

Your (**Environment Clearance**) application has been **Submitted** with following details

Proposal No	SIA/TN/MIS/204022/2021
Compliance ID	74728978
Compliance Number(For Tracking)	EC/M/COMPLIANCE/74728978/2024
Reporting Year	2024
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	13-06-2024
IRO Name	V Geroge Jenner
IRO Email	tr025@ifs.nic.in
State	TAMIL NADU
IRO Office Address	Integrated Regional Offices, Chennai

Note:- SMS and E-Mail has been sent to V Geroge Jenner, TAMIL NADU with Notification to Project Proponent.

ENVIRONMENTAL MONITORING REPORT

(October 2023 – March 2024)

For

M/s. G. Kuppuswamy Naidu Memorial Hospital



At

T. S. Nos. 1020, 1027, 1055/2, Krishnarayapuram Village
Pappanaickenpalayam Post, Coimbatore North Taluk
Coimbatore District, Tamil Nadu

By

M/s. G. Kuppuswamy Naidu Memorial Hospital
P.B. No. 6327, Nethaji Road,
Pappanaickenpalayam,
Coimbatore – 641 037

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1.0 INTRODUCTION

The hospital is located at T. S. Nos. 1020, 1027, 1055/2, Krishnarayapuram Village Pappanaickenpalayam Post, Coimbatore North Taluk, Coimbatore District, Tamil Nadu. The topography of the land is gradually slope from North towards South.

2.0 PROJECT COMPONENTS

We G. Kuppuswamy Naidu Memorial Hospital has expanded our hospital facility to accommodate 750 beds capacity. The total land area is about **50,168 Sqm**. The total built up area of the hospital building is **58,060.20 Sqm**. Our hospital consists of A Block (G + 4 Floors), B Block (B + G + 2 Floors), C Block (G + 2 Floors), D Block (G + 4 Floors), E Block (2B + G + 3 Floors), Nurses Quarters (G + 2 Floors), Washing & Laundry Building (G + 3 Floors), New ATM & Shop (Ground Floor), Annex Block (B + G + 1 Floor), New Chiller Building (B + G + 2 Floors), Old Chiller Plant (G + 1 Floor), Doctors Quarters – I & Garage, Doctors Quarters – II (G + 2 Floors) Principal Quarters & Garage (G + 2 Floors), Old Children Ward, Dietitian office & ATM (G + 2 Floors), Security room, OHT, Shop, Mortuary Cabin & Other Utilities (Ground Floor). The capacity of inpatient is 750 Nos. and estimated outpatients are to be 1200 Nos. per day. The working population including doctors, nurses, administrative staffs and maintenance staffs are 1560 Nos. per day.

3.0 PROJECT STATUS

The expansion activity has been completed and accommodated 750 beds.

4.0 ENVIRONMENTAL CLEARANCE AND COMPLIANCE

This project has been accorded Environmental Clearance (EC) on 29.11.2022. The copy of the EC and compliance statement for the EC is enclosed as **Annexure - I**.

Consent to Operate Direct for the expansion activity from TNPCB was awarded on 18.10.2023 valid up to 31.03.2025.

5.0 ENVIRONMENTAL MONITORING

The environmental monitoring will be carried out regularly at site at the required intervals so as to ensure that the pollutants do not exceed the prescribed limits. The frequency of monitoring is given in the table below and the monitoring done at site is discussed briefly in the subsequent sections.

Details of Environmental Monitoring

S. No.	Description	Frequency	Location
1	Stack Emission Monitoring	Three Months Once	6
2	Noise Level Monitoring	Three Months Once	7
3	Treated STP Water Analysis	Once in a month	1
4	Treated ETP Water Analysis	Once in a month	1

**ANNEXURE I – COPY OF EC &
EC COMPLIANCE REPORT**



Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), Tamil Nadu)

To,

The chief executive officer
G KUPPUSWAMY NAIDU MEMORIAL HOSPITAL
krishnarayapuram village, pappanaickenpalayam post Coimbatore North
Taluk -641037

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the SEIAA vide proposal number
SIA/TN/MIS/204022/2021 dated 16 Mar 2021. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC23B038TN166906
2. File No.	6415
3. Project Type	New
4. Category	B2
5. Project/Activity including Schedule No.	8(a) Building and Construction projects
6. Name of Project	G. Kuppuswamy Naidu Memorial Hospital
7. Name of Company/Organization	G KUPPUSWAMY NAIDU MEMORIAL HOSPITAL
8. Location of Project	Tamil Nadu
9. TOR Date	N/A

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 10/01/2023

(e-signed)
Thiru.Deepak S.Bilgi
Member Secretary
SEIAA - (Tamil Nadu)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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THIRU. DEEPAK S. BILGI, I.F.S.
MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY-TAMILNADU

3rd Floor, Panagal Maaligai,
No.1, Jeenis Road, Saidapet,
Chennai - 600 015.
Phone No. 044-24359973
Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.No.6415/EC/8(a)/889/2022 dated: 29.11.2022

Sir/Madam,

Sub: SEIAA, TN- Environmental Clearance under Violation category - Expansion of Existing Hospital by M/s. G. Kuppuswamy Naidu Memorial Hospital at S.F.Nos. 1020, 1027 & 1055/2 in Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu under Violation- Issued - Regarding:

- Ref: 1. TOR issued under Violation Lr.No. SEIAA-TN/F.No.6415/Violation/ToR-793/2020 dated:17.10.2020
2. Site inspection by sub-committee on 19.01.2019
3. Lr.No.SEIAA-TN/F.No:6415/2017 dated: 28.10.2020 (letter to Principal Secretary to Government, E&F Department, Govt of Tamilnadu) for credible action.
4. Online Proposal No. SIA/TN/MIS/204022/2021 dated 16/03/2021
5. Application for Environmental Clearance (EIA under Violation) dated 17.03.2021
6. Minutes of 212th meeting of SEAC held on 04.05.2021
7. Minutes of the 446th Meeting of SEIAA dated 18.06.2021 & 19.06.2021.
8. Project Proponent reply dated: 26.07.2022
9. Project Proponent reply dated: 27.09.2022
10. Minutes of the 556th meeting of Authority held on 26.09.2022
11. Minutes of the 329th meeting of SEAC held on 16.11.2022
12. Minutes of the 574th meeting of Authority held on 29.11.2022

This has reference to your application 4th & 5th cited, the proposal is for obtaining Environmental Clearance to Expansion of Existing Hospital by M/s. G. Kuppuswamy Naidu Memorial Hospital


MEMBER SECRETARY
SEIAA-TN

Compliance Report for the conditions mentioned in Environmental Clearance dated 29.11.2022

S. No.	Conditions	Compliance
<i>Part- A - Common conditions applicable for Pre-construction, Construction and Operational Phases</i>		
1	The project Proponent shall carry out the works assigned under ecological damage, natural, resource augmentation and community resource augmentation within a Period of one year as committed. If not, the bank guarantee will be forfeited to TNPCB without further notice.	Noted and agreed
2	Any appeal against this environmental clearance shall be with the Hon'ble National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.	Noted
3	The construction of STP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.	We ensure that STP, Solid Waste Management facility, E-waste management facility, DG sets, etc., are located in their earmarked area only and location of these utilities will not be changed later on in any case.
4	The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.	We ensure that environmental safeguards mentioned in our application implemented in the letter and spirit.
5	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State/Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.	We have obtained the necessary statutory clearances from Fire and Rescue Services Department and other concerned competent authorities.
6	The SEIAA reserves the right to add additional safeguard measures subsequently, if noncompliance of any of the EC conditions is	We agree to comply with all the EC conditions and will abide by any additional measures added by SEIAA in the


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	found and to take action, including revoking of this Environmental Clearance as the case may be.	future.
7	A proper record showing compliance of all the conditions of Environmental Clearance shall be maintained and made available at all the times.	We assure that proper records for compliance of EC conditions will be maintained and the same will be made available at all the times.
8	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company. The status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chennai by e-mail.	The environmental statement and status of compliance of environmental clearance conditions will be updated as mandated.
9	The Regional Office of the Ministry located at Chennai shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	We assure that full Cooperation will be extended to officers of regional office by furnishing the requisite data / information / monitoring reports.
10	"Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.	We have obtained CTO Expansion Direct from TNPCB and a copy of the same is enclosed as Separate Annexure
11	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	We assure that a fresh appraisal from SEAC/ SEIAA will be sought if any changes are made in the scope of the project.
12	The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments, draft Minor Mineral Conservation & Development Rules, 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules, 2006 and rules made there under and also any other orders passed by the Hon'ble	We assure that we will follow the applicable rules and regulations.


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	Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.	
13	The Environmental Clearance shall not be cited for relaxing the other applicable rules to this project.	We assure that we will abide by all applicable rules and will not claim any relaxation on the grounds of Environmental Clearance.
14	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.	Noted and agreed
15	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, Chennai, the respective Zonal Office of CPCB, Bengaluru and the TNPCB. The criteria pollutant levels namely, PM10, PM2.5, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored.	Periodical monitoring of the environmental parameters has been done and reports are enclosed here as Annexure II.
16	The SEIAA, TN may cancel the environmental clearance granted to this project under the provisions of EIA Notification, 2006, if, at any stage of the validity of this environmental clearance, if it is found or if it comes to the knowledge of this SEIAA, TN that the project proponent has deliberately concealed and/or submitted false or misleading information or inadequate data for obtaining the environmental clearance.	Noted and we assure that all the data submitted are true to the best of our knowledge.
17	This Environmental Clearance does not imply that the other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would be considering the project on merits and be taking decisions independently of the Environmental Clearance.	Noted and agreed
18	The SEIAA, TN may alter/modify the above conditions or stipulate any further condition in the interest of environment protection, even during the subsequent period.	Noted and agreed

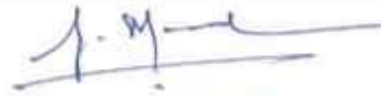

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19	The Environmental Clearance does not absolve the applicant/proponent of his obligation/requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.	Noted and understood that the environmental clearance obtained does not absolve obligation to obtain other statutory and administrative clearances.
20	Where the trees need to be cut, compensation plantation in the ratio of 1: 10 (i.e., planting of 10 trees for every one tree that is cut) should be done with the obligation to continue maintenance.	Noted and agreed
21	A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.	A separate environmental management cell with qualified personnel under supervision of Senior Executive is under operation and the same will be followed for expansion activity also.
22	The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.	Since the project is a health care facility, it is not applicable
23	Trees, herbs and shrubs listed should not be disturbed during any phase of the project.	We assure that Trees, herbs and shrubs listed will not be disturbed at any stage of the project.
24	Necessary permission should be obtained from PWD/Wetland Authority, Tamil Nadu before commencement of the project.	Necessary permission from the competent authority has been obtained before the commencement of the project.
25	The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCCB with a copy to SEIAA annually	Noted and all the EMP activities have been developed.
26	The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25.06.2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986	We assure that the ban on one time use and throwaway plastics irrespective of thickness will not be violated.
27	The proponent shall furnish the permission/ NOC of water supply from the competent authority before obtaining CTO from TNPCCB.	We ensure that permission for water supply from the competent authority has been obtained vide Lr.No.OT8/AG-2/118/NOC/SLM/2023 dated 31.10.2023
28	The Project Proponent has to provide percolation pits-25 Nos and 8 nos of Rain water Harvesting sump capacity each 5 KL of rain water provided in order to recover and reuse the rain water during	We ensure that 12 Nos of rain water harvesting pits, 2 Nos of Rain water Harvesting sump capacity of 450 KL & 100 KL have been provided in order to recover and reuse the

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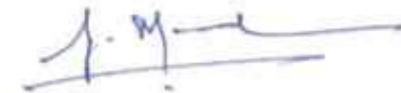
	normal rains as reported.	rain water during normal rains as reported
29	The proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.	Noted and complied
30	As per MoEF & CC, Gol, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the operation, if the project site is located within 10KM from National Park and Sanctuaries.	There is no national park or wildlife sanctuary with in 10km from the project site.
31	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.	We assure that all the document and information presented are true to the best of our knowledge.
Part - B - Specific Conditions-Pre construction phase		
1	The project authorities should advertise with basic details at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of clearance. The press releases also mention that a copy of the clearance letter is available with the State Pollution Control Board and also at website of SEIAA, TN. The copy of the press release should be forwarded to the Regional Office of the Ministry of Environment and Forests located at Chennai and SEIAA-TN.	Advertisement was given in local newspaper both in local language and English and copy of the same is enclosed as Annexure A.
2	In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.	We assure that we will make fresh appraisal to SEAC/ SEIAA if any changes made in the scope of the project.
3	A copy of the clearance letter shall be sent by the proponent to the Local Body. The clearance letter shall also be put on the website of	Complied. A copy of the clearance letter has been sent to the local


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	the Proponent.	body. We also assure that the same will be uploaded on our website.
4	The approval of the competent authority shall be obtained for structural safety of the buildings during earthquake, adequacy of firefighting equipment, etc., as per National Building Code including protection measures from lightning etc., before commencement of the work	All approvals have been obtained from the competent authority relating to structural safety of the building, which comply National Building codes and includes protection from lightning too.
5	All required sanitary and hygienic measures for the workers should be in place before starting construction activities and they have to be maintained throughout the construction phase.	All sanitary and hygienic measures were in place before our construction and the same have been maintained throughout the construction phase.
6	Design of buildings should be in conformity with the Seismic Zone Classifications.	We ensure that the design of buildings is in conformity with the seismic zone classifications.
7	The Construction of the structures should be undertaken as per the plans approved by the concerned local authorities/local administration.	We ensure that the construction of the structures have been undertaken as per the plans approved by the concerned local authorities/local administration.
8	No construction activity of any kind shall be taken up in the OSR area.	Complied
9	Consent of the local body concerned should be obtained for using the treated sewage in the OSR area for gardening purpose. The quality of treated sewage shall satisfy the bathing quality prescribed by the CPCB.	We assure that consent from the local body obtained for using the treated sewage for gardening purposes and the treated water will meet the bathing water quality standards as prescribed by CPCB.
10	The height and coverage of the constructions shall be in accordance with the existing FSI/FAR norms as per Coastal Regulation Zone Notification, 2011.	The total height of the building and constructions were in accordance with the FSI norms and CRZ notification 2011.
11	The basement of the building shall be above the maximum flood level documented by the Water Resource Department, PWD, Government of Tamil Nadu in consultation with the CCMC.	Noted and We ensure that Basement is provided above maximum flood level documented by the Water Resource Department, PWD, Government of Tamil Nadu in consultation with the CCMC.
12	The proponent shall prepare completion plans showing separate pipelines marked with different colors with the following details; Location of STP, Compost System, Underground sewer line	We assure that all the utility drawings were made available.


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	<p>Pipeline conveying the treated effluent for greenbelt development</p> <p>Pipeline conveying the treated effluent for toilet flushing</p> <p>Water Supply pipeline</p> <p>Gas Supply Pipeline, if proposed</p> <p>Telephone Cable</p> <p>Power Cable</p> <p>Storm water drains and</p> <p>Rainwater harvesting system, etc., and it shall be made available to the owners.</p>	
13	A first Aid Room shall be provided in the project site during the entire construction and operation phases of the project	As the project is a health care facility, we did not require a separate first aid room.
14	The structural design of the proposed building must be vetted by premier academic institutions like Anna University, IIT Madras, etc., and the fact shall be informed to SEIAA.	The structural design has been vetted and approved by third party and construction has been done in accordance with the laws.
15	There shall not be any threat to the biodiversity due to the proposed development	Noted and We assure that there will not be any threat to the biodiversity at any time.
16	The present land use surrounding the project site shall not be disturbed at any point of time.	Noted and We assure that present land use will not be disturbed.
17	The greenbelt area shall be planted with indigenous native trees.	As instructed greenbelt area has been planted with trees of native species. The photographs of greenbelt development is enclosed as Annexure
18	Natural vegetation listed particularly the trees shall not be removed during the construction / operation phase. In case any trees are likely to be disturbed, shall be replanted.	Noted and assured to comply
19	During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.	We assure that the aquatic eco – system within and outside the project area will remain undisturbed at all stages of the project
20	The provisions of Forest Conservation Act 1980, Wild Life Protection Act 1972 & Bio Diversity Act 2002 should not be violated.	We assure that there will not be any violation with respect to the Forest Conservation Act, Wild Life Protection Act & Bio Diversity Act.
21	There should be firefighting plan and all required safety plan.	We assure that firefighting plan and all required safety plan were provided.




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22	Regular fire drills should be held to create awareness among employees.	Complied. Periodical drills have been conducted for the workers involved in construction and for the occupants of the project.
Part - C - Specific Conditions - Construction Phase		
1	Construction Schedule: The project proponent shall have to furnish the probable date of commissioning of the project supported with necessary bar charts to SEIAA-TN.	The project is commissioned and the bar chart was furnished already.
2	Labour Welfare: i. All the laborers to be engaged for construction should be screened for health and adequately treated before and during their employment on the work at the site. ii. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contradictions due to exposure to dust and take corrective measures, if needed. iii. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. The workers shall be provided with personnel protective measures such as masks, gloves, boots etc.	Regular health camps were conducted for the construction workers during their employment on the work at the site. Protective respiratory devices and adequate training has been given for All personnel working in our site for their health & safety aspects. Occupational health surveillance program also conducted at periodical intervals. Periodical medical examination of the workers had been carried out and records of the same were maintained. All workers were provided with personnel protective equipment's like masks, gloves and boots etc.,



	Water Supply:	
3	i. The entire water requirement during construction phase may be met from ground water source from the source with approval of the PWD Department of water resources / may be out sourced.	Our entire water requirements for the construction phase were met from authorized private tankers.
	ii. Provision shall be made for the housing labor within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	No temporary labour hutments were proposed. Local laborers from nearby areas were hired for the work. Proper sanitation facilities for them have been provided at site.
	iii. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The treatment and disposal of waste water shall be through dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.	Adequate drinking water and sanitary facilities were provided for the construction workers at site. Waste water and solid waste during construction phase has been disposed safely.
	iv. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.	We used premixed concrete, curing agents and other best practices to reduce water consumption throughout my construction phase.
	v. Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control.	Fixtures for showers and toilet flushing and drinking water had low flow type by adopting the use of aerators / pressure reducing devices / sensor-based control.
	Solid Waste Management:	
4	i. The solid waste in the form of excavated earth excluding the top soil generated from the project activity shall be scientifically utilized for construction of approach roads and peripheral roads, as reported.	The solid wastes in the form of excavated earth excluding the top soil generated from the project activity have been utilized properly as reported.
	ii. The proponent shall comply with the Bio Medical Waste Management Rules 2016, as amended.	Noted.


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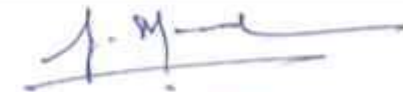
	<p>iii. The project proponent shall ensure to provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016 & Batteries (Management and Handling) Rules, 2001.</p>	<p>Separate area has been earmarked for the disposal of waste generated.</p>
	<p>Top Soil Management:</p>	
5	<p>All the top soil excavated during construction activities should be stored for use in horticulture/ landscape development within the project site.</p>	<p>Top soils excavated during construction were used within my site for the landscape and greenbelt development to retain the native species.</p>
	<p>Construction Debris Disposal:</p>	
6	<p>i. Disposal of construction debris during construction phase should not create any adverse effect on the neighboring communities and be disposed off only in approved sites, with the approval of Competent Authority with necessary precautions for general safety and health aspects of the people. The construction and demolition waste shall be managed as per Construction & Demolition Waste Management Rules, 2016</p>	<p>Construction debris arise during construction were used to fill the low-lying areas within my site and no outside disposal carried out. The construction and demolition waste were managed as per Construction & Demolition Waste Management Rules, 2016</p>


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	<p>ii. Construction spoils, including bituminous materials and other hazardous materials, must not be allowed to contaminate watercourses. The dump sites for such materials must be secured so that they should not leach into the adjacent land/ lake/ stream etc.</p>	<p>Adequate attention given to avoid leachate from Construction spoils including bituminous material and other hazardous materials into the nearby lakes/streams.</p>
7	<p>Diesel Generator Sets:</p> <p>i. Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.</p>	<p>Low sulfur diesel was used for the DG sets during construction phase. The air & noise emission not exceeded the standards prescribed in the rules under the Environment (Protection) Act, 1986.</p>
	<p>ii. The diesel required for operating stand by DG sets shall be stored in underground tanks fulfilling the safety norms and if required, clearance from Chief Controller of Explosives shall be taken.</p>	<p>Noted and agreed</p>
	<p>iii. The acoustic enclosures shall be installed at all noise generating equipment's such as DG sets, air conditioning systems, cooling water tower etc.</p>	<p>All noise generating equipment were provided with acoustic enclosures to reduce the noise emanating from them.</p>
8	<p>Air & Noise Pollution Control:</p> <p>i. Vehicles hired for bringing construction materials to the site should be in good condition and should conform to air and noise emission standards, prescribed by TNPCB/CPCB. The vehicles should be operated only during non-peak hours.</p>	<p>Vehicles used during construction were in good condition and complied the standards prescribed by TNPCB/CPCB. Also, we operated the vehicles during non-peak hours only.</p>
	<p>ii. Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.</p>	<p>Ambient air and noise levels have been confirmed to the residential standards prescribed by the TNPCB during day and night hours. No incremental pollution load noticed during the construction phase.</p>

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 Pappanickampalayam, Coimbatore - 641 037.

	iii. Traffic congestion near the entry & exit points from the roads adjoining the proposed project site shall be avoided. Parking shall be fully internalized and no public space should be utilized. Parking plan to be as per CMDA norms. The traffic department shall be consulted and any cost-effective traffic regulative facility shall be met before commissioning.	Noted and complied
	iv. The buildings should have adequate distance between them to allow free movement of fresh air and passage of natural light, air and ventilation.	Noted and complied
	v. The background noise levels prevailing at the site already exceeds permissible noise levels. Hence, the proponent should develop thick greeneries all around the project boundary in order to contain the noise levels.	Noted and We ensure that thick greeneries have been developed around the project site
	Building Material:	
9	i. Fly- Ash blocks should be used as building material in the construction as per the provision of Fly ash Notification of September, 1999 and amended as on 27 th August, 2003 and Notification No. S.O. 2807 (E) dated: 03.11.2009	Fly ash blocks were used to certain extent and all other construction material used were in conformance to the NBC norms.
	ii. Ready-mix concrete shall alone be used in building construction and necessary cube-tests should be conducted to ascertain their quality.	Ready mix concrete of high quality was used in building construction and necessary cube tests were conducted to ascertain the quality.
	iii. Use of glass shall be reduced up to 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflecting coating shall be used in windows.	We ensure that good quality thick glass was used and electricity consumption, load on air conditioning have been reduced to the maximum extent.
	Storm Water Drainage:	
10	Storm water management around the site and on site shall be established by following the guidelines laid down by the storm	We ensure that proper storm water management is in function as per guidelines storm water manual



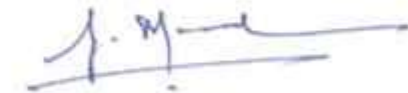
	water manual.	
	Energy Conservation Measures:	
	i. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material, to fulfill the requirement.	Appropriate thermal insulation material has been used on roof to fulfill the ECBC requirements.
	ii. Opaque wall should meet prescribed requirement as per Energy Conservation Building Code which is mandatory for all air-conditioned spaces by use of appropriate thermal insulation material to fulfill the requirement.	Appropriate thermal insulation has been provided for opaque wall to fulfill the ECBC requirements.
	iii. All norms of Energy Conservation Building Code (ECBC) and National Building Code, 2005 as energy conservation have to be adopted solar lights shall be provided for illumination of common areas.	Solar water heaters were provided.
11	iv. Application of solar energy should be incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided.	Noted.
	v. A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc., and submitted to the SEIAA in three months' time.	Noted. Our design confirms to ECBC norms and requirements.
	vi. Energy conservation measures like installation of CFLs / TFLs for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Noted and complied
	Fire Safety:	
12	i. Adequate fire protection equipment and rescue arrangements should be made as per the prescribed standards.	All required fire protection equipment and rescue arrangements were made as per the prescribed standards.



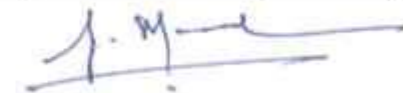
	ii. Proper and free approach road for fire-fighting vehicles up to the buildings and for rescue operations in the event of emergency shall be made.	Proper arrangements were in place for easy approach of fire fighting vehicles and for the rescue operations during emergency.
13	Green Belt Development:	
	i. The project proponent shall plant tree species with large potential for carbon capture in the proposed greenbelt area based on the recommendation of the Forest department well before the project is completed.	Noted and tree species with large potential for carbon capture have been planted in the greenbelt area based on the recommendation of the Forest department.
	ii. The project proponent has to develop thick greeneries all-around the project boundary in order to contain the noise levels.	Noted and thick greeneries with tree have been developed around the project site
14	Sewage Treatment Plant:	
	i. The Sewage Treatment Plant (STP) & Effluent Treatment plant (ETP) installed should be certified by an independent expert / reputed Academic institution for its adequacy and a report in this regard should be submitted to the SEIAA, TN before the project is commissioned for operation. Explore the less power consuming systems viz baffle reactor, etc., for the treatment of sewage.	Noted and complied
	ii. The proponent shall install STP & ETP as furnished. Any alterations to satisfy the bathing quality shall be informed to SEIAA – TN.	STP & ETP has been installed and in operation. Also, we assure that alterations to satisfy the bathing quality will be informed to SEIAA – TN, if any.
15	Rain Water Harvesting:	
	i. The proponent shall ensure that roof rainwater collected from the covered roof of the buildings, etc., shall be harvested so as to ensure the maximum beneficiation of rain water harvesting by constructing adequate sumps so that 100% of the harvested water shall be reused.	We ensure that proper rain water harvesting arrangements were made with rain water sumps and rain water percolation pits for the beneficial use of rain water.
	ii. Rainwater harvesting for surface run-off, as per plan submitted should be implanted. Before recharging the surface run off,	Proper rain water harvesting arrangements were provided with adequate number of rainwater storage sumps and

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	pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil & grease, etc. The proponent shall provide adequate number of bore wells / percolation pits/ etc. as committed. The bore wells / percolation pits etc. for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	percolation pits, proper pretreatment arrangements also provided with screens, settlers etc. for the removal of suspended matter, oil & grease, etc.
16	Building Safety:	
	<p>i. Lightning arrester shall be properly designed and installed at the top of the building and wherever is necessary.</p> <p>ii. The operation of demolition of the existing building should be carried out only during day time with adequate measures to contain the noise and dust in a way that it does not affect the residents who are living very close (at about 20m from the project site).</p>	<p>Lightening arrester with proper design is installed in required places.</p> <p>There is no demolition activity in my project.</p>
Part – D – Specific Conditions – Operation phase/Post Construction phase/Entire life of the project		
1	There should be firefighting plan and all required safety plan.	We ensure that firefighting plan and all required safety plan have been provided
2	Regular fire drills should be held to create awareness among owners / residents.	Noted and We ensure that periodical drills have been conducted for the workers involved in construction and for the occupants of the project
3	The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.	We assure that the building will not spoil the green views and aesthetics of surroundings and enough clean air space is provided.
4	The EMP cost shall be printed in the Brochure / Pamphlet for the preparation of the sale of the property and should also mention the component involved.	Since it is a health care facility, it is not applicable
5	The Project proponent shall get due permission from the wetland Authority before the commencement of the work.	Noted
6	The project activities should in no way disturb the manmade structures	Noted and We assure that project activity will not disturb the manmade structures



7	The Proponent shall do afforestation/ restoration programme contemplated to strengthen the open spaces shall preferably include native species along with the financial forecast for planting and maintenance for 5 years.	Noted and complied
8	"Consent to Operate" should be obtained from the Tamil Nadu pollution Control Board before the start of the operation of the project and copy shall be submitted to the SEIAA-TN.	We ensure that we have obtained CTO Expansion Direct from the Tamil Nadu pollution Control Board vide Proc No.T1/TNPCB/F.0424CBN/RL/CBN/A&W/2023 dated 18/10/2023
9	The ground water shall be drawn only after obtaining necessary permission from the Competent Authority.	We ensure that we have obtained NOC for ground water from the Competent Authority vide Lr.No.OT8/AG-2/118/NOC/SLM/2023 dated 31/10/2023
10	Ground water quality to be checked for portability and if necessary, RO plant shall be provided.	Noted and agreed
11	The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.	Noted and agreed
12	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. The treated sewage shall conform to the norms and standards for bathing quality laid down by CPCB irrespective of any use. Necessary measures should be made to mitigate the odour and mosquito problem from STP.	We ensure that treated sewage from STP will be reused for flushing, laundry, HVAC requirement and greenbelt development to the maximum extent and quality of treated sewage will be within the standards prescribed by the board at all time. And also, necessary measures have been made to mitigate the odour and mosquito problem from STP.
13	The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.	Stand by DG set was provided for continuous operation of STP in case of power failure.
14	It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.	We assure that treated sewage reused for greenbelt development will not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.
15	Adequate measures should be taken to prevent odour emanating from solid waste processing plant and STP.	We ensure that adequate measures have been taken to prevent odour emanating from solid waste processing plant



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		and STP.
16	The e - waste generated should be collected and disposed to a nearby authorized e-waste centre as per E- waste (Management & Handling), Rules 2016, as amended.	Note and assured to comply
17	Diesel power generating sets proposed as source of back-up power during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets.	DG sets were provided with acoustic enclosures and the stack height was provided as per CPCB norms
18	The noise level shall be maintained as per MoEF/CPCB/TNPCB guideline/norms both during day and night time.	We assure that the noise level will be maintained as per MoEF/CPCB/TNPCB guideline/norms both during day and night time.
19	Spent oil from D.G sets should be stored in HDPE drums in an isolated covered facility and disposed as per the Hazardous & other Wastes (Management & Trans boundary Movement) Rules 2016. Spent oil from D.G sets should be disposed off through registered recyclers.	Noted. Spent oil from DG sets will be collected in HDPE drums and disposed through CPCB authorized recyclers and also we have obtained Hazardous waste Authorization from TNPCB vide Authorisation No. 24HFZ55163226 dated 04/01/2024
20	The proponent shall ensure that storm water drain provided at the project site shall be maintained without choking or without causing stagnation and should also ensure that the storm water shall be properly disposed off in the natural drainage / channels without disrupting the adjacent public. Adequate harvesting of the storm water should also be ensured.	We ensure that storm water drain provided at site will be maintained without any choking or any stagnation. Adequate harvesting will also be carried out.
21	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination	Noted and We assure that used CFLs and TFLs will be disposed properly as per guidelines of authority.
22	A copy of the Environmental clearance (EC) letter shall be made available to all the allottees along with the allotment order / sale deed.	Noted. Since it is a Hospital, not applicable.
23	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the	Noted and we assure that we will comply all the conditions mentioned in the Environmental clearance.

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 G. Kuppuswamy Naidu Memorial Hospital
 Pappanaickenpalayam, Coimbatore - 641 037.

	provisions of the Environment (Protection) Act, 1986.	
24	The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.	Noted and we assure that all the details provided for obtaining Environmental clearance is true to the best of our knowledge



Dr. G. MANOHARAN, M.D.
Chief Medical Officer
Reg. No : 31472
G. Kuppuswamy Naidu Memorial Hospital
Peppanaickenpalayam, Coimbatore - 641 037.

ANNEXURE A – PUBLIC NOTICE

EC ADVERTISEMENT

Tamil

சனிக்கிழமை, 21 ஜூன் 2023

கோவை

திரைப்படம்

பொது அறிவிப்பு

கோயம்புத்தூர் மாவட்டம், கோயம்புத்தூர் வடக்கு மாவட்டம், கிருஷ்ணராயபுரம் கிராமம், புல எண்கள் 1020, 1027 & 1055/2 உள்ளடக்கிய நிலங்களில் அமைந்துள்ள எங்களது ஜி.கூப்புசாமி நாயுடு நினைவு மருத்துவமனை விரிவாக்கத்திற்கான சுற்றுச்சூழல் இசைவாணையை, மாநில சுற்றுச்சூழல் மதிப்பீட்டு ஆணையம் வழங்கியுள்ளது. இசைவாணையின் நகல், தமிழ்நாடு மாசு கட்டுப்பாட்டு வாரியத்தில் கிடைக்கும். மேலும் இவ்வாணையை மாநில சுற்றுச்சூழல் மதிப்பீட்டு ஆணைய இணையதளத்திலும் காணலாம். (http://environmentclearance.nic.in/TrackState_proposal.aspx?type=EC&status=EC_new&statername=Tamil%20Nadu&pno=SIA/TN/MIS/204022/2021&pid=173782)

இப்படிக்கு,

M/s. ஜி. கூப்புசாமி நாயுடு நினைவு மருத்துவமனை,
எண்.88, நேதாஜி சாலை, பாப்பநாயக்கன்பாளையம், கோயம்புத்தூர் - 641037

English



TAMIL NADU

SATURDAY 21/06/2023

PUBLIC NOTICE

This is to inform General Public that State Environmental Impact Assessment Authority (SEIAA), Tamil Nadu has accorded Environmental Clearance for our expansion of G. Kuppuswamy Naidu Memorial Hospital at SF. Nos.: 1020, 1027 & 1055/2 in Krishnarayapuram Village, Coimbatore North Taluk, Coimbatore District, Tamil Nadu. The copies of said clearance available with Tamil Nadu Pollution Control Board (TNPCB) and may also be seen on the website of the SEIAA of Tamil Nadu at (http://environmentclearance.nic.in/TrackState_proposal.aspx?type=EC&status=EC_new&statername=Tamil%20Nadu&pno=SIA/TN/MIS/204022/2021&pid=173782)

By,

M/s. G. Kuppuswamy Naidu Memorial Hospital,
No.88, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037

ANNEXURE B – CTO EXPANSION FROM TNPCC

Category of the Industry :

RED



CONSENT ORDER NO. 2307251494752 DATED: 18/10/2023.

PROCEEDINGS NO.T1/TNPCB/F.0424CBN/RL//CBN/A/2023 DATED: 18/10/2023

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-I -M/s. G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL , S.F.No. T.S.Nos. 1020, 1027, 1055/2, KRISHNARAYAPUARAM village Coimbatore north Taluk and Coimbatore District - Consent for operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg.

REF: 1. Latest RCO Proc. No.T1/TNPCB/F.0424CBN/RL/CBN/W&A/2023 dated 11/07/2023
2. Unit's application for CTO direct dated 27.07.2023
3. IR.No : F.0424CBN/RL/AE/CBN/2023 dated 26/09/2023
4. Minutes of the 218th TSC meeting held on 27.09.2023 vide agenda item no. 218-11

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Chief Medical Officer
M/s . G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL
S.F No. T.S.Nos. 1020, 1027, 1055/2
KRISHNARAYAPUARAM Village
Coimbatore north Taluk
Coimbatore District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2025

R
SARASAVANI
Digitally signed by
R SARASAVANI
Date: 2023.10.19
08:54:31 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Chief Medical Officer,
M/s.G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL,
Post Box NO:6327, NETHAJI ROAD, PAPPANAICKEN PALAYAM, KRISHNARAYAPURAM VILLAGE, COIMBATORE
Pin: 641037

Copy to:

1. The Commissioner, COIMBATORE-Corporation, Coimbatore north Taluk, Coimbatore District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, COIMBATORE NORTH.

Category of the Industry :

RED



CONSENT ORDER NO. 2307151494752 DATED: 18/10/2023.

PROCEEDINGS NO.T1/TNPCB/F.0424CBN/RL/CBN/W/2023 DATED: 18/10/2023

SUB: Tamil Nadu Pollution Control Board –CONSENT TO OPERATE FOR EXPANSION-I -M/s. G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL , S.F.No. T.S.Nos. 1020, 1027, 1055/2, KRISHNARAYAPUARAM village Coimbatore north Taluk and Coimbatore District - Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg.

REF: 1. Latest RCO Proc. No.T1/TNPCB/F.0424CBN/RL/CBN/W&A/2023 dated 11/07/2023
2. Unit's application for CTO direct dated 27.07.2023
3. IR.No : F.0424CBN/RL/AE/CBN/2023 dated 26/09/2023
4. Minutes of the 218th TSC meeting held on 27.09.2023 vide agenda item no. 218-11

CONSENT TO OPERATE FOR EXPANSION is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as "The Act") and the rules and orders made there under to

The Chief Medical Officer
M/s . G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL
S.F.No. T.S.Nos. 1020, 1027, 1055/2
KRISHNARAYAPUARAM Village
Coimbatore north Taluk
Coimbatore District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This CONSENT is valid for the period ending March 31, 2025

Digitally signed by
R SARASAVANI
Date: 2023.10.19
08:55:50 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
The Chief Medical Officer,
M/s.G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL,
Post Box NO:6327, NETHAJI ROAD, PAPPANAICKEN PALAYAM, KRISHNARAYAPURAM VILLAGE, COIMBATORE
Pin: 641037

ANNEXURE C – HWA FROM TNPCCB



AUTHORISATION No. 24HFZ55163226 dated 04/01/2024

Proceeding No. JCEE-M/CBZ/TNPCB/F.0424CBN/HWA/RL/CBN/2024 dated 04/01/2024

Sub: Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL, S.F.No. T.S.Nos. 1020, 1027, 1055/2, KRISHNARAYAPUARAM Village, COIMBATORE NORTH Taluk, Coimbatore District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg.

Ref: 1. Unit's application No. 55163226 for the authorisation under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 through OCMMS dated 05/10/2023
2. HWA-IR.No.0424CBN/HWA/RL/DEE/CBN/2023 dated 18/12/2023

FORM 2

[See rule 6 (2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization: 24HFZ55163226 and dated : 04/01/2024
2. The Chief Medical Officer of M/s. G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL is hereby granted an Authorisation based on the enclosed signed Inspection report for Generation, Collection, Storage and Disposal of hazardous or other wastes or both on the premises situated at S.F.No. T.S.Nos. 1020, 1027, 1055/2, KRISHNARAYAPUARAM Village, COIMBATORE NORTH Taluk, Coimbatore District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I/5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	0.75 KL/Annum	Generation, Collection, Storage and Disposal to the TNPCB authorized Recycling facility of M/s. Steve Industries, Coimbatore District (Recyclable)

3. This authorization shall be valid for a period upto 31/03/2028.

The Authorization is issued subject to the following general and special conditions annexed.

K NALINI

Digitally signed by K NALINI
Date: 2024.01.07 15:52:12 +05'30'

**Joint Chief Environmental Engineer-Monitoring
Tamil Nadu Pollution Control Board
Coimbatore**

A. GENERAL CONDITIONS OF AUTHORIZATION

1. The authorised person 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 Tamil Nadu Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

ANNEXURE D – GREENBELT DEVELOPMENT

Greenbelt Photographs





ANNEXURE E – CSR ACTIVITIES

GKNM HOSPITAL
RECEIVED

436021 AUG 2021
29/08

Raw
Dee
21/8/21

From

Dr.G.S.Sameeran, I.A.S.,
District Collector / Chairman,
District Rural Development Agency,
Coimbatore - 641 018

To

The Chief Executive Officer,
G.Kuppuswamy Naidu Memorial
Hospital,
Post Box No.6327,
Pappanaickenpalayam, Coimbatore -
641 037

Roc.No.365/2021/C1 dated:19.08.2021

Sir,

Sub: Corporate Environment Responsibilities (CER) Activities -
Contribution given - Acknowledgement issued - Regarding.

Ref: Your letter dated 21.07.2021

Your kind attention is invited to the reference cited above, wherein you have expressed to contribute under Corporate Environmental Responsible Activity in the following areas.

Description	Rs.in lakhs	
Health & Education (Covid 19 vaccination)	7.50	Vaccine
Electrification including solar power & roads	10.50	Rs.14.50 lakhs vide
Skill Development	2.00	Cheque
Rainwater Harvesting	2.00	No.820130
TOTAL	22.00	

We hereby acknowledge the receipt of Cheque No.820130 dated 21.07.2021 for Rs.14.50 lakhs and administered vaccine worth Rs.7.50 lakhs to public at Veerapandi Village. We ensure the work execution is nearby rural areas as mention in your letter dated 21.07.2021.

B. Sameeran
19/8/21
For District Collector / Chairman,
DRDA, Coimbatore

19/08/21

f. m. e.
25/7/22

AXIS BANK LTD
COIMBATORE (TN), COIMBATORE, 641037
IFS CODE - UTIB0000080

Pay The collector, Coimbatore

As per bill

VALUE FOR THREE MONTHS FROM THE DATE OF ISSUE
DATE 21/07/2021
D D M M Y Y Y Y

OR BEARER / वा धारक को

Fourteen Lakhs Fifty Thousand only

₹ 14,50,000/-

A/C NO. 917010003279584

PLTRS .09016D

For G.KUPPUSWAMY NAIDU MEMORIAL HOSPITAL

Khandi
Prashant

Authorized Signatory(ies)
Please sign above

Payable at par at all branches of Axis Bank Ltd in India.

820130 6421002 090160 31

P. N.
25/7/22

ANNEXURE - II - A

அருட்பெருங்குடேசி
தங்கப்பெருங்குடேசி



அன்பே சிவம்
ஜீவகாருண்யமே மோட்ச விடிகள் திறவுகோல்



அருட்பெருங்குடேசி
தங்கப்பெருங்குடேசி

நெ 336/
மே: 05/08/2021

ஞானாலயா வள்ளலார் கோட்டம்

தலைமையகம் :
6. காமராஜர் சாலை, பெரிய கூடல்,
நெட்டைய நகர், சென்னை - 600030.
தமிழ்நாடு, இந்தியா.
போன் : 044-26203799, 94433 49177.

பதிவு எண். : 2051/2054/2004.

நன்சொடை - ரத்து

11 D, 2வது தளம், காட்டுச் சேரடு,
மகளிர் பாலிடெக்னிக் கல்லூரி அருகில்,
பாபநாபயன் பானையம், கோவை - 37.
செல் : 94433 57083, 94431 95103.

உயர்திரு/ திருத்தி..... G. Kuppusamy Naidu..... Memorial Hospit
..... Coimbatore.....

நன்கொடையாக ரூபாய்..... Three Lakhs..... only.....
..... D.D. No. 173051C Avenue Bank அன்புடன் பெற்றுக்கொண்டோம்.
..... அவர்களிடமிருந்து

₹ 300,000 /
சுலோகம் 805 விவிலிக்கு உட்பட்ட
DT (E) No. - 2782/ 04-05 PAN No: AAATG739H

GNANALAYA VALLALAR KOTTAM
1. RK Nagar, Main Street,
தலைநகர்பேரவாறு, கோவை - 641 046,
TamilNadu-Ph:0422-2424062

Handwritten signature and stamp.

Handwritten signature and date: 25/7/22

DETAILS OF CER AMOUNT SPENT

S. No.	Description	Amount Spent (In Lakhs)
1	Covid Vaccination as per collector's instruction	7.5
2	Cheque payment directly to Collector for various CER Activities	14.5
3	Tree Plantation	3
Total amount spent for CER Activities		25

ANNEXURE II – MONITORING REPORT

TEST REPORT

ULR-TC606023000006120F

Report Number: GLCS/TR/6423/2023-24(1)

Report Date: 21.10.2023

Issued To :	M/S. G.Kuppuswamy Naidu Memorial Hospitals, Post Box No-6327, Nethaji Road, Pappanaickenpalayam, Coimbatore – 641 037.		
Attention	Mr.Jaganathan	Sample Receipt Condition	Good – Active
Customer Ref No	3617	Sample Quantity	2 Litres
Sample Name	Waste Water	Sampled by	Client
Sample Description	STP Outlet	Sampling Method	-
Sample Code	GLCS / 6423	Date of Analysis	16.10.2023
Sampling Date	16.10.2023	Date of Completion	20.10.2023
Sample Receipt Date	16.10.2023		

Sl. No.	TEST PARAMETERS	TEST METHODS	UNIT	RESULTS	TNPCB LIMITS
1	pH value @ 25°C	IS 3025:Part 11	-	6.94	5.5 to 9.0
2	Total Suspended Solids	IS 3025:Part 17	mg/L	16	30
3	Total Dissolved Solids @ 105°C	IS 3025:Part 16	mg/L	1236	-
4	Chemical Oxygen Demand	IS 3025:Part 58	mg/L	16.1	100
5	Bio-Chemical Oxygen Demand @ 27°C for 3 days	IS 3025:Part 44	mg/L	4.8	20
6	Chloride as Cl	IS 3025:Part 32	mg/L	486.4	-
7	Sulphate as SO ₄	IS 3025:Part 24	mg/L	269.6	-
8	Oil & Grease	GLCS/SOP/W/025	mg/L	BDL(DL:5.0)	-
9	Total Kjeldhal Nitrogen	IS 3025:Part 34	mg/L	22.5	-
10	Ammonical Nitrogen as NH ₃ . N	IS 3025:Part 34	mg/L	13.3	50

Note : BDL – Below Detection Limit, DL – Detection Limit.

For Global Lab and Consultancy Service:



Page 1 of 2


Authorised Signatory

L. SUDHAPRIYA
Technical Manager

Note: The test results are only to the sample submitted for test. Any Correction of the test report on full or part shall invalidate the report. Samples are not drawn by us unless otherwise stated. Sample will be retained for 14 days from the date of reporting except in case of regulatory samples or specifically instructed by client. Perishable samples will be discarded immediately after reporting. We do not accept any liability with regard to origin or source from which the samples are extracted. The Laboratory is not responsible for authenticity of photocopied test reports. Any holder of this report is advised that information contained hereon reflects the laboratory's finding at the time of its intervention only and within the limits of client instructions. The authenticity of the test report's issued by us can be verified by submitting an E-mail request with report number and report date along with report copy.

TEST REPORT

ULR-TC606023000006120F

Report Number: GLCS/TR/6423/2023-24(1)

Report Date: 21.10.2023

Issued To :	M/S. G.Kuppuswamy Naidu Memorial Hospitals, Post Box No-6327, Nethaji Road, Pappanaickenpalayam, Coimbatore – 641 037.		
Attention	Mr.Jaganathan	Sample Receipt Condition	Good
TRF No.	3617	Sample Quantity	2 lit
Sample Name	Waste water	Sampled by	Client
Sample Description	STP Outlet	Sampling Method	-
Sample Code	GLCS /6423	Date of Analysis	16.10.2023
Sample Receipt Date	16.10.2023	Date of Completion	19.10.2023

SI. No	TEST PARAMETERS	TEST METHOD	UNIT	RESULTS	*LIMITS
1	Faecal Coilform	IS 1622	MPN/100ml	90	Desirable 100 Permissible 230

Note: MPN-Most Probable Number; *Limits - Tolerance limit for Discharge of Sewage Treatment Plant Water as per TNPCB norms.



For Global Lab and Consultancy Services


Authorised Signatory
L. DINESHKUMAR
Technical Manager-Microbiology

*****End of Report*****

Page 2 of 2

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Committed to Precision

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Alagapuram Pudur,

Salem - 636 016. Tamil Nadu.

Phone: 0427 - 2970989 / +91 70944 53636

E-Mail: lab@glcs.in

Web: www.glcs.in

TEST REPORT

Report Number: GLCS/TR/6423/2023-24(2)

Report Date: 21.10.2023

Issued To :	M/S. G.Kuppuswamy Naidu Memorial Hospitals, Post Box No-6327, Nethaji Road, Pappanaickenpalayam, Coimbatore – 641 037.		
Attention	Mr.Jaganathan	Sample Receipt Condition	Good – Active
Customer Ref No	3617	Sample Quantity	2 Litres
Sample Name	Waste Water	Sampled by	Client
Sample Description	STP Outlet	Sampling Method	-
Sample Code	GLCS / 6423	Date of Analysis	16.10.2023
Sampling Date	16.10.2023	Date of Completion	20.10.2023
Sample Receipt Date	16.10.2023		

Sl. No.	TEST PARAMETERS	TEST METHODS	UNIT	RESULTS	TNPCB LIMITS
1	Free Ammonia	IS 3025:Part 34	mg/L	1.9	-

For Global Lab and Consultancy Services



Authorised Signatory

L. SUDHAPRIYA
Technical Manager

*****End of Report*****

Page 1 of 1

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TEST REPORT

ULR-TC606023000006119F

Report Number: GLCS/TR/6422/2023-24(1)

Report Date: 21.10.2023

Issued To :	M/S. G.Kuppuswamy Naidu Memorial Hospitals, Post Box No-6327, Nethaji Road, Pappanaickenpalayam, Coimbatore – 641 037.		
Attention	Mr. Jaganathan	Sample Receipt Condition	Good – Active
Customer Ref No	3617	Sample Quantity	2.0 Litres
Sample Name	Waste Water	Sampled by	Client
Sample Description	ETP Outlet	Sampling Method	-
Sample Code	GLCS / 6422	Date of Analysis	16.10.2023
Sampling Date	16.10.2023	Date of Completion	20.10.2023
Sample Receipt Date	16.10.2023		

Sl. No.	TEST PARAMETERS	TEST METHODS	UNIT	RESULTS	TNPCB LIMITS
1	pH value @ 25°C	IS 3025:Part 11	-	6.10	5.5 to 9.0
2	Total Suspended Solids	IS 3025:Part 17	mg/L	34	100
3	Total Dissolved Solids	IS 3025:Part 16	mg/L	948	2100
4	Chemical Oxygen Demand	IS 3025:Part 58	mg/L	124.6	250
5	Bio-Chemical Oxygen Demand @ 27°C for 3 days	IS 3025:Part 44	mg/L	27.6	30
6	Chloride as Cl	IS 3025:Part 32	mg/L	342.5	1000
7	Sulphate as SO ₄	IS 3025:Part 24	mg/L	114.5	1000
8	Oil & Grease	GLCS/SOP/W/025	mg/L	BDL(DL:5.0)	10
9	Ammoniacal as NH ₃ . N	IS 3025:Part 34	mg/L	8.9	50
10	Total Kjeldhal Nitrogen	IS 3025:Part 34	mg/L	15.2	100
11	Free Residual Chlorine as Cl ₂	IS 3025:Part 26	mg/L	BDL(DL:1.0)	-
12	Fluoride as F	GLCS/SOP/W/015	mg/L	BDL(DL:0.1)	2
13	Hexavalent Chromium	IS 3025 PART 52	mg/L	BDL(DL:0.1)	0.1
14	Residual Sodium Carbonate	IS 11624	meq/L	178	-
15	Dissolved Phosphate P	IS 3025 PART 31	mg/L	1.0	5

Note : BDL – Below Detection Limit, DL – Detection Limit.



For Global Lab and Consultancy Services


Authorised Signatory

L. SUDHAPRIYA
Technical Manager

*****End of Report*****

Page 1 of 1

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TEST REPORT

Report Number: GLCS/TR/6422/2023-24(2)

Report Date: 21.10.2023

Issued To :	M/S. G.Kuppuswamy Naidu Memorial Hospitals, Post Box No-6327, Nethaji Road, Pappanaickenpalayam, Coimbatore – 641 037.		
Attention	Mr.Jaganathan	Sample Receipt Condition	Good – Active
Customer Ref No	3617	Sample Quantity	2 Litres
Sample Name	Waste Water	Sampled by	Client
Sample Description	ETP Outlet	Sampling Method	-
Sample Code	GLCS / 6422	Date of Analysis	16.10.2023
Sampling Date	16.10.2023	Date of Completion	20.10.2023
Sample Receipt Date	16.10.2023		

Sl. No.	TEST PARAMETERS	TEST METHODS	UNIT	RESULTS	TNPCB LIMITS
1	Free Ammonia	IS 3025:Part 34	mg/L	1.7	-

For Global Lab and Consultancy Services



Authorised Signatory

L. SUDHAPRIYA

Technical Manager

*****End of Report*****

Page 1 of 1

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Teachers Colony, Kolathur, Chennai 600 099.
E-mail: lab@avison.in | www.avison.in
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TEST REPORT

Job No. 616/23-24 Report No. TC507423000004855F Report Date 24.11.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : ETP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2311261 Sample Condition : Slightly Turbid Liquid
Sample Received On : 17.11.2023 Sample Completed On : 24.11.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	TNPCB Limits (Max)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	5.8	5.5 - 9.0
2.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	1468	2100
3.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	2.4	100
4.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	10
5.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	362	1000
6.	Chemical Oxygen Demand	IS:3025 (Part 58) 2006	mg/L	38	250
7.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO4-E : 2017	mg/L	28	1000
8.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	5.8	30
9.	Residual Chlorine	IS:3025 (Part-26)2021	mg/L	2.0	1.0
10.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.2	50
11.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	2.0	100
12.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	5.0
13.	Fluoride as F	APHA 23 rd Edition 2017 4500 F D	mg/L	0.28	2.0
14.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BDL (DL:0.05)	0.1
15.	Residual Sodium Carbonate	IS:11624-2019	meq/L	BDL (DL:1.0)	---
16.	Dissolved Phosphate as P	IS:3025 (Part-31)1988	mg/L	0.25	5.0

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

Note: BDL – Below Detection Limit
DL – Detection Limit

****End of Report****

1 of 1

Perfection in Service is our motto...

U. ANBARASAN
DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Job No. 616/23-24 Report No. TC507423000004856F Report Date 24.11.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanackentalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : STP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2311262 Sample Condition : Slightly Turbid Liquid
Sample Received On : 17.11.2023 Sample Completed On : 24.11.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	7.5	5.5-9.0
2.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	4.2	30
3.	Chemical Oxygen Demand	IS:3025 (part 58) 2006	mg/L	76	100
4.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	16	20
5.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	15
6.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	986	---
7.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	---
8.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	163	---
9.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO ₄ -E : 2017	mg/L	271	---
10.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	---
11.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	---

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

U. ANBARASAN
DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Job No. 616/23-24 Report No. TC507423000004856F Report Date 24.11.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : STP Outlet water Qty Sample Received : 100ml
Sample Code : AES2311262 Sample Condition : Slightly Turbid Liquid
Sample Received On : 17.11.2023 Sample Completed On : 20.11.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
BACTERIOLOGICAL PARAMETERS					
1.	Faecal coliform	APHA 23 rd Edition 9221 E-9-74:2017	MPN/100ml	350	Permissible-1000 MPN/100 ml

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

Note: BDL – Below Detection Limit
DL – Detection Limit
MPN- Most Probable Number

End of Report
2 of 2

J. ELAVARASI
SENIOR MICROBIOLOGIST

Perfection in Service is our motto...

Note : The results listed here with are only for the items tested. Endorsement of test item is neither inferred nor implied. This report in full or part shall not be used for any promotional activity or publicity purpose without written consent by us. Unless specifically requested by the customer the test items will not be retained for more than 15 days from the date of issue of the test report. Under no circumstances lab accepts any liability for loss/damage caused by use or misuse of test report. Liability is limited to proven will full negligence and will in no case be more than the invoiced amount.



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TEST REPORT

Job No. 712/23-24 Report No. TCS07423000005518F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring

Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,

Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES

Sampling Method : AES/EN/GEN/SOP/003

Date of Monitoring : 20.12.2023

Time of Monitoring : 1130 Hrs to 1210 Hrs

Name of the Stack : DG-1 (500 KVA)

Ambient Temperature : 35°C

Sample Code : AES2312440

Sample Received On : 21.12.2023

Stack Details : NA

Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.25	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	166	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	16.2	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	1942	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	63.6	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	50.6	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	6.0	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	12.8	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

Note: BDL – Below Detection Limit
DL – Detection Limit

****End of Report****
1 of 1

U. ANBARASAN
DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005519F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES Sampling Method : AES/EN/GEN/SOP/003
Date of Monitoring : 20.12.2023 Time of Monitoring : 1130 Hrs to 1210 Hrs
Name of the Stack : DG- 600 KVA -1 Ambient Temperature : 35°C
Sample Code : AES2312441 Sample Received On : 21.12.2023
Stack Details : NA Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.25	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	187	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	17.4	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	1991	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	67.1	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	60.6	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	6.7	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	11.9	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

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Signature

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005520F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring

Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,

Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES

Sampling Method : AES/EN/GEN/SOP/003

Date of Monitoring : 20.12.2023

Time of Monitoring : 1130 Hrs to 1210 Hrs

Name of the Stack : DG- 600 KVA -2

Ambient Temperature : 35°C

Sample Code : AES2312442

Sample Received On : 21.12.2023

Stack Details : NA

Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.25	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	167	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	16.8	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	2010	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	68.1	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	59.8	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	6.6	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	12.0	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

For AVISON ENVIRO SYSTEMS LLP

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005521F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring

Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,

Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES

Sampling Method : AES/EN/GEN/SOP/003

Date of Monitoring : 20.12.2023

Time of Monitoring : 1130 Hrs to 1210 Hrs

Name of the Stack : Laundry Boiler - 1

Ambient Temperature : 35°C

Sample Code : AES2312443

Sample Received On : 21.12.2023

Stack Details : NA

Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.45	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	122	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	16.0	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	6908	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	64.6	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	37.9	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	6.1	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	12.7	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005522F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring

Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,

Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES

Sampling Method : AES/EN/GEN/SOP/003

Date of Monitoring : 20.12.2023

Time of Monitoring : 1130 Hrs to 1210 Hrs

Name of the Stack : Laundry Boiler - 2

Ambient Temperature : 35°C

Sample Code : AES2312444

Sample Received On : 21.12.2023

Stack Details : NA

Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.24	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	112	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	15.2	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	1915	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	60.6	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	44.8	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	5.8	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	13.1	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005523F Report Date 28.12.2023

Sample Description : Stack Emission Monitoring

Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,

Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.

Sample Drawn by : AES

Sampling Method : AES/EN/GEN/SOP/003

Date of Monitoring : 20.12.2023

Time of Monitoring : 1130 Hrs to 1210 Hrs

Name of the Stack : DG-380 KVA

Ambient Temperature : 35°C

Sample Code : AES2312445

Sample Received On : 21.12.2023

Stack Details : NA

Sample Completed On : 28.12.2023

S.No	Description	Method of Reference	Units	Results	Max Limits (CPCB)
1.	Stack Diameter	IS:11255 (Part-3)2008	m	0.25	--
2.	Stack Temperature	IS:11255 (Part-3)2008	°C	168	--
3.	Flue Gas Velocity	IS:11255 (Part-3)2008	m/sec	15.5	--
4.	Flue Gas Flow Rate	IS:11255 (Part-3)2008	Nm ³ /hr	1850	--
5.	Particulate Matter (PM)	IS:11255 (Part-1)1985	mg/Nm ³	66.6	150
6.	Sulphur Di-Oxide as SO ₂	AES/EN/STK/SOP/001	mg/Nm ³	BDL (DL:7.0)	--
7.	Oxides of Nitrogen as NO _x	AES/EN/STK/SOP/001	mg/Nm ³	40.8	--
8.	Carbon-dioxide as CO ₂	AES/EN/STK/SOP/001	%	6.6	--
9.	Oxygen as O ₂	AES/EN/STK/SOP/001	%	12.0	--
10.	Carbon Monoxide as CO	AES/EN/STK/SOP/001	%	BDL (DL:0.002)	--

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005526F Report Date 28.12.2023

Sample Description : Source Noise Monitoring –Insertion Loss for DG
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : AES Sampling Method : AES/EN/GEN/SOP/006
Date of Monitoring : 20.12.2023 Time of Monitoring : 1000 Hrs to 1045 Hrs
Sample Code : AES2312448 Test Method : AES/EN/NLM/SOP/001
Sample Received On : 21.12.2023 Sample Completed On : 28.12.2023

S.No	DG- 500 KVA	
	OPEN dB(A)	CLOSE dB(A)
1.	95.5	70.1
2.	97.0	71.2
3.	97.6	72.0
4.	97.3	71.9
Average	96.9	71.3

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TEST REPORT

Job No.	712/23-24	Report No.	TC507423000005527F	Report Date	28.12.2023
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Sample Description : Source Noise Monitoring –Insertion Loss for DG
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : AES Sampling Method : AES/EN/GEN/SOP/006
Date of Monitoring : 20.12.2023 Time of Monitoring : 1000 Hrs to 1045 Hrs
Sample Code : AES2312449 Test Method : AES/EN/NLM/SOP/001
Sample Received On : 21.12.2023 Sample Completed On : 28.12.2023

S.No	DG- 500 KVA -II	
	OPEN dB(A)	CLOSE dB(A)
1.	96.9	71.0
2.	96.9	71.6
3.	96.9	71.2
4.	96.1	70.9
Average	96.7	71.2

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005528F Report Date 28.12.2023

Sample Description : Source Noise Monitoring –Insertion Loss for DG
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : AES Sampling Method : AES/EN/GEN/SOP/006
Date of Monitoring : 20.12.2023 Time of Monitoring : 1000 Hrs to 1045 Hrs
Sample Code : AES2312450 Test Method : AES/EN/NLM/SOP/001
Sample Received On : 21.12.2023 Sample Completed On : 28.12.2023

S.No	DG- 600 KVA	
	OPEN dB(A)	CLOSE dB(A)
1.	94.8	69.6
2.	94.9	69.2
3.	95.4	69.9
4.	5.7	70.6
Average	95.2	69.8

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005529F Report Date 28.12.2023

Sample Description : Source Noise Monitoring –insertion Loss for DG
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : AES Sampling Method : AES/EN/GEN/SOP/006
Date of Monitoring : 20.12.2023 Time of Monitoring : 1000 Hrs to 1045 Hrs
Sample Code : AES2312451 Test Method : AES/EN/NLM/SOP/001
Sample Received On : 21.12.2023 Sample Completed On : 28.12.2023

S.No	DG- 380 KVA	
	OPEN dB(A)	CLOSE dB(A)
1.	95.3	70.1
2.	96.4	70.6
3.	96.5	70.9
4.	97.1	71.7
Average	96.3	70.8

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005530F Report Date 28.12.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : STP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2312452 Sample Condition : Slightly Turbid Liquid
Sample Received On : 21.12.2023 Sample Completed On : 27.12.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	6.9	5.5-9.0
2.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	6.0	30
3.	Chemical Oxygen Demand	IS:3025 (part 58) 2006	mg/L	70	100
4.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	16	20
5.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	15
6.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	942	---
7.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	---
8.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	131	---
9.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO ₄ -E : 2017	mg/L	246	---
10.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	---
11.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	---

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TEST REPORT

Job No. 712/23-24 Report No. TC507423000005530F Report Date 28.12.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : STP Outlet water Qty Sample Received : 100ml
Sample Code : AES2312452 Sample Condition : Slightly Turbid Liquid
Sample Received On : 21.12.2023 Sample Completed On : 23.12.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
BACTERIOLOGICAL PARAMETERS					
1.	Faecal coliform	APHA 23 rd Edition 9221 E-9-74:2017	MPN/100ml	<1.8	Permissible-1000 MPN/100 ml

For AVISON ENVIRO SYSTEMS LLP

E. Jantey
Verified by



J. Elavarasi
Authorized Signatory

Note: BDL – Below Detection Limit
DL – Detection Limit
MPN- Most Probable Number

****End of Report****
2 of 2

J. ELAVARASI
SENIOR MICROBIOLOGIST

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TEST REPORT

Job No. 712/23-24 Report No. TCS0742300005531F Report Date 28.12.2023

Sample Description : Waste Water
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : ETP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2312453 Sample Condition : Slightly Turbid Liquid
Sample Received On : 21.12.2023 Sample Completed On : 27.12.2023
Sample Details (if any) : NA

S.No	Description	Method of Reference	Units	Results	TNPCB Limits (Max)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	8.0	5.5 – 9.0
2.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	1282	2100
3.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	2.8	100
4.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	10
5.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	325	1000
6.	Chemical Oxygen Demand	IS:3025 (Part 58) 2006	mg/L	37	250
7.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO4-E : 2017	mg/L	18	1000
8.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	5.6	30
9.	Residual Chlorine	IS:3025 (Part-26)2021	mg/L	0.80	1.0
10.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.1	50
11.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.8	100
12.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	5.0
13.	Fluoride as F	APHA 23 rd Edition 2017 4500 F D	mg/L	0.29	2.0
14.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BDL (DL:0.05)	0.1
15.	Residual Sodium Carbonate	IS:11624-2019	meq/L	+4.071	---
16.	Dissolved Phosphate as P	IS:3025(Part-31)1988	mg/L	0.54	5.0

For AVISON ENVIRO SYSTEMS LLP

Verified by



Authorized Signatory

Note: BDL – Below Detection Limit
DL – Detection Limit

****End of Report****

1 of 1

U. ANBARASAN

DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Job No. 801/23-24 ULR No. TC50742300000609F Report Date 03.02.2024

Sample Description : Waste Water
Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : ETP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2401515 Sample Condition : Slightly Turbid Liquid
Sample Received On : 27.01.2024 Sample Completed On : 03.02.2024
Sample Details (if any) : NA Report Number : AES0609

S.No	Description	Method of Reference	Units	Results	TNPCB Limits (Max)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	8.2	5.5 – 9.0
2.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	1268	2100
3.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	2.0	100
4.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	10
5.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	310	1000
6.	Chemical Oxygen Demand	IS:3025 (Part 58) 2006	mg/L	33	250
7.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO ₄ -E : 2017	mg/L	16	1000
8.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	8.0	30
9.	Residual Chlorine	IS:3025 (Part-26)2021	mg/L	BDL (DL:0.1)	1.0
10.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.1	50
11.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.6	100
12.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	5.0
13.	Fluoride as F	APHA 23 rd Edition 2017 4500 F D	mg/L	0.20	2.0
14.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BDL (DL:0.05)	0.1
15.	Residual Sodium Carbonate	IS:11624-2019	meq/L	BDL (DL:1.0)	---
16.	Dissolved Phosphate as P	IS:3025(Part-31)1988	mg/L	0.50	5.0

Verified by

Note: BDL – Below Detection Limit
DL – Detection Limit



****End of Report****

1 of 1

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For AVISON ENVIRO SYSTEMS LLP

U. ANBARASAN
Authorized Signatory
DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Job No. 801/23-24 ULR No. TC507423000000610F Report Date 03.02.2024

Sample Description : Waste Water
 Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
 Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
 Coimbatore- 641037,
 Sample Drawn by : Customer Sampling Method : NA
 Sample Name : STP Outlet water Qty Sample Received : 5 Ltrs
 Sample Code : AES2401516 Sample Condition : Slightly Turbid Liquid
 Sample Received On : 27.01.2024 Sample Completed On : 03.02.2024
 Sample Details (if any) : NA Report Number : AES0610

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	7.2	5.5-9.0
2.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	5.6	30
3.	Chemical Oxygen Demand	IS:3025 (part 58) 2006	mg/L	60	100
4.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	14	20
5.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	15
6.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	928	---
7.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	---
8.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	126	---
9.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO4-E : 2017	mg/L	222	---
10.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	---
11.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	BDL (DL:1.0)	---

For AVISON ENVIRO SYSTEMS LLP

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TEST REPORT

Job No.	801/23-24	ULR No.	TC507423000000610F	Report Date	03.02.2024
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Sample Description : Waste Water
 Customer Name : M/s. G. Kuppaswamy Naidu Memorial Hospital,
 Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
 Coimbatore- 641037.
 Sample Drawn by : Customer
 Sample Name : STP Outlet water
 Sample Code : AES2401516
 Sample Received On : 27.01.2024
 Sample Details (if any) : NA

Sampling Method : NA
 Qty Sample Received : 100ml
 Sample Condition : Slightly Turbid Liquid
 Sample Completed On : 29.01.2024
 Report Number : AES0610

S.No	Description	Method of Reference	Units	Results	Max Limits (TNPCB)
BACTERIOLOGICAL PARAMETERS					
1.	Faecal coliform	APHA 23 rd Edition 9221 E-9-74:2017	MPN/100ml	<1.8	Permissible-1000 MPN/100 ml

For AVISON ENVIRO SYSTEMS LLP

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Authorized Signatory 

Note: BDL – Below Detection Limit
DL – Detection Limit
MPN- Most Probable Number

****End of Report****
2 of 2

J. ELAVARASI
SENIOR MICROBIOLOGIST

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TEST REPORT

Job No. 859/23-24 ULR No. TC50742300000947F Report Date 23.02.2024

Sample Description : Waste Water
Customer Name : M/s. G. Kuppuswamy Naidu Memorial Hospital,
Customer Address : Post. Box. No. 6327, Nethaji Road, Pappanaickenpalayam,
Coimbatore- 641037.
Sample Drawn by : Customer Sampling Method : NA
Sample Name : ETP Outlet water Qty Sample Received : 5 Ltrs
Sample Code : AES2402276 Sample Condition : Slightly Turbid Liquid
Sample Received On : 16.02.2024 Sample Completed On : 22.02.2024
Sample Details (if any) : NA Report Number : AES0947

S.No	Description	Method of Reference	Units	Results	TNPCB Limits (Max)
1.	pH @ 25°C	IS:3025 (Part-11)1983	---	8.1	5.5 – 9.0
2.	Total Dissolved Solids	IS:3025 (Part-16)1984	mg/L	656	2100
3.	Total Suspended Solids	IS:3025 (Part-17)1984	mg/L	2.8	100
4.	Oil & Grease	IS:3025 (Part-39)2021	mg/L	BDL (DL:2.0)	10
5.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	220	1000
6.	Chemical Oxygen Demand	IS:3025 (Part 58) 2006	mg/L	70	250
7.	Sulphate as SO ₄	APHA 23 rd Edition 4500 SO4-E : 2017	mg/L	11	1000
8.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)1993	mg/L	16.0	30
9.	Residual Chlorine	IS:3025 (Part-26)2021	mg/L	BDL (DL:0.1)	1.0
10.	Ammonical Nitrogen as N	IS:3025 (Part-34)1988	mg/L	1.8	50
11.	Total Kjeldahl Nitrogen as N	IS:3025 (Part-34)1988	mg/L	3.4	100
12.	Free Ammonia as NH ₃	IS:3025 (Part-34)1988	mg/L	BDL (DL:0.2)	5.0
13.	Fluoride as F	APHA 23 rd Edition 2017 4500 F D	mg/L	BDL (DL:0.1)	2.0
14.	Hexavalent Chromium as Cr ⁶⁺	IS:3025 (Part-52)2003	mg/L	BDL (DL:0.05)	0.1
15.	Residual Sodium Carbonate	IS:11624-2019	meq/L	BDL (DL:1.0)	---
16.	Dissolved Phosphate as P	IS:3025(Part-31)1988	mg/L	0.52	5.0

Verified by

Note: BDL – Below Detection Limit
DL – Detection Limit



****End of Report****

1 of 1

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For AVISON ENVIRO SYSTEMS LLP




Authorized Signatory

U. ANBARASAN
DEPUTY MANAGER - TECHNICAL

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TEST REPORT

Page : 1/1

REPORT NO :	EPE/182/2024	REPORT DATE :	02.04.2024	
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.			
Sample Description :	Stack Monitoring	Sample Code :	EPE : 391	
Sample Collected on :	27.03.2024	Test Commenced on :	27.03.2024	
Sample Received on :	27.03.2024	Test Completed on :	02.04.2024	
Instrument Used :	Stack Monitoring Kit - PEM/SMK10			
Sampling Method :	IS:11255 PART 3: 2008 - Isokinetic Method			
STACK EMISSION SOURCE : DIESEL GENERATOR SET - 500 KVA				
S.NO	DESCRIPTION	UNIT	TEST RESULTS	TEST METHODS
1	Source Make / ID	...	CAT	...
2	Stack Height from Ground Level	m	7.00	...
3	Port Hole Height from Ground Level	m	5.00	...
4	Stack Diameter	m	0.25	...
5	Ambient Temperature	°C	33.00	IS:11255 PART 3; 2008
6	Stack Temperature	°C	150.00	IS:11255 PART 3; 2008
7	Stack Velocity	m/sec	16.40	IS:11255 PART 3; 2008
8	Gas Discharge	Nm ³ /hr	2040.66	IS:11255 PART 3; 2008
9	Particulate Matter (PM)	mg/Nm ³	41.50	IS:11255 PART 1; 1985
10	Sulphur Dioxide (SO ₂)	mg/Nm ³	7.10	IS:11255 PART 2; 1985
11	Oxides of Nitrogen (NO ₂)	mg/Nm ³	32.80	IS:11255 PART 7; 2005
12	Carbon Monoxide (CO)	% (v/v)	BDL (D.L: 0.2)	IS:13270; 1992
< End of Report >				
Permissible Limits for Emission Source				
S.NO	PARAMETERS	UNIT	TNPCB Norms	
1	Particulate Matter (PM)	mg/Nm ³	150.0	
2	Carbon Monoxide (CO)	% (v/v)	1.0	
BDL : Below Detectable Level D.L : Detectable Level				
Verified by,		For EN-PROTECT ENGINEERS,		
		 02.04.24 Authorized Signatory, (K. Balamurugan) Quality Manager.		
				
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TEST REPORT

Page : 1/1

REPORT NO :	EPE/183/2024	REPORT DATE :	02.04.2024
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.		
Sample Description :	Stack Monitoring	Sample Code :	EPE : 392
Sample Collected on :	27.03.2024	Test Commenced on :	27.03.2024
Sample Received on :	27.03.2024	Test Completed on :	02.04.2024
Instrument Used :	Stack Monitoring Kit - PEM/SMK10		
Sampling Method :	IS:11255 PART 3: 2008 - Isokinetic Method		

STACK EMISSION SOURCE : DIESEL GENERATOR SET - I (600 KVA)

S.NO	DESCRIPTION	UNIT	TEST RESULTS	TEST METHODS
1	Source Make / ID	...	CAT	...
2	Stack Height from Ground Level	m	7.00	...
3	Port Hole Height from Ground Level	m	5.00	...
4	Stack Diameter	m	0.25	...
5	Ambient Temperature	°C	33.00	IS:11255 PART 3; 2008
6	Stack Temperature	°C	247.00	IS:11255 PART 3; 2008
7	Stack Velocity	m/sec	17.50	IS:11255 PART 3; 2008
8	Gas Discharge	Nm ³ /hr	1771.34	IS:11255 PART 3; 2008
9	Particulate Matter (PM)	mg/Nm ³	47.90	IS:11255 PART 1; 1985
10	Sulphur Dioxide (SO ₂)	mg/Nm ³	8.30	IS:11255 PART 2; 1985
11	Oxides of Nitrogen (NO _x)	mg/Nm ³	34.30	IS:11255 PART 7; 2005
12	Carbon Monoxide (CO)	% (v/v)	BDL (D.L: 0.2)	IS:13270; 1992

< End of Report >

Permissible Limits for Emission Source

S.NO	PARAMETERS	UNIT	TNPCB Norms
1	Particulate Matter (PM)	mg/Nm ³	150.0
2	Carbon Monoxide (CO)	% (v/v)	1.0

BDL : Below Detectable Level D.L : Detectable Level

Verified by,

K. Balamurugan



For EN-PROTECT ENGINEERS,



K. Balamurugan
02.04.24

Authorized Signatory,
(K. Balamurugan)
Quality Manager.

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TEST REPORT

Page : 1/1

REPORT NO :	EPE/184/2024	REPORT DATE :	02.04.2024	
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.			
Sample Description :	Stack Monitoring	Sample Code :	EPE : 393	
Sample Collected on :	27.03.2024	Test Commenced on :	27.03.2024	
Sample Received on :	27.03.2024	Test Completed on :	02.04.2024	
Instrument Used :	Stack Monitoring Kit - PEM/SMK10			
Sampling Method :	IS:11255 PART 3: 2008 - Isokinetic Method			
STACK EMISSION SOURCE : DIESEL GENERATOR SET - II (600 KVA)				
S.NO	DESCRIPTION	UNIT	TEST RESULTS	TEST METHODS
1	Source Make / ID	...	CAT	...
2	Stack Height from Ground Level	m	5.00	...
3	Stack Diameter	m	0.25	...
4	Ambient Temperature	°C	33.00	IS:11255 PART 3; 2008
5	Stack Temperature	°C	201.00	IS:11255 PART 3; 2008
6	Stack Velocity	m/sec	14.22	IS:11255 PART 3; 2008
7	Gas Discharge	Nm ³ /hr	1579.00	IS:11255 PART 3; 2008
8	Particulate Matter (PM)	mg/Nm ³	49.10	IS:11255 PART 1; 1985
9	Sulphur Dioxide (SO ₂)	mg/Nm ³	7.60	IS:11255 PART 2; 1985
10	Oxides of Nitrogen (NO _x)	mg/Nm ³	39.30	IS:11255 PART 7; 2005
11	Carbon Monoxide (CO)	% (v/v)	BDL (D.L: 0.2)	IS:13270; 1992
< End of Report >				
Permissible Limits for Emission Source				
S.NO	PARAMETERS	UNIT	TNPCB Norms	
1	Particulate Matter (PM)	mg/Nm ³	150.0	
2	Carbon Monoxide (CO)	% (v/v)	1.0	
BDL : Below Detectable Level D.L : Detectable Level				
Verified by,		For EN-PROTECT ENGINEERS,		
K. Alby		  02.04.24 Authorized Signatory, (K. Balamurugan) Quality Manager.		
<small>Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test item is not more than 15 days from the date of issue of the test report unless specified by the customer.</small>				

TEST REPORT

Page : 1/1

REPORT NO :	EPE/185/2024	REPORT DATE :	02.04.2024
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.		
Sample Description :	Stack Monitoring	Sample Code :	EPE : 394
Sample Collected on :	27.03.2024	Test Commenced on :	27.03.2024
Sample Received on :	27.03.2024	Test Completed on :	02.04.2024
Instrument Used :	Stack Monitoring Kit - PEM/SMK10		
Sampling Method :	IS:11255 PART 3: 2008 - Isokinetic Method		

STACK EMISSION SOURCE : DIESEL GENERATOR SET - 380 KVA

S.NO	DESCRIPTION	UNIT	TEST RESULTS	TEST METHODS
1	Source Make / ID	...	CAT	...
2	Stack Height from Ground Level	m	7.00	...
3	Port Hole Height from Ground Level	m	5.00	...
4	Stack Diameter	m	0.25	...
5	Ambient Temperature	°C	33.00	IS:11255 PART 3; 2008
6	Stack Temperature	°C	127.00	IS:11255 PART 3; 2008
7	Stack Velocity	m/sec	15.12	IS:11255 PART 3; 2008
8	Gas Discharge	Nm ³ /hr	1990.00	IS:11255 PART 3; 2008
9	Particulate Matter (PM)	mg/Nm ³	30.30	IS:11255 PART 1; 1985
10	Sulphur Dioxide (SO ₂)	mg/Nm ³	6.00	IS:11255 PART 2; 1985
11	Oxides of Nitrogen (NO _x)	mg/Nm ³	27.70	IS:11255 PART 7; 2005
12	Carbon Monoxide (CO)	% (v/v)	BDL (D.L: 0.2)	IS:13270; 1992

< End of Report >

Permissible Limits for Emission Source

S.NO	PARAMETERS	UNIT	TNPCB Norms
1	Particulate Matter (PM)	mg/Nm ³	150.0
2	Carbon Monoxide (CO)	% (v/v)	1.0

BDL : Below Detectable Level D.L : Detectable Level

Verified by,

K. Balamurugan



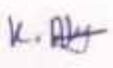

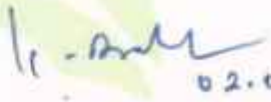
For EN-PROTECT ENGINEERS,

K. Balamurugan
02.04.24
Authorized Signatory,
(K. Balamurugan)
Quality Manager.

Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test item is not more than 15 days from the date of issue of the test report unless specified by the customer.

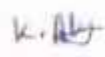


TEST REPORT

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REPORT NO :	EPE/187/2024	REPORT DATE :	02.04.2024	
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.			
Sample Description :	Stack Monitoring	Sample Code :	EPE : 396	
Sample Collected on :	27.03.2024	Test Commenced on :	27.03.2024	
Sample Received on :	27.03.2024	Test Completed on :	02.04.2024	
Instrument Used :	Stack Monitoring Kit - PEM/SMK10			
Sampling Method :	IS:11255 PART 3: 2008 - Isokinetic Method			
STACK EMISSION SOURCE : LAUNDRY BOILER - I				
S.NO	DESCRIPTION	UNIT	TEST RESULTS	TEST METHODS
1	Source Make / ID
2	Stack Height from Ground Level	m	10.00	...
3	Stack Diameter	m	0.45	...
4	Ambient Temperature	°C	32.00	IS:11255 PART 3; 2008
5	Stack Temperature	°C	107.00	IS:11255 PART 3; 2008
6	Stack Velocity	m/sec	10.30	IS:11255 PART 3; 2008
7	Gas Discharge	Nm ³ /hr	4622.00	IS:11255 PART 3; 2008
8	Particulate Matter (PM)	mg/Nm ³	20.00	IS:11255 PART 1; 1985
9	Sulphur Dioxide (SO ₂)	mg/Nm ³	6.00	IS:11255 PART 2; 1985
10	Oxides of Nitrogen (NO ₂)	mg/Nm ³	21.00	IS:11255 PART 7; 2005
11	Carbon Monoxide (CO)	% (v/v)	BDL (D.L: 0.2)	IS:13270; 1992
< End of Report >				
Permissible Limits for Emission Source				
S.NO	PARAMETERS	UNIT	TNPCB Norms	
1	Particulate Matter (PM)	mg/Nm ³	150.0	
2	Carbon Monoxide (CO)	% (v/v)	1.0	
BDL : Below Detectable Level D.L : Detectable Level				
Verified by,		For EN-PROTECT ENGINEERS,		
 		 02.04.24 Authorized Signatory, (K. Balamurugan) Quality Manager.		
<small>Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test item is not more than 15 days from the date of issue of the test report unless specified by the customer.</small>				

TEST REPORT

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REPORT NO :	EPE/189/2024	REPORT DATE :	02.04.2024	
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.			
Sample Description :	Ambient Noise Level	Sample Code :	EPE : 398 - 399	
Monitoring On :	27.03.2024	Commenced On :	27.03.2024	
Instrument Used :	Sound Level Meter (LUTRON - DSL 4010)	S.No :	Q670216	
S.No.	NAME OF THE LOCATIONS	DAY TIME		
		Minimum dB (A)	Maximum dB (A)	Average dB (A)
1	A - Block Area	59.4	64.9	62.2
2	C - Block Area	58.2	68.4	63.3
< End of Report >				
Permissible Limits for Noise Level in dB (A) at Ambient - Day Time				
*TNPCB Standards (Industrial Area)		Maximum : 75.0 dB (A)		
*Reference Method		EPE/SOP/NL/01		
Verified by,		For EN-PROTECT ENGINEERS,		
				
		 02.04.24 Authorized Signatory, (K. Balamurugan) Quality Manager.		
<small>Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test item is not more than 15 days from the date of issue of the test report unless specified by the customer.</small>				

TEST REPORT

REPORT NO :	EPE/190/2024	REPORT DATE :	02.04.2024	
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.			
Sample Description :	Source Noise Level	Sample Code :	EPE : 400 - 404	
Monitoring On :	27.03.2024	Commenced On :	27.03.2024	
Instrument Used :	Sound Level Meter (LUTRON - DSL 4010)	S.No :	Q670216	
S.No.	NAME OF THE LOCATIONS	Day Time		
		Minimum. dB (A)	Maximum. dB (A)	Average dB (A)
1	Diesel Generator Set - 100 KVA at 1.0 mtre. Distance	73.1	74.6	73.9
2	Diesel Generator Set - 380 KVA at 1.0 mtre. Distance	80.9	81.6	81.3
3	Diesel Generator Set - 500 KVA at 1.0 mtre. Distance	79.5	80.7	80.1
4	Diesel Generator Set - I 600 KVA at 1.0 mtre. Distance	82.1	82.6	82.4
5	Diesel Generator Set - II 600 KVA at 1.0 mtre. Distance	80.2	80.5	80.4
< End of Report >				
Permissible Limits for Noise Level in dB (A) at Working Place				
Tamil Nadu Factories Rules - 1950		Maximum : 90.0 dB (A)		
Reference Method		EPE/SOP/NL/01		
Comments : The Above Mentioned Locations Meet the Permissible Limits of Tamil Nadu Factories Rules - 1950				
Verified by, K. Balamurugan		For EN-PROTECT ENGINEERS,  02.04.24 Authorized Signatory, (K. Balamurugan) Quality Manager.		
				
<small>Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test items is not more than 15 days from the date of issue of the test report unless specified by the customer.</small>				

TEST REPORT

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REPORT NO :	EPE/191/2024	REPORT DATE :	02.04.2024
ISSUED TO,	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.		
Sample Description :	Waste Water	Sample Code :	EPE : 405
Sample Collected By :	EN-PROTECT ENGINEERS	Quantity of Sample :	2.0 Litres
Sample Collected On :	27.03.2024	Test Commenced On :	27.03.2024
Sample Received On :	27.03.2024	Test Completed On :	02.04.2024
Sampling Method :	IS 3025 PART 01-1987		

Sampling Mark / Location : Effluent Treated Water - Effluent Treatment Plant (Outlet)

S.No	TEST PARAMETERS	UNIT	TEST METHODS	TEST RESULTS	TNPCB LIMITS
1	pH at 25°C	...	IS 3025 PART 11 - 2022	6.01	5.5 - 9.0
2	Total Suspended Solids (TSS)	mg/l	IS 3025 PART 17 - 2022	8.4	100
3	Total Dissolved Solids (TDS)	mg/l	IS 3025 PART 16 - 1984	497.00	2100
4	Bio Chemical Oxygen Demand - 3 Days @ 27°C	mg/l	IS 3025 PART 44 - 1993	9.20	30.0
5	Chemical Oxygen Demand	mg/l	IS 3025 PART 58 - 2006	35.00	250
6	Chlorides (as Cl)	mg/l	IS 3025 PART 32 - 1988	91.00	1000
7	Sulphates (as SO ₄)	mg/l	IS 3025 PART 24 - 1986	172.00	1000
8	Oil & Grease	mg/l	IS 3025 PART 39 - 1991	BDL (D:L 5.0)	10.0
9	Free Residual Chlorine (as Cl ₂)	mg/l	IS 3025 PART 26 - 2021	BDL (D:L 0.5)	1.0
10	Ammoniacal Nitrogen (as NH ₃ - N)	mg/l	IS 3025 PART 34 - 1988	9.1	50.0
11	Total Kjeldahl Nitrogen (as N)	mg/l	IS 3025 PART 34 - 1988	10.0	100.0
12	Dissolved Phosphorus (as PO ₄)	mg/l	APHA 23 rd Edn 4500 D - 2017	BDL (D:L 0.01)	5.0

BDL - Below Detectable Limit , DL : Detectable Limit

< End of Report >

COMMENTS : The above Parameters within the limits in the given Effluent Treated Water Sample as per TNPCB Standards.

Verified by,

V. Abhi



For EN-PROTECT ENGINEERS,

Authorized Signatory,
(K. Balamurugan)
Quality Manager.

02.04.24

TEST REPORT

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REPORT NO :	EPE/192/2024	REPORT DATE :	02.04.2024
ISSUED TO :	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.		
Sample Description :	Waste Water	Sample Code :	EPE : 406
Sample Collected By :	EN-PROTECT ENGINEERS	Quantity of Sample :	2.0 Litres
Sample Collected On :	27.03.2024	Test Commenced On :	27.03.2024
Sample Received On :	27.03.2024	Test Completed On :	02.04.2024
Sampling Method :	IS 3025 PART 01-1987		

Sampling Mark / Location : Sewage Treated Water - Sewage Treatment Plant (Outlet)

S.No	PARAMETERS	UNIT	TEST METHODS	TEST RESULTS	TNPCB LIMITS
1	pH at 25°C	---	IS 3025 PART 11 - 2022	7.57	5.5 - 9.0
2	Total Suspended Solids	mg/l	IS 3025 PART 17 - 2022	11.00	30.0
3	Total Dissolved Solids	mg/l	IS 3025 PART 16 - 1984	1343.00	---
4	Chlorides (as Cl)	mg/l	IS 3025 PART 32 - 1988	272.00	---
5	Sulphates (as SO ₄)	mg/l	IS 3025 PART 24 - 1986	35.00	---
6	Total Kjeldahl Nitrogen (as N)	mg/l	IS 3025 PART 34 - 1988	52.0	---
7	Ammoniacal Nitrogen (as NH ₃ N)	mg/l	IS 3025 PART 34 - 1988	33.0	---
8	Oil & Grease	mg/l	IS 3025 PART 39 - 1991	BDL (D:L 5.0)	---
9	Chemical Oxygen Demand	mg/l	IS 3025 PART 58 - 2006	52.00	---
10	Bio Chemical Oxygen Demand - 3 Days @ 27°C	mg/l	IS 3025 PART 44 - 1993	15.00	20.0

BDL - Below Detectable Limit , DL : Detectable Limit

< End of Report >

COMMENTS :

The above Parameters within the limits in the given Treated Sewage Water Sample as per TNPCB Standards.
The Treated Sewage Water May use in the Gardening Purpose on Industrial Own Land.

Verified by,

K. Balamurugan






For EN-PROTECT ENGINEERS,

K. Balamurugan
02.04.24
Authorized Signatory,
(K. Balamurugan)
Quality Manager.

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TEST REPORT

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REPORT NO :	EPE/357/2024		REPORT DATE :	02.04.2024	
ISSUED TO :	M/s. G.KUPPUSAMY NAIDU MEMORIAL HOSPITAL, Post Box No. 6327, Nethaji Road, Pappanaickenpalayam, Coimbatore - 641 037.				
Sample Description :	Waste Water	Sample Code :	EPE : 406		
Sample Collected By :	EN-PROTECT ENGINEERS	Quantity of Sample :	2.0 Litres		
Sample Collected On :	27.03.2024	Test Commenced On :	27.03.2024		
Sample Received On :	27.03.2024	Test Completed On :	02.04.2024		
Sampling Method :	IS 3025 PART 01-1987				
Sampling Mark / Location : Sewage Treated Water - Sewage Treatment Plant (Outlet)					
S.No	PARAMETERS	UNIT	TEST METHODS	TEST RESULTS	TNPCB LIMITS
1	Free Ammonia (as NH ₃)	mg/l	IS 3025 PART 34 - 1988	6.50	...
2	Faecal Coliform	MPN/ 100ML	APHA - 9221 - E	27.00	Permissible - 1000 MPN/100 ml
BDL - Below Detectable Limit , DL : Detectable Limit					
< End of Report >					
COMMENTS :					
The above Parameters within the limits in the given Treated Sewage Water Sample as per TNPCB Standards.					
The Treated Sewage Water May use in the Gardening Purpose on Industrial Own Land.					
Verified by,		For EN-PROTECT ENGINEERS,			
					
		 02-04-24 Authorized Signatory, (K. Balamurugan) Quality Manager.			
<small>Note : The test results relate only to the items tested. The test report shall not be reproduced anywhere except in full or part format without the permission of the laboratory. Retention period of test item is not more than 15 days from the date of issue of the test report unless specified by the customer.</small>					