

FILE NO : PCB/HO/ALP/R20ALA807023/2020

Date of issue : 27/07/2020



**KERALA STATE POLLUTION CONTROL BOARD**

**CONSENT TO**

**OPERATE/AUTHORISATION/REGISTRATION**

**ISSUED UNDER**

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

As per Application No. :13276924

Dated:22-06-2020

**TO**

**M/s GENERAL HOSPITAL, ALAPPUZHA  
KERALA-688011.**

Consent No. :PCB/HO/ALP/ICO/01/2020

Valid Upto :30/06/2025

## 1. GENERAL.

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit.

1	VALIDITY	30/06/2025
2	Name and Address of the establishment	GENERAL HOSPITAL, ALAPPUZHA GENERAL HOSPITAL, ALAPPUZHA 688011
3	Communication	Telephone :0477-2253324 Fax :- E-mail:ghalappuzha@gmail.com
4	Occupier Details	Dr.Jamuna Varghese, Superintendent General Hospital, Alappuzha
5	Local Body	Alappuzha
6	Survey Number	07
7	Village	MULLACKAL
8	Taluk	AMBALAPUZHA
9	District	ALAPPUZHA
10	Capital Investment(Rs in Lakhs)	Rs.2128 lakh
11	Scale	Large
12	Category	RED
13	Annual fee(Rs)	Rs.10,800/-
	Total Fee remitted(Rs)	Rs.1,16,550/-
14	Activity	Hospital with 400 IP beds
15	Mode of disposal of Bio Medical Waste	IMAGE

## 2. CONDITIONS AS PER

### The Water(Prevention and Control of Pollution)Act, 1974

- 2.1 Sewage Treatment Plant (STP) consisting of treatment units having adequate capacity shall be functional/ arrangement for sewage treatment shall be provided, as per the Integrated Consent to Establish, at all times during the operation of the establishment. Additional facilities required, if any, to achieve the standards laid down by the Board u/s 17(1) (g) of the Water Act shall also be made along with.
- 2.2 Water consumption: 282 KLD
- 2.3 Effluent generation: 240 KLD
- 2.4 The characteristics of effluent after treatment shall conform to the following tolerance limits:

Sl.NO.	Characteristics	Unit	Tolerance Limits	
			Irrigation/ Soak pit	Flushing/ Gardening/ Rense
1	pH	-	6.5-9.0	-
2	BOD	mg/l	10	-
3	COD	mg/l	50	-

4	NH4-N	mg/l	5	-
5	TSS	mg/l	10	-
6	N-total	mg/l	10	-
7	Fecal Coliform	MPN/100 ml	<230	-

2.5 Mode of disposal of treated effluent: Soak pit

### 3. CONDITIONS AS PER

The Air(Prevention and Control of Pollution)Act, 1981

3.1 Adequate air pollution control measures shall be operational at all times during the functioning of the industry. Additional facilities required, if any, to achieve the standards laid down by the Board shall also be made along with.

Stack No.	Sources of Emission	Emission Rate(Nm <sup>3</sup> /Hr)	Stack Height above		Control Equipment
			Ground Level	Roof Level	
1	250 KVA D.G set	-	-	3 m	Acoustic enclosure
2	82.5 KVA D.G set	-	-	2 m	Acoustic enclosure

3.2 Emission characteristics shall not exceed the following:

Sl.No.	Parameter	Limiting Standards (mg/Nm <sup>3</sup> )
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### 4. CONDITIONS AS PER

The Environment (Protection) Act, 1986.

4.1 Bio-Medical waste shall be handled, stored and disposed off as per the Bio-Medical Waste Management Rules, 2016.

4.1.1 Activities for which Authorisation is granted:

Collection	transport
Reception	Storage
Treatment	Reprocessing/Disposal

4.1.2 Type, quantity and mode of storage/collection/disposal of hazardous wastes shall be as follows:

Sl.No.	Bio-Medical Waste	Schedule Category	Quantity Tonne/year
Mode of			
Storage		Disposal	



- 4.2 Used lead acid batteries shall be disposed of as per the Batteries (Management and Handling) Rules, 2001.
- 4.3 E-waste shall be disposed off safely as per the E-Waste (Management) Rules, 2016.

## 5. SPECIFIC CONDITIONS

- 5.1. This consent is granted subject to the power of the Board to review and make variation in or revoke all or any of the conditions.
- 5.2. 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.
- 5.3. For renewal of the integrated consent application in the prescribed form shall be submitted to the Board in the second month before expiry of the consent through the web portal of the Board ([krocmms.nic.in](http://krocmms.nic.in)) for Online Consent Management & Monitoring System. Late application will be accepted only with fine/late fee as applicable.
- 5.4. No change or alteration of the hospital pertaining to matters connected with this order 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/ authorised agent is to be intimated to the Board forthwith.
- 5.5. Suitable species of trees and other plants shall be planted and maintained along the periphery of the premises, forming a green belt to improve the environment.
- 5.6. If operations are done with backup power, the generator shall have adequate capacity to run all associated pollution control devices.
- 5.7. In case of discharge/ apprehended discharge of any water/air pollutant or hazardous/biomedical waste due to any accident or other unforeseen act or event, it shall be immediately intimated to the Board and the consentee/authorisee shall make all possible efforts to mitigate/ prevent/remediate the discharge.
- 5.8. Arrangements provided for rain water harvesting and for utilization of harvested rain water shall be maintained.
- 5.9. The STP as per the proposal submitted shall be constructed commissioned on or before 30.06.2021.
- 5.10 The minimum distance from outlet/STP's to the nearest building in meter shall be  $10 \log Q$  (where Q is the discharge in cubic meter per day). The STP shall not be constructed in the set back area. The STP units shall be ear marked with capacity of each unit.
- 5.11. Periodical reports, as applicable shall be submitted through e correspondence.
- 5.12. Disinfection shall be provided for the wash water from the laboratory and operation theater before final treatment.
- 5.13. The Authorisation is subject to conditions as may be specified in the Rules from time to time under the Environment (Protection) Act, 1986 and the clearance is liable to be revoked in case of non-compliance with

the conditions thereof.

- 5.14. Bio medical waste shall not be stored beyond 24 h in hot and humid climate areas or when it is not possible, the storage has to be under low temperature condition.
- 5.15. Needle burners/deformers shall be available in sufficient number to ensure deformation of needles.
- 5.16. Any spilled mercury containing waste shall not be mixed with biomedical waste or garbage. The mercury bearing waste (equals to or more than 50 ppm of mercury) is hazardous waste and shall be handled and disposed as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 5.17. Records related to generation, collection, reception, storage, and/or any form of handling biomedical waste shall be maintained and shall be made available for inspection by Board officers.
- 5.18. The plastic waste shall be disposed to registered recyclers after proper treatment.
- 5.19. Used lead acid batteries shall be disposed off in accordance with the Batteries (Management & Handling) Rules, 2001.
- 5.20. Adequate facility shall be provided for the disposal of biodegradable waste and garbage.
- 5.21. Adequate safety measure shall be provided in accordance with fire and safety regulations and necessary clearance from the concerned authority shall be obtained.
- 5.22. The D. G. sets shall be provided with a minimum chimney height  $0.2 \times \sqrt{\text{KVA}}$  meters above roof level of the highest nearby building (Where KVA is the capacities of all DG sets). The D. G. sets shall be placed at a minimum distance of  $\sqrt{\text{KVA}/2}$  meters from the neighbouring residences / worship places / institutions (where KVA is the capacity of DG sets).
- 5.23. The entire quantity of bio-medical waste generated in the hospital shall be disposed off as per Bio-Medical Waste Management Rules, 2016. Affiliation from IMAGE shall be obtained for the entire beds.
- 5.24. Proper and safe disposal of STP sludge and treated water shall be ensured/ provided before commissioning STP
- 5.25. Uninterrupted power supply for the STP shall be ensured.
- 5.26. Periodical replacement of electrodes shall be ensured before commissioning.

DATE : 27/07/2020

**SREEKALA S**

SIGNATURE & SEAL OF ISSUING AUTHORITY  
MEMBER SECRETARY

Digitally signed by Sreekala S  
DN: cn=Sreekala S, o=Kannur District Hospital, ou=Kannur District Hospital, email=sreekala.s@kannur.gov.in, c=IN  
Reason: I am the issuing authority



To

GENERAL HOSPITAL,  
ALAPPUZHA-688011.

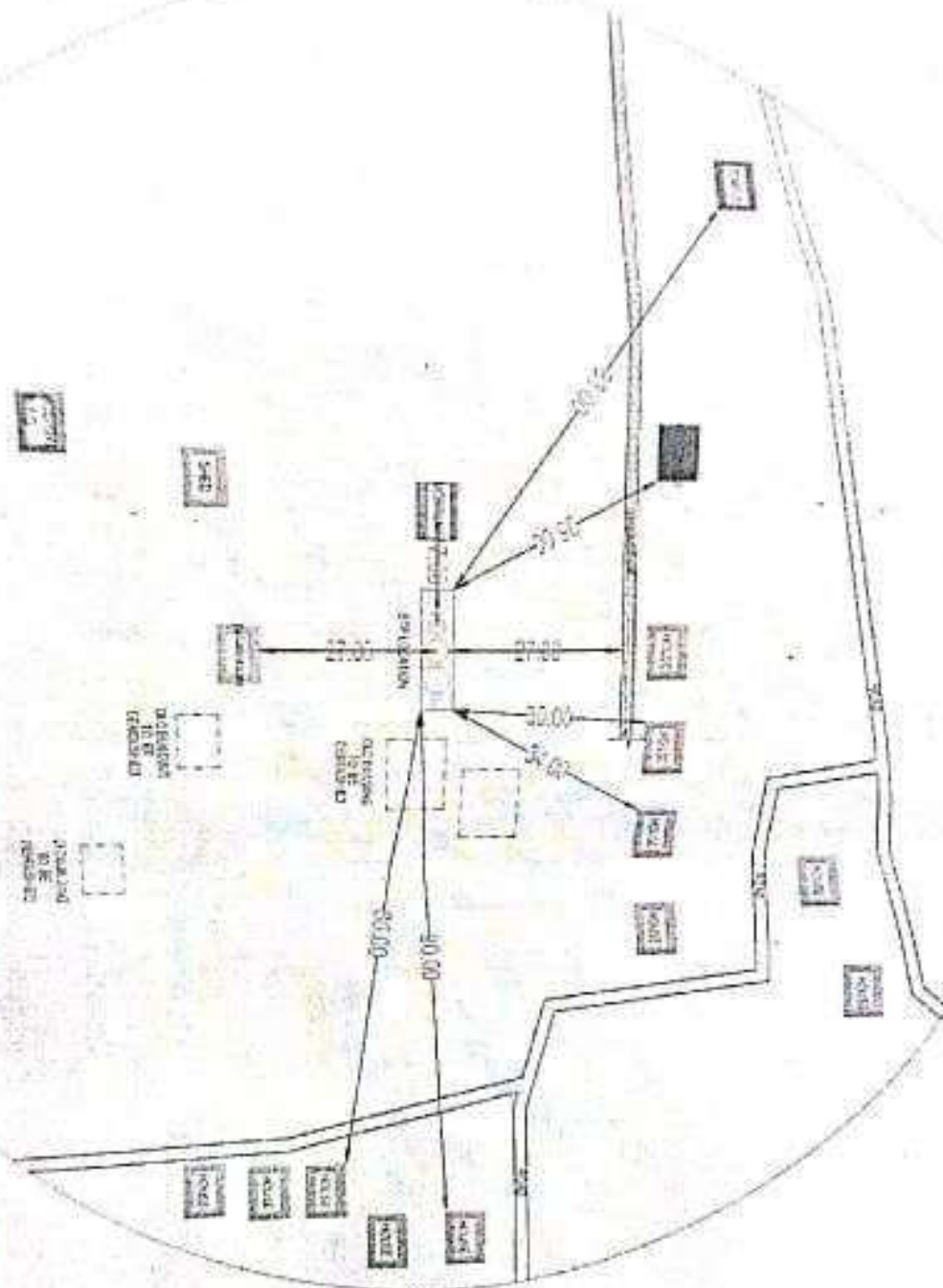
1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to [krocmms.nic.in](http://krocmms.nic.in) and search using date of issue/name of the unit/Application Number in "Consent Granted Applications" link in the home page of the Board's Online Consent Management and Monitoring System.











Printed and signed by: **SHIRAZA S**  
 The 10th, 9th & 2nd A (STAT) POLLUTION CONTROL BOARD,  
 100, KANAKA CHAKRABARTY ROAD, CAUSEWAY, KANAKA,  
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 Date: 20/08/2018 11:01:11 AM - 20/08/2018

SREEKALA S

Digitally signed by Boris B.  
Date: 2020.06.23 21:52:55  
+05'30'

Biju. B

EXECUTIVE ENGINEER  
L. S. G. D. DEPARTMENT  
ALBUQUERQUE, N.M.



CONFIRMATION OF BLOOD  
TESTING BY LABORATORY  
AT CLINICAL SPECIAL LABORATORY

4716 LOCAL COMPANY

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