once in three months) shall be done for incinerator stack.

4.Real Monitoring System(with connection to CPCB Sever) should be implemented within three months.

All other conditions of the Integrated Consent to Operate issued as per reference above remain unchanged.

DR AJIT HARIDAS

Digitally signed by DR AJIT  
HARIDAS  
Date: 2019.04.08 11:07:21 +05'30'

DATE :05/04/2019

SIGNATURE & SEAL OF ISSUING AUTHORITY  
CHAIRMAN



To  
PUSHPAGIRI MEDICAL COLLEGE HOSPITAL,  
THIRUVALLA,  
PATHANAMTHITTA,

**1. This digitally signed document is legally valid as per the Information Technology Act 2000**

2. For verifying this document please go to [krocmms.nic.in](http://krocmms.nic.in) and search using date of issue/name of the unit/Application Number in “Consent Granted Applications” link in the home page of the Board’s Online Consent Management and Monitoring System.



## KERALA STATE POLLUTION CONTROL BOARD

FILE NO. : KSPCB/PT/ICO/10040124/2023

Date of issue : 16-11-2023

### INTEGRATED CONSENT TO OPERATE - RENEWAL

**Consent No : KSPCB/PT/ICO/10040124/2023**

**Valid upto : 30.06.2028**

Ref :- 1. Consent no: PCB/HO/PTA/ICO-R//2019 Dated 05.04.2019, Validity up to 30/06/2023.

2.OCMMS Application no: 18694292, Submitted on: 03.04.2023.

3.Application No: 10040124 , Submitted on: 11.08.2023.

The Integrated Consent to Operate issued as per reference above is hereby modified & issued to M/s PUSHPAGIRI MEDICAL COLLEGE HOSPITAL , PMCH, THIRUVALLA - 1. The consent(s)/ variation order(s) cited under reference are integral part of this consent variation order and this order is subject to the conditions stipulated therein and the following modifications/ additions.

#### GENERAL

S.No.	Items	Description
1	Capital investment	Rs.184.54 Cr
2	Category	Red
3	Validity	30/06/2028

4	Bed Strength	900
5	Annual Fee	Rs.4,01,810/-
6	Fee remitted	Rs.20,49,231/-

## II. CONDITIONS

2.1 This consent is granted on the basis of the affidavit and other documents furnished by the applicant. If the statement furnished in the affidavit/document is found false or in the case of non-compliance of integrated consent to operate conditions the consent issued will be withdrawn/cancelled.

2.2 For renewal of the consent in case of continuance of discharge/operation of the hospital, application in the prescribed form shall be submitted through the web portal of the Board [www.keralapcbonline.com](http://www.keralapcbonline.com) system on or before 30.04.2028. Late application will be accepted only with 10% (for application before expiry date) & 50% (for application after expiry date) of yearly fee as late fee .

2.3 This consent is granted subject to the power of the Board to review and make variation in or revoke any of the conditions as the Board deems fit as per the relevant Acts/Rules.

2.4 The applicant shall comply with the instructions that the Board may issue from time to time regarding prevention and control of air, water, land and sound pollution

2.5 No change or alteration of the unit/establishment is to be made without the prior written permission of the Board. Any change in the particulars furnished and/or in the identity of the occupier/authorized agent is to be intimated to the Board forthwith.

2.6 Proper Solid waste management system shall be provided in the unit, arrangements for collection, segregation, storage, handling and disposal of solid Waste including garbage shall be provided as per SWM Rules 2016 and the facility shall be maintained properly.

2.7 Biodegradable waste shall be segregated from non biodegradable waste at source. Biodegradable shall be treated in biobins/aerobins/biogas plants. Non biodegradable wastes shall be disposed to authorised collectors namely Haritha Karma Sena for the disposal of wastes for authorised treatment.

2.8 Plastic Waste Management Rules, 2016 and amendments shall be followed for the management of plastic waste. Single use plastic ban as per notifications and Orders for Kerala shall be strictly followed.

2.9 Pollution control measures provided in the unit to control air pollution, noise pollution and water pollution shall be maintained properly and made functional while the unit is in operation.

2.10 The biomedical wastes shall be disposed as per Bio-Medical Waste Management Rules-2016. Records of the same shall be maintained. Annual report shall be submitted in from IV of BMW Management Rules 2016 on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year.

2.11 Hazardous waste generated if any, shall be disposed of to registered recyclers in compliance with the provisions of the Hazardous and other Wastes (Management and Trans boundary Movement) Rules, 2016.

2.12 Waste batteries shall be disposed of to registered recyclers as per the Battery Waste

Management Rules, 2022.

2.13 E-wastes shall be disposed of to registered recyclers as per the provisions of E-waste management Rules, 2016 and amendments.

2.14 Environmental statement shall be submitted in Form V for each financial year ending on March 31st.

2.15 All operational DG sets of capacity 125 kVA and above shall be retrofitted with an Emission Control Device / Equipment having a minimum specified Particulate Matter capturing efficiency of at least 70% in 5 mode D2 cycle for equivalent kVA rating.

2.16 Arrangements shall be made to prevent spreading of antimicrobial resistance.

2.17 The Details of stacks installed are given below

Stack No.	Source of Emission	Emission Rate(Nm <sup>3</sup> /Hr)	Stack Height above		Control Equipment
			Ground Level(In metre)	Roof Level(In Metre)	
1	DG Set-500kVA	To be specified later	10	5	Acoustic enclosure with chimney of height 5m above roof level
2	DG Set-500kVA	To be specified later	10	5	Acoustic enclosure with chimney of height 5m above roof level
3	DG Set-500kVA	To be specified later	10	5	Acoustic enclosure with chimney of height 5m above roof level
4	Incinerator	AS PER CONDITION NO. 2.18	30		Double chamber, Venturi scrubber with Dropler Separator

2.18 Incinerator shall conform to the standards as per the schedule II of Bio medical waste management rules 2016, The standards are to be achieved as per the notification no.G.S.R 343(E) dated 28/03/2016 of Bio medical waste management rules. The emission standards for incinerator is modified as follows



Sl. No.	Parameter	Limit
1	Particulate matter	50 mg/Nm <sup>3</sup>
2	Nitrogen oxides NO and NO <sub>2</sub> expressed as NO <sub>2</sub>	400 mg/Nm <sup>3</sup>
3	HCL	50 mg/Nm <sup>3</sup>
4	Total Dioxins and furans	0.1ngTEQ/Nm <sup>3</sup> (at 11% O <sub>2</sub> )
5	Hg and its compounds	0.05 mg/Nm <sup>3</sup>

2.19 The incinerator ash shall be disposed through hazardous waste treatment , storage, and disposal facility, if toxic or hazardous constituents are present beyond the prescribed limits as given in Hazardous Waste Rules, 2008.

2.20 Periodical emission monitoring (once in three months) shall be done for incinerator stack.

2.21 The entire effluent including canteen shall be diverted to the Sewage Treatment Plant. ZLD shall be achieved.

2.22. Biomedical waste generated in the hospital shall be disposed through Common Biomedical Waste Treatment Facility.

2.23 Sanitary pad or diaper if any shall only be disposed through incinerator installed.

2.24 Details of biomedical waste generated (quantity in kg/day, storage, mode of disposal) shall be submitted to the Board within a month through online portal.

Digitally signed by Sudheer Kulamulla  
Parambath  
Date: 2023.11.16 12:56:09 IST

SIGNATURE OF ISSUING AUTHORITY

CHAIRMAN

To  
M/s PUSHPAGIRI MEDICAL COLLEGE HOSPITAL

PMCH, THIRUVALLA - 1

E-Mail : [electricalengineer@pushpagiri.in](mailto:electricalengineer@pushpagiri.in)

Contact Number :9447249407,

- 1.This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to [www.keralapcbonline.com](http://www.keralapcbonline.com) and search using date of issue/name of the unit/Application Number in “Consent Granted Applications” link in the home page of the Board’s Phoenix website.