



NN1, NN2, NN4



**NARAYANA
NETHRALAYA**
your faith shall heal you
Super Speciality Eye Hospital &
Post Graduate Institute of Ophthalmology

Date: 28/04/2026

To,
Regional Officer
Karnataka State Pollution Control Board
RO - Bommanahalli,
First Floor, Nisarga Bhavana, Thimmaiah Main Road
7th D Main, 3rd Stage, 2nd block, Shivanagar
OPP. Pushpanjali theatre Basaveshwaranagar
Bangalore - 560010

Subject: SUBMISSION OF BIO MEDICAL DISPOSAL ANNUAL REPORT (FORM-IV)

Dear Sir,
Please find herewith enclosed the Bio Medical Waste Disposal Annual Report (FORM-IV) for the year 2025.

The list of reports are as mentioned below:

1. Maridi agreement copy and treatment certificate
2. Authorisation Form – III
3. Consents for a Water and Air Act
4. Minutes of meeting Copy
5. KPME License Certificate



This is for your kind information and record.

Thanking You,

For NARAYANA NETHRALAYA
Yours Faithfully,

Mr. Rajath Kumar Shetty
Administrator.

Mr. RAJATH KUMAR SHETTY
ADMINISTRATOR
NARAYANA NETHRALAYA
Bannerghatta Road, Bangalore-78

NN-1 : 121/C, Chord Road, Rajajinagar, 1st 'R' Block, Bangalore - 560 010 - INDIA. Tel: Retina / Glaucoma / Uvea : +91-80-66121455, Cataract / Neuro-ophthal : +91-80-66121639, General / Pediatric / Oculoplasty / Cornea : +91-80-66121496, Refractive : +91-80-66121417, Eye Emergency only : +91-9902546046 Fax : +91-80-23377329 Email : infonn1@narayananeethralaya.com

NN-2 : NH Health City (Narayana Hrudayalaya Campus), # 258/A, Bommasandra, Hosur Road, Bangalore-560 099, INDIA
Tel : +91-80-66660655-0658, Fax : +91-80-66660650, Mobile : +91-99028 21128 (Emergency only) Email : infonn2@narayananeethralaya.com

NN-3 : # 1/1, 1st Main Road, Defence Colony, 100 Feet Road, Indiranagar, Bangalore-560 038. Tel : 91-80-66974000-4003, Email - infonn3@narayananeethralaya.com

NN-4 : No. 63, Next to Royal Meenakshi Mall, Bannerghatta Road, Hulimavu, Bangalore-560 076. INDIA. Ph : +91-80-66121618/19, +91-9513522400, +91-9538822400, Email : infonn4@narayananeethralaya.com

www.narayananeethralaya.org

Form - IV
(See rule13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

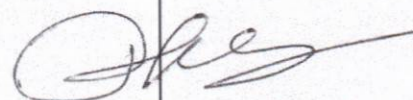
Sl. No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or : operator of facility)	:	Mrs. Rajkamal Shetty
	(ii) Name of HCF or CBMWTF	:	NARAYANA NETHRALAYA
	(iii) Address for Correspondence	:	No:63, Next to Royal Meenakshi Mall, Bannerghatta Road, Hulimavu-560076
	(iv) Address of Facility	:	No:63, Next to Royal Meenakshi Mall, Bannerghatta Road, Hulimavu-560076
	(v) Tel. No, Fax. No	:	080-61222400-403, 080-61222405
	(vi) E-mail ID	:	rajath@narayananeethralaya.com
	(vii) URL of Website	:	www.narayananeethralaya.org
	(viii) GPS coordinates of HCF or CBMWTF	:	Latitude: 12.874519 Longitude: 77.595043
	(ix) Ownership of HCF or CBMWTF	:	Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.:35/PCB/RO/BMN/BMW-2021-22/33/225 Valid up to : One Time Permanent Authorisation
	(xi). Status of Consents under Water Act and Air Act	:	PCB/SEO(WMC)/BMW/2015/H1133 Valid up to : Not required as per KSPCB office memorandum
2.	Type of Health Care Facility	:	Private
	(i) Bedded Hospital	:	No. of Beds: 20
	(ii) Non-bedded hospital	:	-

	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)		
	(iii) License number and its date of expiry	:	BLU05741ALH1B Valid up to: 19 th October 2028
3.	Details of CBMWTF	:	Not Applicable
	(i) Number healthcare facilities covered by CBMWTF	:	-
	(ii) No of beds covered by CBMWTF	:	-
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	- Kg per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	- Kg/day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 1132.9 kg per year
		:	Red Category : 1251.25 kg per year
		:	White: 104.2 kg per year
		:	Blue Category : 201.1 kg per year
		:	General Solid waste: 3921 kg per year
5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the On-site storage facility	:	Size :8.2 feet X 3.6 feet
		:	Capacity : 400 Kgs
		:	Provision of on-site storage : 120 L container for each waste

		Type of treatment	No of units	Capacity Kg/	Quantity equipment treated or disposed day in kg per annum
(ii) Disposal facilities		Incinerators Plasma Pyrolysis Autoclaves Microwave Hydroclave Shredder Needle tip cutter or Sharps encapsulation or Deep burial pits: Chemical disinfection: Any other treatment equipment:		destroyer - concrete pit. -	
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	:	Red Category (like plastic, glass etc.) – Not applicable			
(iv) No of vehicles used for collection and transportation of biomedical waste	:	1 No (Maridi Vechile)			
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Not Applicable			
(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of	:	Maridi Bio Industries Private Limited, No: 8, "SUNAGA ARCADE", 1 st Main, 8 th cross, S. R. Nagar, Bangalore-27			
(vii) List of member HCF not handed over bio-medical waste.	:	-			
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	Yes-Enclosed			
7 Details trainings conducted on BMW					
(i) Number of trainings conducted on BMW Management.	:	04 times a year			

	(ii) number of personnel trained	:	148 (100%)	
	(iii) number of personnel trained at the time of induction	:	148 (100%)	
	(iv) number of personnel not undergone any training so far	:	Nil	
	(v) whether standard manual for training is available?	:	Yes	
	(vi) any other information)	:	-	
8	Details of the accident occurred during the year			
	(i) Number of Accidents occurred	:	None	
	(ii) Number of the persons affected	:	None	
	(iii) Remedial Action taken (Please attach details if any)	:	Nil	
	(iv) Any Fatality occurred, details.	:	Nil	
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	:	Not Applicable	
	Details of Continuous online emission monitoring systems installed	:	Not Applicable	
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Yes, we have met standards at all times	
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	Yes, we have met standards at all times	
12.	Any other relevant information	:	-	

Certified that the above report is for the period from January 2025 to December 2025



Name and Signature of the Head of the Institution

Mr. RAJATH KUMAR SHETTY
ADMINISTRATOR
NARAYANA NETHRALAYA-4
Bannerghatta Road, Bangalore 70

Date: 05.02.2026
Place: Bangalore

Destruction certificate

To,
NARAYANA NETHRALAYA-Hulimavu,
 # 63, Opposite Meenakshi Temple,
 Bannerghatta Road Bangalore Karnataka 560076.

Dear Sir/Madam,

This is to inform you that we have collected following quantity of Bio medical waste from your Center and the same has been treated and disposed as per K.S.P.C.B guidelines.

Average waste collected from your Center for the month of 01.01.2025 to 31.12.2025.

Sl.no	Month	Yellow	Red	Blue	White	Cytotoxic	Covid	Total
		Quantity in kg						
1	Jan 2025	81.70	113.30	16.80	12.35	0.00	0.00	224.15
2	Feb 2025	72.00	87.20	17.50	7.00	0.00	0.00	183.70
3	Mar 2025	87.50	96.00	16.70	7.22	0.00	0.00	207.42
4	Apr 2025	84.00	103.00	15.50	7.20	0.00	0.00	209.70
5	May 2025	104.50	125.00	21.30	11.58	0.00	0.00	262.38
6	Jun 2025	81.00	85.00	14.80	6.20	0.00	0.00	187.00
7	Jul 2025	127.50	129.00	14.50	9.80	0.00	0.00	280.80
8	Aug 2025	92.00	109.00	18.00	9.00	0.00	0.00	228.00
9	Sep 2025	102.00	105.00	17.00	10.60	0.00	0.00	234.60
10	Oct 2025	85.50	106.00	13.00	5.25	0.00	0.00	209.75
11	Nov 2025	123.00	95.00	20.30	10.05	0.00	0.00	248.35
12	Dec 2025	92.20	97.75	15.70	7.95	0.00	0.00	213.60
Total		1132.9	1251.25	201.1	104.2	0	0	2689.45

This is for your kind information

Thanking You,


 Prepared by


 Verified by


 Authorised by

 080-41332958
 080-22103270

Maridi Bio Industries Private Limited

Site Address :
 Plot No. 312-A2 & 312-A2 (Part),
 Road No. 6, Harohalli Industrial Area Phase 2,
 Rama Nagar District-562 112, Karnataka.

CIN No. U9001TG2011PTC072453

E-mail : maridibmw@maridibio.com
 maridiplant@maridibio.com
 website : www.maridibio.com



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MEMORANDUM OF UNDERSTANDING

REG No: 3639

M/s. **Maridi Bio Industries Pvt Ltd.**, having its registered office at No.8, SUNAGA ARCADE, 4th Floor, 1st Main, 8th Cross, S.R.nagar, Bangalore-560027, Phone No: 080-41512958/22103270, Email id: maridibmw@maridibio.com and having Its Plant at Sy.No. 1/37 & 1/38, 35th Milestone, Gabbadi Kaval, Kanakapura Road, Ramanagar District, here in after referred to as, M/s. **Maridi Bio Industries Pvt Ltd.** represented by its Authorized Signatory and M/S **NARAYANA NETHRALAYA - HULIMAVU** having It's hospital At # 63, Opposite Meenakshi Temple, Bannerghatta Road, Hulimavu, Bangalore - 560076., Mob: 9448266381., Email; nn4accounts@narayananeutralaya.com . Here in after refers as M/s **NARAYANA NETHRALAYA - HULIMAVU** here by agreed and come to the Memorandum of Understanding on this 25th Day of December month year 2023 as detailed below:

- M/s. **Maridi Bio Industries Pvt Ltd.** with consent from Karnataka State Pollution Control Board is having a common treatment facility for Managing Bio-Medical Waste in Bangalore rural district at 36th Mil, Stone, and Kanakapura Road. The facility is having a state of art Autoclave system along with the shredder and Incinerator.
- M/s **NARAYANA NETHRALAYA - HULIMAVU** its bio-medical waste, properly packed in color-coded bags as per pollution control Board regulations for treatment and final disposal to M/s. **Maridi Bio Industries Pvt Ltd.** The waste should be given at one single point by the M/s. **NARAYANA NETHRALAYA - HULIMAVU** has at given time of M/s. **Maridi Bio Industries Pvt Ltd.** Vehicle.



Dr. NAREN SHETTY

M.S

Vice Chairman

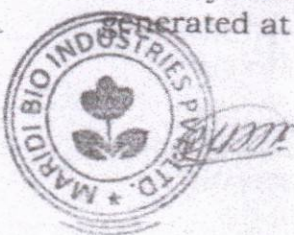
KMC Reg. No. 92005

NARAYANA NETHRALAYA

121/C, Rajaji Nagar

Bangalore-560 010

- c. M/s. **Maridi Bio Industries Pvt Ltd.** will charge a price of **Rs.8.45/- per bed per day only (Rupees Eight rupees forty five paise per bed per day only)** Up to 200 kgs per month, excess quantity will be charged at Rs.38/- per kg. **(GST Extra as applicable)** as agreed for collection, transportation, treatment and final disposal of biomedical waste. This Price will be fixed for a period of two (2) year from date of this agreement and thereafter there will be 12% (Twelve Percent) escalations in the price for every one-year on existing rate.
- d. M/s. **NARAYANA NETHRALAYA - HULIMAVU** will not enter into any agreement with any other party or organization for the waste treatment and disposal unless cancel of this agreement.
- e. M/s. **NARAYANA NETHRALAYA - HULIMAVU** has **20(twenty)** Number of beds. The exact number of beds will be taken from the declaration given to the state authorities.
- f. M/s. **NARAYANA NETHRALAYA - HULIMAVU** assuring that payment should be made through Account Payee Cheque In favour of M/s. **Maridi Bio Industries Pvt Ltd.** on or before 5th of every month.
- g. M/s. **Maridi Bio Industries Pvt Ltd.** is not responsible for any cash payments and will collect cheque bounce charges.
- h. In case of non-receipt of payment on the agreed date from M/s. **NARAYANA NETHRALAYA - HULIMAVU , Maridi Bio Industries Pvt Ltd.**, will stop the collection of waste immediately with intimation to Karnataka State Pollution Control Board. The delayed payments will be collected with an interest of 18% per annum.
- i. M/s. **Maridi Bio Industries Pvt Ltd.** will collect medical waste **Daily (except Sunday)** and treat the waste as per the regulations. M/s. **Maridi Bio Industries Pvt Ltd.** will not collect any waste that is not segregated or not properly packed. M/s. **Maridi Bio Industries Pvt Ltd.** will not collect general garbage.
- j. M/s. **Maridi Bio Industries Pvt Ltd.** will issue a proof of waste collection from M/s. **NARAYANA NETHRALAYA - HULIMAVU** as per your declaration in the application form. This will help the individual hospital for getting compliance with the State Pollution Board. The individual hospital/ Nursing home can take their Authorization from the pollution control board by informing the board that M/s **Maridi Bio Industries Pvt Ltd.** treats their waste (The same has to be mentioned in the Authorization Form).
- k. Maridi is responsible only for the quantity of waste handed over to them by **NARAYANA NETHRALAYA - HULIMAVU** not for all the waste generated at the hospital/clinic/center/diagnostic etc.



Dr. NAREN SHETTY
M.S.

Vice Chairman

KMC Bag. No. 9395

NARAYANA NETHRALAYA

12/C, Rajaji Nagar

- l. In case **NARAYANA NETHRALAYA - HULIMAVU** find any irregularities in collection of waste, they can send a notice in writing to M/s. **Maridi Bio Industries Pvt Ltd.** for immediate action.
- m. M/s **Maridi Bio Industries Pvt Ltd.**, will maintain their plant in good running condition all the time and ensure continuity of service as per agreed with your hospital.
- n. This Memorandum of understanding is entered into on the express understanding that M/s **Maridi Bio Industries Pvt Ltd.** will maintain and run the facilities and collect transport and treat the waste at their plant strictly in accordance with the consent of the Karnataka State Pollution Control Board and it shall be the responsibility to obtain the consent and keep the same always current.
- o. In case of violation of any of the agreed condition of the MOU by either side. Issue of notice may terminate this MOU three months in advance by either party for terminating their respective obligations.
- p. All disputes to this understanding are subject to the Jurisdiction of the court in Bangalore only.
- q. MOU Renewal Charges of Rs.200 Extra for next Year.
- r. This Agreement is effective from 01.01.2024 to 31.12.2025.

For M/S Maridi Bio Industries Pvt Ltd



Authorized Signatory

For M/s **NARAYANA
NETHRALAYA - HULIMAVU**

Authorized Signatory



Dr. NAREN SHETTY
M.S
Vice Chairman
KMC Reg. No. 92005
NARAYANA NETHRALAYA
21/C, Rajaji Nagar
Bangalore-560 010



Form III -[Rule10]
Authorisation for Bio-Medical
Waste Management Rules, 2016

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

Authorization type: CBMWTF
 Authorization No : 344827
 Valid upto: 30-06-2028

(This document contains 1 pages excluding additional conditions)

PCB ID: 22749

INW ID: 213303

Date :21/08/2024

AUTHORIZATION FOR HEALTH CARE FACILITY FOR COLLECTION, GENERATION, TRANSPORTATION, TREATMENT OR PROCESSING OR CONVERSION, DISPOSAL OR DESTRUCTION USE OFFERING FOR SALE, TRANSFER OF BIOMEDICAL WASTES

- Ref:
1. Authorization application submitted by the CBMWTF on 18-11-2023 at Regional Office.
 2. Inspection of the project site/organization by Regional Officer, Ramnagar on 03-06-2024

1. Authorization number and date of issue 344827 and 21-08-2024
2. M/s. Vinaya Kumar PC an occupier or operator of the hospital located at Gabbadi Village, Kanakapura Road is hereby granted an authorization for Activity : Collection, Transportation, Treatment, Disposal
3. M/s. Maridi Bio Industries Private Limited is hereby authorized for handling of biomedical waste as per the capacity given below
 - i. Number healthcare facilities covered by CBMWTF: 4750
 - ii. Installed treatment and disposal capacity: 18000.000 Kg per day
 - iii. Area or distance covered by CBMWTF : 100.000
 - iv. Quantity of Biomedical waste handled, treated or disposed:

Category	Type of Waste	Quantity generated or collected, kg/day	Method of treatment & disposal
Yellow	Human Anatomical Waste	6336.000	Incineration
	Animal Anatomical Waste	1056.000	Incineration
	Soiled Waste	2496.000	Incineration
	Expired or Discarded Medicines	72.000	Incineration
	Chemical Solid Waste	24.000	Incineration
	Chemical Liquid Waste	0.000	To be Treated and Disposed as per BMW rules 2016
	Discarded linen, mattresses, beddings contaminated with blood or body fluid	24.000	Incineration
Red	Microbiology, Biotechnology & other clinical laboratory Waste	672.000	Incineration
	Contaminated Waste (Recyclable)	3000.000	Autoclaving
White Translucent)	Waste sharps including Metals	750.000	Autoclaving
	Blue	Glassware	1750.000
Metallic Body Implants		500.000	Disinfection and sent for recycling



Form III -[Rule10]

Authorisation for Bio-Medical
Waste Management Rules, 2016

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

Authorization type: CBMWTF
Authorization No : 344827
Valid upto: 30-06-2028

(This document contains 2 pages excluding additional conditions)

4. This authorisation shall be in force for a period upto 30-06-2028 from the date of issue.
5. This authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment(Protection)Act, 1986.

Terms and conditions of authorization *

1. The applicant/authorisation shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. This authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the prescribed authority.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the prescribed authority.
4. Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
5. It is the duty of the authorised person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
6. Applicant shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with the BMW rules.
7. Applicant shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the Bio-Medical Waste Management Rules, 2016.
8. Applicant shall ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in the BMW rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I of the Bio-Medical Waste Management Rules, 2016.
9. Applicant shall Pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDs Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal;
10. Applicant shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of the B MW rules;
11. Applicant shall dispose of solid waste other than bio-medical waste in accordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time;
12. Applicant shall not to mix treated/untreated bio-medical waste with municipal solid waste;
13. Applicant shall provide training to all its health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year and the details of training programmes conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report;
14. Applicant shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunisation Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time;
15. Applicant shall establish Bar- Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose;
16. Applicant shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralisation prior to mixing with other effluent generated from health care facilities;
17. Applicant shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974);



Form III -[Rule10]

Authorisation for Bio-Medical
Waste Management Rules, 2016

Authorization type: CBMWTF
Authorization No : 344827
Valid upto: 30-06-2028

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

(This document contains 3 pages excluding additional conditions)

18. Applicant shall ensure occupational safety of all its health care workers and others involved in handling of biomedical waste by providing appropriate and adequate personal protective equipments;
19. Applicant shall conduct health check up at the time of induction and at least once in a year for all its health care workers and others involved in handling of bio- medical waste and maintain the records for the same;
20. Applicant shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I the Bio-Medical Waste Management Rules, 2016;
21. Applicant shall report major accidents including accidents caused by fire hazards, blasts during handling of biomedical waste and the remedial action taken and the records relevant thereto, (including nil report) in Form I to the prescribed authority and also along with the annual report;
22. Applicant shall make available the annual report on their web-site and all the health care facilities;
23. Applicant shall inform the prescribed authority immediately in case the operator of a facility does not collect the bio-medical waste within the intended time or as per the agreed time;
24. Applicant shall establish a system to review and monitor the activities related to bio-medical waste management, either through an existing committee or by forming a new committee and the Committee shall meet once in every six months and the record of the minutes of the meetings of this committee shall be submitted along with the annual report to the prescribed authority and the healthcare establishments having less than thirty beds shall designate a qualified person to review and monitor the activities relating to bio-medical waste management within that establishment and submit the annual report;
25. Applicant shall maintain all record for disposal of biomedical waste for a period of five years;
26. The applicant shall immediately adopt bar coding system for Bio medical waste
27. The applicant shall update COVID Bio Medical Waste data in CPCB tracking software at bmw.cpbccr.com/#/p/login.

B. Specific instruction:

Additional Conditions:

1)This authorization is issued after prior approval of Member Secretary for the period upto 30.06.2028 with conditions. 2)The Occupier shall comply with all the conditions prescribed in the ANNEXURES attached herewith and submit compliance.

FOR AND ON BEHALF OF
KARNATAKA POLLUTION CONTROL BOARD

CHIEF/ SENIOR ENVIRONMENTAL OFFICER

COPY TO:

1. The Environmental Officer, KSPCB, Regional Office, Ramanagar for information and to inspect the HCF during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.



Form III -[Rule10]
Authorisation for Bio-Medical
Waste Management Rules, 2016

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

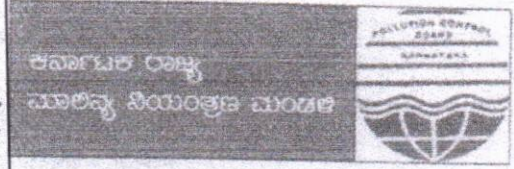
Authorization type: CBMWTF
Authorization No : 344827
Valid upto: 30-06-2028

(This document contains 4 pages excluding additional conditions)

Signature Not Verified
Digitally signed by
Date: 2024.08.21 15:23:50
+05:30

Office of the Regional Officer
Karnataka State Pollution Control Board
Bengaluru Bommanahalli
"NISARGA BHAVAN" 2nd Floor
Thimmaiah Road, 7th 'D' Main, Shivanagar.
Opp. Pushpanjali Theatre, Basaveshwaranagar,
Bengaluru -560 010
e-mail ID-bommanahalli@kspcb.gov.in

ಸ್ವರೇಷಿತ ಅಧಿಕಾರಿಯವರ ಕಛೇರಿ
ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಲ
ಬೆಂಗಳೂರು ಬೊಮ್ಮನಹಳ್ಳಿ
"ನಿಸರ್ಗ ಭವನ", ೭ನೇ ಅಂಚು, ಶಿವನಗರ ರಸ್ತೆ,
೭ನೇ 'ಡಿ' ಮುಖ್ಯ ರಸ್ತೆ, ಶಿವನಗರ, ಬಸವೇಶ್ವರನಗರ,
ಬಾಸವೇಶ್ವರನಗರ ಜಿಲ್ಲಾಮಂಟರಂ ಎದುರು, ಬೆಂಗಳೂರು
Phone : (0) 080 -23221552



towards a cleaner Karnataka

**FORM -III
(See rule 10)
AUTHORISATION**

(Authorization for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of biomedical wastes)

Authorization No. ³⁵ / PCB/RO/BMN/ BMW- 2021-22/33/ ²²⁵

03 JUL 2021

Date:

1. M/s. Narayana Nethralaya is a healthcare facility located No.63, Opposite Meenakshi Temples, Bannerghatta Road, Hulimavu, Bangalore-560076 is hereby granted an authorization for ;

Activity	Please Tick
Generation, Segregation	✓
Collection	✓
Storage	✓
Packaging	✓
Reception	✓
Transportation	--
Treatment or Processing or conversion	--
Recycling	--
Disposal or destruction	--
Use	--
Offering for sale, transfer	--
Any other form of handling	--

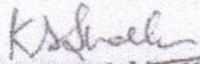
- 2 M/s. Narayana Nethralaya is hereby authorized for handling of Biomedical waste as per the capacity given below;

- Number of beds of HCF: 20 Numbers
- Quantity of Biomedical waste handled, treated or disposed 5.78 Kgs/Day

Cat. No (1)	Waste category Type(2)	Quantity generated/ collected. Kg/ day	Treatment & disposal method(4)
Yellow	a) Human Anatomical Waste:	2.91 Kgs /day	The Clinic shall hand over the wastes of this category to CBMWTF
	(b) Animal Anatomical Waste :		
	c) Soiled Waste:		
	d) Expired or Discarded Medicines:		
	e) Chemical Solid Waste:		
	f) Chemical Liquid Waste :		
	g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.		
	(h) Microbiology, Biotechnology and other clinical laboratory waste:		
Red	Contaminated Waste (Recyclable)	1.9 Kgs /day	The Clinic shall hand

			over the wastes of this category to CBMWTF
White (Translucent)	Waste sharps including Metals	0.31 Kg /day	The Clinic shall hand over the wastes of this category to CBMWTF
Blue	Glassware :	0.66 Kg /day	The Clinic shall hand over the wastes of this category to CBMWTF
	Metallic Body Implants		

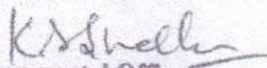
4. This is a onetime permanent authorization issued as per the Biomedical Waste Management Rules 2016 notified by Government of India, Ministry of Environment, Forest & Climate Change, New Delhi Dtd: 28th March 2016.
5. This authorization is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.


Environmental Officer
RO-Bommanahalli

To,
M/s. Narayana Nethralaya
No.63, Opposite Meenakshi Temples,
Bannerghatta Road, Hulimavu,
Bangalore-560076

Terms and Conditions Of Authorization

1. The applicant 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 the prescribed authority (Karnataka State Pollution Control Board)
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the prescribed authority.
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.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
6. The applicant shall file Annual report in the Form - IV on or before 30th June every year for the period from January to December of the preceding year w.r.t details of Bio medical Waste Storage, Treatment, Transportation, Processing and Disposal Facility.
7. The applicant shall immediately report to the Board of any accident.
8. The applicant shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with rules.
9. The applicant shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I, to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I.
10. The applicant shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDs Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal; if any.
11. The applicant shall phase out use of chlorinated plastic bags, gloves and blood bags within two years from the date of notification of these rules.
12. The applicant shall dispose of solid waste other than bio-medical waste in accordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time
13. The applicant shall provide training to all its health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter at least once every year and the details of training program conducted, number of personnel trained and number of personnel not undergone any training shall be provided in the Annual Report.
14. The applicant shall immunize all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunization Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time.
15. The applicant shall establish a Bar- Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose within one year from the date of the notification of these rules.


Environmental Officer
RO-Bommanahalli

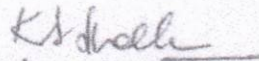
16. The applicant shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other effluent generated from health care facilities, if any.
17. The applicant shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974). The treated effluents shall conform to the standards for discharge of liquid wastes as mentioned below.

STANDARDS FOR DISCHARGE OF LIQUID WASTE

Sl. No.	Parameters	Permissible units
01	pH	6.5- 9.0
02	Suspended solids	100mg/l
03	Oil & grease	10mg/l
04	BOD	30mg/l
05	COD	250mg/l
06	Bio-assay test	90%Survival of fish after 96 hours in 100% effluent

Note: Sludge from effluent treatment plant shall be disposed to common Bio medical wastes treatment facility for incineration or to hazardous waste treatment, storage and disposal facility.

18. The applicant shall ensure occupational safety of all its health care workers and others involved in handling of biomedical waste by providing appropriate and adequate personal protective equipments;
19. The applicant shall conduct health check up at the time of induction and at least once in a year for all its health care workers and others involved in handling of bio- medical waste and maintain the records for the same;
20. The applicant shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I;
21. The applicant shall report major accidents including accidents caused by fire hazards, blasts during handling of biomedical waste and the remedial action taken and the records relevant thereto, (including nil report) in Form I to the prescribed authority and also along with the annual report to Regional Office, Bommanahalli.
22. The applicant shall make available the annual report on its web-site and all the health care facilities shall make own website within two years from the date of notification of these rules.
23. The applicant shall inform the prescribed authority immediately in case the operator of a facility does not collect the bio-medical waste within the intended time or as per the agreed time;
24. The applicant shall designate a qualified person to review and monitor the activities relating to bio-medical waste management within that establishment and submit the annual report.
25. The applicant shall display Charter on implementation of Bio-Medical Waste (M&H) Rules to the public in the hospital.
26. The applicant shall display this authorization at a prominent place like reception / entrance Etc.,
27. The agreement copy with M/s. Maridi Eco Industries Pvt Ltd to handle BMW waste is valid upto 31.10.2021. After the date of expiry, you are hereby informed to submit the renewal of agreement copy to handle the BMW waste. Failing which BMW authorization issued will be withdrawn.


 Environmental Officer
 RO-Bommanahalli

Schedule I


[See rules 3 (e), 4(b), 7(1), 7(2), 7(5), 7 (6) and 8(2)]

Part-I

Biomedical wastes categories and their segregation, collection, treatment, processing and disposal options

Category	Type of Waste	Type of Bag or Container to be used	Treatment and Disposal options
(1)	(2)	(3)	(4)
Yellow	a) Human Anatomical Waste:	Yellow coloured non-chlorinated plastic bags	Incineration or Plasma Pyrolysis or deep burial.
	(b) Animal Anatomical Waste :		Incineration or Plasma Pyrolysis or deep burial. In absence of above facilities, autoclaving or micro-waving/ hydroclaving followed by shredding or mutilation or combination of sterilization and shredding. Treated waste to be sent for energy recovery.
	c) Soiled Waste:		
	d) Expired or Discarded Medicines:	Yellow coloured non-chlorinated plastic bags or containers	Expired cytotoxic drugs and items contaminated with cytotoxic drugs to be returned back to the manufacturer or supplier for incineration at temperature >1200 °C or to common bio-medical waste treatment facility or hazardous waste treatment, storage and disposal facility for incineration at >1200°C Or Encapsulation or Plasma Pyrolysis at >1200°C.
	e) Chemical Waste:	Yellow coloured containers or non-chlorinated plastic bags	All other discarded medicines shall be either sent back to manufacturer or disposed by incineration.
	f) Chemical Liquid Waste :	Separate collection system leading to effluent treatment system	Disposed of by incineration or Plasma Pyrolysis or Encapsulation in hazardous waste treatment, storage and disposal facility.
	g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	Non-chlorinated yellow plastic bags or suitable packing material	After resource recovery, the chemical liquid waste shall be pre-treated before mixing with other wastewater. The combined discharge shall conform to the discharge norms given in Schedule-III.
		Non-chlorinated chemical disinfection followed by incineration or Plasma Pyrolysis or for energy recovery.	
		In absence of above facilities.	

Category	Type of Waste	Type of Bag or Container to be used	Treatment and Disposal options
			shredding or mutilation or combination of sterilization and shredding. Treated waste to be sent for energy recovery or incineration or Plasma Pyrolysis.
	(h) Microbiology, Biotechnology and other clinical laboratory waste:	Autoclave safe plastic bags or containers	Pre-treat to sterilize with non-chlorinated chemicals on-site as per National AIDS Control Organization or World Health Organization guidelines thereafter for incineration.
Red	Contaminated Waste (Recyclable)	Red coloured non-chlorinated plastic bags or containers.	Autoclaving or micro-waving hydroclaving followed by shredding or mutilation or combination of sterilization and shredding. Treated waste to be sent to registered or authorized recyclers or for energy recovery or plastics to diesel or fuel oil or for road making, whichever is possible. Plastic waste should not be sent to landfill sites.
White (Translucent)	Waste sharps including Metals	Puncture proof, Leak proof, tamper proof containers	Autoclaving or Dry Heat Sterilization followed by shredding or mutilation or encapsulation in metal container or cement concrete. combination of shredding cum autoclaving; and sent for final disposal to iron foundries (having consent to operate from the State Pollution Control Boards or Pollution Control Committees) or sanitary landfill or designated concrete waste sharp pit.
Blue	a) Glassware	Cardboard boxes with blue colored marking	Disinfection (by soaking the washed glass waste after cleaning with detergent and Sodium Hypochlorite Treatment) or through autoclaving or microwaving or hydroclaving and then sent for recycling.
	b) Metallic Body Implants		


 Environmental Officer
 RO-Bommanhalli

SCHEDULE IV
[See rule 8(3) and (5)]
Part A

LABEL FOR BIO-MEDICAL WASTE CONTAINERS/BAGS

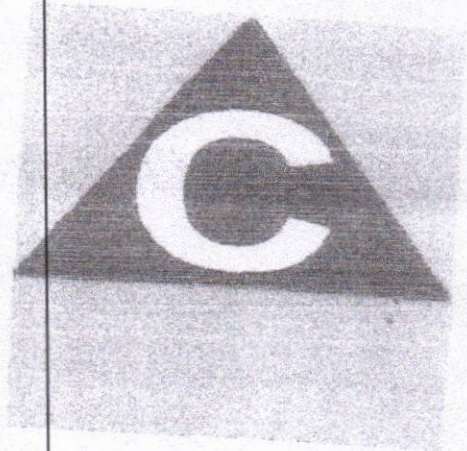
BIOHAZARD SYMBOL



HANDLE WITH CARE

Note: Label shall be non-washable and prominently visible.

CYTOTOXIC HAZARD SYMBOL



HANDLE WITH CARE

KSS Naik
Environmental Officer
RO-Bommanhalli

1999 9 29



Karnataka State Pollution Control Board

Zonal Office : Dharwad,
Ground Floor, Plot No.4, Lakkamanahalli Industrial
Area,P.B.Road,Dharwad-580004

Tele : 0836-2462918

Consent For Operation(CFO-Air, Water)

As per the provisions of
The Water (Prevention & Control of Pollution) Act, 1974
&
The Air (Prevention & Control of Pollution) Act, 1981

To

Special Oils , Kalgatagi-Tq, Dharwad-Dist.

for the Facility located at,
Special Oils ,Sy.No. 202/2, Kuruvinakoppa-581204, Post Gudihal ,Kalgatagi-Tq,
Dharwad-Dist.
Dharwad

Consent Order No	PCBID	INW ID	Industry Colour/Scale	Date of Issue
AW-333862	12570	169216	ORANGE/SMALL	14/10/2022

This Consent is granted for the Products/ Activity/Service name indicated
in the annexure along with the terms & conditions attached to this order

Validity through : 01/07/2022 to 30/09/2030

Combined Consent Order No: AW-333862 PCB ID: 12570 Date: 14/10/2022

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

- Ref: 1. Application filed by the industry / organization on 01/08/2022
2. Inspection of the Industry/organization/by RO, on 27/09/2022

Consent is hereby granted under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (here in referred to as the Air Act) and the Rules and Orders made there under and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

The Occupier is authorized to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below:

Location:

Name of the Industry: Special Oils
Address: Sy.No. 202/2, Kuruvinakoppa-581204, Post Gudihal, Kalgatagi-Tq, Dharwad-Dist.
Industrial Area: Not In I.A, KURUVINAKOPPA,
Taluk: Kalghatgi, District: Dharwad

Discharge of effluents under the Water Act:

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Agriculture	1.000	1.000	for gardening 0.5 acre
2	Cooling Water	0.400	0.000	cooling water recycled and re-used during process
3	Domestic Purpose	0.200	0.200	toilets and canteen
4	Manufacturing Processes	0.400	0.400	recycled and re-used

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

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

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

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty	Unit
1	procurement and re refining/recycling of used oil	120.0000	Kilo Litres/month

This consent is valid for the period from 01/07/2022 to 30/09/2030

To,

Special Oils
Kuruvinakoppa, Post Gudihal, Kalgatagi-Tq,
Dharwad-Dist

NOTE:

The following Conditions Nil mentioned above are not applicable.

COPY TO:

1. The Regional Officer, Dharwad for information and necessary action.
2. Master Register.
3. Case file.

Consent Fee paid : Rs 72000

SCHEDULE

TERMS AND CONDITIONS

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

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-1.
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

(This document contains 8 pages including annexure & excluding additional conditions)

Additional Conditions:

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(This document contains 8 pages including annexure & excluding additional conditions)

4. The occupier shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The occupier shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The Occupier shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in Annexure-II where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.
2. The occupier shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The Occupier shall upgrade/modify/replace the control equipment with prior permission of the Board.

C. MONITORING & REPORTING:

1. The occupier shall get the samples of effluents & emissions collected and get them analyzed once a month for the parameters.

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

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

E. NOISE POLLUTION CONTROL:

The applicant shall ensure that the ambient noise levels within its premises during construction and during operational period shall not exceed w.r.t Area/Zone as per Noise Pollution (Regulation and Control) Rules, 2000 as mentioned below:-

- a) In Industrial Area 75 dB(A) Leq during day time and 70 dB(A) Leq during night time.
- b) In Commercial Area 65 dB(A) Leq during day time and 55 dB(A) Leq during night time.
- c) In Residential Area 55 dB(A) Leq during day time and 45 dB(A) Leq during night time.
- d) In Silence Zone 50 dB(A) Leq during day time and 40 dB(A) Leq during night time.

Note: - * Day time shall mean 6 am to 10 pm and Night time shall mean 10 pm to 6 am.

- * dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.
- * A "decibel" is a unit in which noise is measured.
- * "A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
- * Leq: It is an energy mean of the noise level over a specified period.

F. GENERAL CONDITIONS:

1. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
2. The Occupier shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
3. The Occupier shall provide alternative power supply sufficient to operate all Pollution control equipments.
4. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
5. The Occupier shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
6. The Occupier his heirs, legal representatives or assigns shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
7. The Occupier shall make an application for consent at least 45 days before expiry of this consent.
8. The occupier shall maintain register recording the ambient air quality and stack monitoring. The register shall be open for inspection by the Board Officers at all time.

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

Annexure-II

Chim. No.	Chimney attached to	KVA Rating/ Capacity	Minimum chimney height to be provided above ground level (in Mtr)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date on which pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Fuel Heater (Thermic)	Thermic Fluid Heater (Furnace oil / LDO)	14	PM, SO ₂ , NO _x	150, 120, 12 0.00, 00	HLS	—

Note:

HLS : Heater/Furnace-Low Sulphur Fuel

Note:

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

LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

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

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

2. The diameter of the sampling port should not be less than 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.

For and on behalf of the
Karnataka State Pollution Control Board

Signature Not Verified

Digitally signed by
Date: 2022.10.14 16:46:38
+05:30

ಫ್ಯಾಕ್ಸ್ / Fax : 080-25586321
ಈಮೇಲ್ / E-mail : ho@kspcb.gov.in
ವೆಬ್‌ಸೈಟ್ / Website : http://kspcb.gov.in



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25588151, 25588270
25588142, 25586520

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

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

NO.PCB/SEO(WMC)/BMW/ 2015/141133

Dt: 27.10.2015

To,
The Proprietor,
M/s. Narayana Nethralaya,
NO. 63, Opp. to Meenakshi temple,
Bannerghataa Road,
Hulimavu, Bangalore- 76

Sub.: Issue of Consent for Establishment to M/s. Narayana Nethralaya, NO. 63, Opp. to Meenakshi temple, Bannerghataa Road, Hulimavu, Bangalore- Reg.

Ref.: 1. Your consent application received at Head Office on 14.10.2015.
2. Inspection of your unit by MO, Bangalore West on 20.10.2015.
3. Circular No.PCB/BIO-M/01/3065, Dt: 05.04.2014.

With reference to the above, you have made an application for seeking Consent for Establishment vide ref.(1). Same was forwarded to this office with inspection report vide ref(2). As per circular under reference (3), all Health Care Establishments (HCEs) with 50 beds & above are to be covered under the consent mechanism of Water and Air Act. Since your bed strength is less than 50, consent is not required. Hence, the application submitted by you vide reference(1) is herewith returned.

SENIOR ENVIRONMENTAL OFFICER(WMC)



Government of Karnataka

Department of Health and Family Welfare Services

District Registration and Education Technical Authority

Bengaluru Urban



CERTIFICATE OF REGISTRATION

This is to certify that **SANTARSHA HEALTHCARE** located at **A-53, Next to Mysuru City, Hennahalli Road** (Address) owned by **Ms. Rajashree Singh** has been granted registration as under **Karnataka Private Medical Establishment (Amended) Act 2018** and **Rules 2018** and is registered for providing medical services as a **General Practitioner** under **AYUSH** system of medicine.

Reg No:

Date of Issue:

Valid Till:

Place:

Signature valid

Digitally signed by
Date: 2023.03.15 15:35:39
+05:30

Member, Signature and Seal: **Ms. Rajashree Singh**
District Registration and Education Technical Authority
Bengaluru Urban
Bengaluru Urban

Handwritten signature



POLLU TECH AIDS

(Air & Water Pollution Control Consultants and Turnkey Contractors)

Recognized by MOEF & CC Under Environment (Protection) Act, 1986

NABL Accredited Testing Lab as per ISO/IEC 17025:2017

OHSMS Certified Lab as per ISO 45001:2018

Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com


Date: 01/04/2025

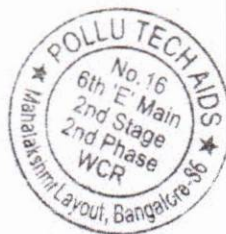
AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560076
Date of Sampling	Mar 26 th , 2025
Sampled by	Dadapeer T L
Sample ID	2389 - 6/N

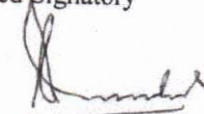
Sl. No.	Point No.	Sample Location	Time	Results in dB	Standard Limits in dB (A) Leq
01	01	DG Set 250 KVA (When On) (When Off)	12.20 PM 12.30 PM	66.8 52.0	75
02	02	DG Set 62.5 KVA (When On) (When Off)	12.45 PM 12.55 PM	62.3 51.7	75

- Note: 1. The results refer only to the tested samples and applicable parameter.
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Authorized Signatory


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NABL Accredited Testing Lab as per ISO/IEC 17025:2017
OHSMS Certified Lab as per ISO 45001:2018

Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 01/04/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 250 KVA
Date of Sampling	Mar 26 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Mar 27 th , 2025
Sample ID	2389 - 2/E

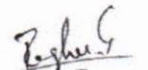
General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	69 ^o C
Ambient Temperature	29 ^o C
Velocity of Flue Gas	13.1 m/s

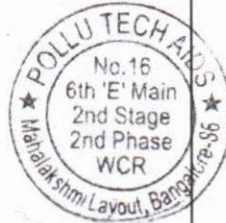
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	45.1	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	376.8	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.017	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	12.3	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	20.5	No Limit

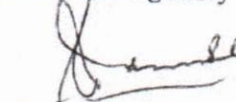
- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
4. This Test Report shall not be reproduced without written permission of the laboratory.


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Date: 01/04/2025

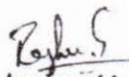
ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Company : M/s Narayana Nethralaya
2. Address : NN - 4: No. 63, Next to Meenakshi mall,
Bannerghatta Road, Hulimavu,
Bangalore - 560 076
3. Name of the Location : Near Main Gate
4. Sample Collected by : Dadapeer T L & Shivanna
5. Date of Collection : Mar 26th, 2025
6. Particulars of sample collected : PM₁₀, NO₂, SO₂
7. Date of Analysis : Mar 27th, 2025
8. Sample ID : 2389 - 1/A

Results:

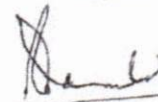
Sl. No.	Parameters	Protocol	Units	Results	Standard Limits
01	PM ₁₀	IS 5182 (part 23)	µg/m ³	33.8	100 µg/m ³
02	Sulphur dioxide	IS 5182 (part 2)	µg/m ³	9.0	80 µg/m ³
03	Nitrogen dioxide	IS 5182 (part 6)	µg/m ³	16.2	80 µg/m ³

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
4. This Test Report shall not be reproduced without written permission of the laboratory.


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Off. 080-23492130, 080-29550488, E-mail : drrpdbal@gmail.com

Date: 01/04/2025

ANALYSIS REPORT OF SEWAGE WATER SAMPLE

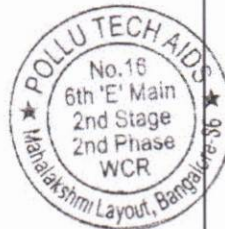
Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Sewage Water Sample
Sample Received on	Mar 26 th , 2025
Date of Commencement	Mar 26 th , 2025
Date of Completion	Apr 01 st , 2025
Sample ID	2389 - 5/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.4	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	12.9	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.2	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	6.0	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	24	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

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Date: 01/04/2025

ANALYSIS REPORT OF OPERATION THEATRE WATER SAMPLE

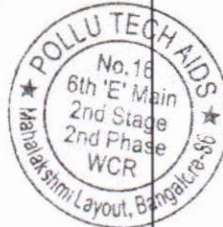
Name of the Company	M/s Narayana Nethralaya
Address	NN – 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore – 560 076
Sample Particulars	Operation Theatre Water Sample
Sample Received on	Mar 26 th , 2025
Date of Commencement	Mar 26 th , 2025
Date of Completion	Apr 01 st , 2025
Sample ID	2389 – 4/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.1	6.5 – 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	19.6	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.4	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	14.1	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	68	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

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Off. 080-23492130, 080-29550488, E-mail : drpdambal@gmail.com

Date: 01/04/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 62.5 KVA
Date of Sampling	Mar 26 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Mar 27 th , 2025
Sample ID	2389 - 3/E

General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	40 ^o C
Ambient Temperature	29 ^o C
Velocity of Flue Gas	10.6 m/s

Results:

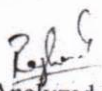
Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	23.0	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	293.8	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.007	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	5.2	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	9.8	No Limit

Note: 1. This certificate is related only to the sample tested.

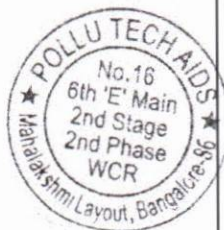
2. Sample Analysis done as per BIS method.

3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.

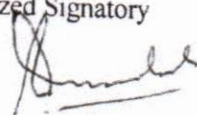
4. This Test Report shall not be reproduced without written permission of the laboratory.

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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 16/06/2025

ANALYSIS REPORT OF SEWAGE WATER SAMPLE

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Sewage Water Sample
Sample Received on	June 10 th , 2025
Date of Commencement	June 11 th , 2025
Date of Completion	June 16 th , 2025
Sample ID	2424 - 5/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.0	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	15.4	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.3	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	7.5	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	32	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

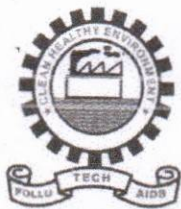
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OHSMS Certified Lab as per ISO 45001:2018

Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 16/06/2025

ANALYSIS REPORT OF OPERATION THEATRE WATER SAMPLE

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Operation Theatre Water Sample
Sample Received on	June 10 th , 2025
Date of Commencement	June 11 th , 2025
Date of Completion	June 16 th , 2025
Sample ID	2424 - 4/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.6	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	24.2	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.5	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	18.0	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	84	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

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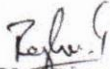
Date: 16/06/2025

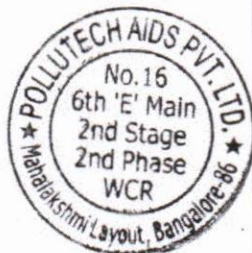
AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560076
Date of Sampling	June 10 th , 2025
Sampled by	Dadapeer T L
Sample ID	2424 - 6/N


Sl. No.	Point No.	Sample Location	Time	Results in dB	Standard Limits in dB (A) Leq
01	01	DG Set 250 KVA (When On) (When Off)	12.45 PM 12.48 PM	69.1 54.4	75
02	02	DG Set 62.5 KVA (When On) (When Off)	12.54 PM 12.59 PM	60.2 52.5	75

- Note: 1. The results refer only to the tested samples and applicable parameter.
2. This Test Report shall not be reproduced without written permission of the laboratory


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OHSMS Certified Lab as per ISO 45001:2018

Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 16/06/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 62.5 KVA
Date of Sampling	June 10 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	June 11 th , 2025
Sample ID	2424 - 3/E

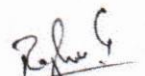
General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	44 ^o C
Ambient Temperature	27 ^o C
Velocity of Flue Gas	8.8 m/s

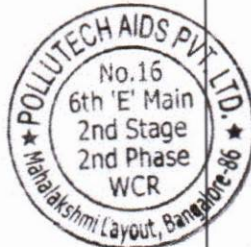
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	19.6	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	239.8	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.005	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	6.0	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	8.7	No Limit

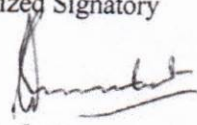
- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
4. This Test Report shall not be reproduced without written permission of the laboratory.

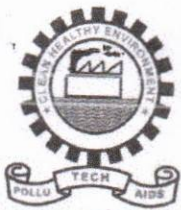

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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 16/06/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshimall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 250 KVA
Date of Sampling	June 10 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	June 11 th , 2025
Sample ID	2424 - 2/E

General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	62 ^o C
Ambient Temperature	27 ^o C
Velocity of Flue Gas	12.6 m/s

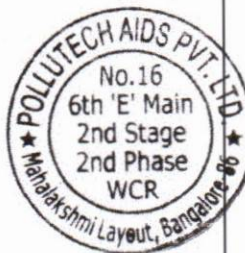
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	38.4	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	325.0	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.012	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	10.4	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	16.8	No Limit

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
4. This Test Report shall not be reproduced without written permission of the laboratory.

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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 16/06/2025

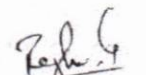
ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Company : M/s Narayana Nethralaya
2. Address : NN-4: No. 63, Next to Meenakshi mall,
Bannerghatta Road, Hulimavu,
Bangalore - 560 076
3. Name of the Location : Near Main Gate
4. Sample Collected by : Dadapeer T L & Shivanna
5. Date of Collection : June 10th, 2025
6. Particulars of sample collected : PM₁₀, NO₂, SO₂
7. Date of Analysis : June 11th, 2025
8. Sample ID : 2424 - 1/A

Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard Limits
01	PM ₁₀	IS 5182 (part 23)	µg/m ³	30.5	100 µg/m ³
02	Sulphur dioxide	IS 5182 (part 2)	µg/m ³	7.8	80 µg/m ³
03	Nitrogen dioxide	IS 5182 (part 6)	µg/m ³	13.1	80 µg/m ³

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
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Analyzed by


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Authorized Signatory


Dr. R. P. Dambal



POLLU TECH AIDS

(Air & Water Pollution Control Consultants and Turnkey Contractors)

(NABL Accredited Testing Lab as per ISO/IEC 17025:2017)
(OHSMS Certified Lab as per ISO 45001:2018)

Off. 080-23492130, 080-29550488. E-mail : drprpdambal@gmail.com

Our GST No.: 29AGEPD9405C1ZP

PAN No.: AGEPD9405

SAC Code: 998346

PTA/NN-4/046/2025-26

To,
M/s Narayana Nethralaya,
NN - 4: No. 63, Next to Meenakshi mall,
Bannerghatta Road, Hulimavu,
Bangalore - 560 076
GST No.: 29AAQFN7449C1ZS

Dt: June 16th, 2025

SERVICE BILL - 046

Sl. No.	Particulars	Qty/unit	Rate	Amount in (Rs.)
1.	Our charges for collection of Stack Air Sample on June 10 th , 2025 and analysis of the same	02	1,450.00	2,900.00
2.	Our charges for collection of Ambient Air sample on June 10 th , 2025 and analysis of the same.	01	2,050.00	2,050.00
3.	Charges for collection of Operation theatre Water & Sewage Water on June 10 th , 2025 and analysis of the same.	02	1,500.00	3,000.00
4.	Charges for Noise monitoring for which includes during daytime in LEQ DB.	02	200.00	400.00
5.	Sub Total			8,350.00
6.	CGST @ 9% on S.L. No. 5			751.50
7.	SGST @ 9% on S.L. No. 5			751.50
8.	Total			9,853.00

Rupees Nine Thousand Eight Hundred and Fifty-three only

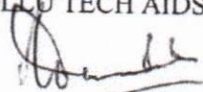
Bank details: A/c Name: POLLU TECH AIDS A/c No: 1122000100042601 IFSC: KARB0000112
Karnataka Bank Ltd., Mahalakshmpuram Branch, Bangalore - 560086

- Note: 1. Our MoEF Accredited Laboratory Monitoring Reports are enclosed for the Month of June - 2025.
2. The royalty /analysis charges may be increased in due course; we will inform you before increase.
3. Kindly organize to send the cheque / NEFT at your earliest.

Thanking You,



Yours faithfully
For POLLU TECH AIDS


Dr. R.P. Dambal
(C.E.O)



POLLUTECH AIDS PVT. LTD.,

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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 11/09/2025

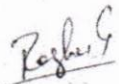
ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Company : M/s Narayana Nethralaya
2. Address : NN - 4, No. 63, Next to Meenakshi mall,
Bannerghatta Road, Hulimavu,
Bangalore - 560 076
3. Name of the Location : Near Main Gate
4. Sample Collected by : Dadapeer T L & Shivanna
5. Date of Collection : Sept 04th, 2025
6. Particulars of sample collected : PM₁₀, NO₂, SO₂
7. Date of Analysis : Sept 05th, 2025
8. Sample ID : 2463 - 1/A

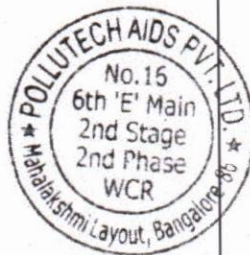
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard Limits
01	PM ₁₀	IS 5182 (part 23)	µg/m ³	38.6	100 µg/m ³
02	Sulphur dioxide	IS 5182 (part 2)	µg/m ³	11.1	80 µg/m ³
03	Nitrogen dioxide	IS 5182 (part 6)	µg/m ³	19.5	80 µg/m ³

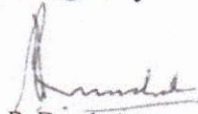
- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS method.
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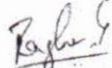
Date: 11/09/2025

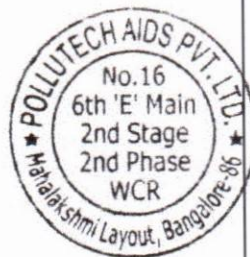
AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560076
Date of Sampling	Sept 04 th , 2025
Sampled by	Dadapeer T L
Sample ID	2463 - 6/N

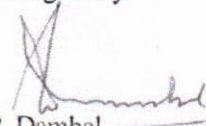
Sl. No.	Point No.	Sample Location	Time	Results in dB	Standard Limits in dB (A) Leq
01	01	DG Set 250 KVA (When On) (When Off)	12.15 PM 12.20 PM	67.6 53.2	75
02	02	DG Set 62.5 KVA (When On) (When Off)	12.30 PM 12.35 PM	62.5 51.9	75

- Note: 1. The results refer only to the tested samples and applicable parameter.
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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 11/09/2025

ANALYSIS REPORT OF SEWAGE WATER SAMPLE

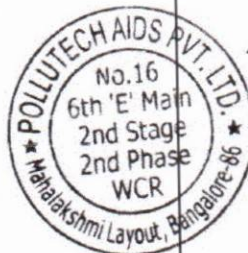
Name of the Company	M/s Narayana Nethralaya
Address	NN – 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore – 560 076
Sample Particulars	Sewage Water Sample
Sample Received on	Sept 04 th , 2025
Date of Commencement	Sept 04 th , 2025
Date of Completion	Sept 11 th , 2025
Sample ID	2463 – 5/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.2	6.5 – 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	11.3	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.2	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	5.4	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	20	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
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Off. 080-23492130, 080-29550488, E-mail : drdpdambal@gmail.com

Date: 11/09/2025

ANALYSIS REPORT OF OPERATION THEATRE WATER SAMPLE

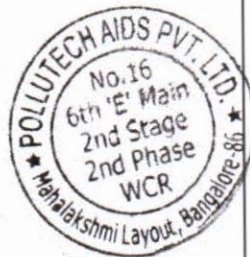
Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Operation Theatre Water Sample
Sample Received on	Sept 04 th , 2025
Date of Commencement	Sept 04 th , 2025
Date of Completion	Sept 11 th , 2025
Sample ID	2463 - 4/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.4	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	19.9	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.4	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	13.2	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	72	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
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Date: 11/09/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 62.5 KVA
Date of Sampling	Sept 04 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Sept 05 th , 2025
Sample ID	2463 - 3/E

General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	40 ^o C
Ambient Temperature	26 ^o C
Velocity of Flue Gas	8.5 m/s

Results:

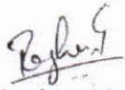
Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	17.2	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	232.3	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.004	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	7.5	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	11.2	No Limit

Note: 1. This certificate is related only to the sample tested.

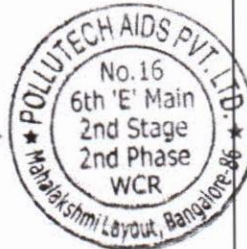
2. Sample Analysis done as per BIS method.

3. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.

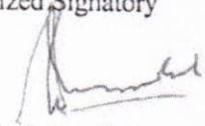
4. This Test Report shall not be reproduced without written permission of the laboratory.

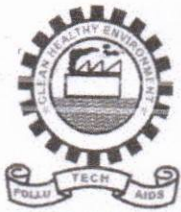
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Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 11/09/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 250 KVA
Date of Sampling	Sept 04 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Sept 05 th , 2025
Sample ID	2463 - 2/E

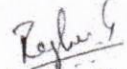
General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	75 ^o C
Ambient Temperature	26 ^o C
Velocity of Flue Gas	13.1 m/s

Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	31.3	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	329.5	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.010	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	23.8	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	35.0	No Limit

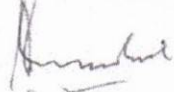
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Date: 12/12/2025

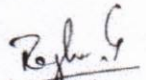
ANALYSIS REPORT OF AMBIENT AIR QUALITY

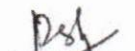
1. Name of the Company : M/s Narayana Nethralaya
2. Address : NN - 4: No. 63, Next to Meenakshi mall,
Bannerghatta Road, Hulimavu,
Bangalore - 560 076
3. Name of the Location : Near Main Gate
4. Sample Collected by : Dadapeer T L & Shivanna
5. Date of Collection : Dec 05th, 2025
6. Particulars of sample collected : PM₁₀, NO₂, SO₂
7. Date of Analysis : Dec 06th, 2025
8. Sample ID : 2503 - 1/A

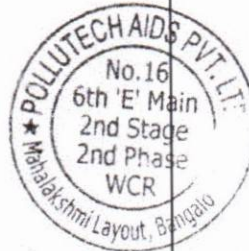
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard Limits
01	PM ₁₀	IS 5182 (part 23)	µg/m ³	43.1	100 µg/m ³
02	Sulphur dioxide	IS 5182 (part 2)	µg/m ³	17.8	80 µg/m ³
03	Nitrogen dioxide	IS 5182 (part 6)	µg/m ³	25.3	80 µg/m ³

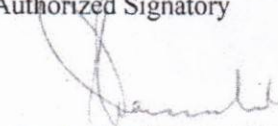
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Date: 12/12/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 250 KVA
Date of Sampling	Dec 05 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Dec 06 th , 2025
Sample ID	2503 - 2/E

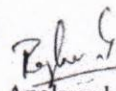
General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	81 ^o C
Ambient Temperature	25 ^o C
Velocity of Flue Gas	13.7 m/s

Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	38.5	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	396.3	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.015	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	19.0	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	41.2	No Limit

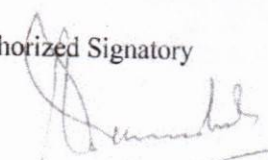
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Date: 12/12/2025

ANALYSIS REPORT OF STACK EMISSION

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	DG Set 62.5 KVA
Date of Sampling	Dec 05 th , 2025
Sampled By	Dadapeer T L & Shivanna
Date of Analysis	Dec 06 th , 2025
Sample ID	2503 - 3/E

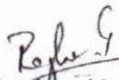
General Details:

Stack Diameter	0.1 mts
Stack Cross Sectional Area	0.008 m ²
Temperature of Flue Gas	43 ^o C
Ambient Temperature	25 ^o C
Velocity of Flue Gas	8.9 m/s

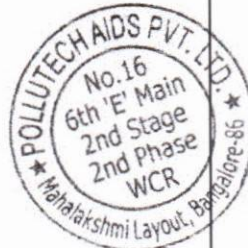
Results:

Sl. No.	Parameters	Protocol	Units	Results	Standard
01	Particulate Matter (at NTP)	IS 11255 (part 1)	mg/Nm ³	23.3	150.0 mg/Nm ³
02	Discharge Rate (at NTP)	IS 11255 (part 1)	Nm ³ /hrs.	240.7	No Limit
03	Emission Rate (at NTP)	IS 11255 (part 1)	Kg/hrs.	0.006	No Limit
04	Sulphur dioxide	IS 11255 (part 2)	mg/Nm ³	8.3	No Limit
05	Oxide of Nitrogen	IS 11255 (part 7)	mg/Nm ³	14.0	No Limit

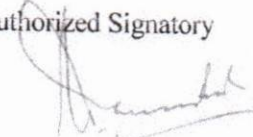
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POLLUTECH AIDS PVT. LTD.,

(Air & Water Pollution Control Consultants and Turnkey Contractors)

Recognized by MOEF & CC Under Environment (Protection) Act, 1986
NABL Accredited Testing Lab as per ISO/IEC 17025:2017
OHSMS Certified Lab as per ISO 45001:2018

Off. 080-23492130, 080-29550488, E-mail : drrpdambal@gmail.com

Date: 12/12/2025

ANALYSIS REPORT OF OPERATION THEATRE WATER SAMPLE

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Operation Theatre Water Sample
Sample Received on	Dec 05 th , 2025
Date of Commencement	Dec 05 th , 2025
Date of Completion	Dec 11 th , 2025
Sample ID	2503 - 4/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.2	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	25.1	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.3	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	16.5	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	84	250.0
07	Mercury	APHA	mg/L	BDL	0.001

- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

Analyzed by

Verified by



Authorized Signatory

Dr. R. P. Dambal



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
Date: 12/12/2025

ANALYSIS REPORT OF SEWAGE WATER SAMPLE

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560 076
Sample Particulars	Sewage Water Sample
Sample Received on	Dec 05 th , 2025
Date of Commencement	Dec 05 th , 2025
Date of Completion	Dec 11 th , 2025
Sample ID	2503 - 5/WW

Sl. No.	Parameters	Protocol	Units	Results	Standard Limit
01	pH Value	IS 3025 (part 11) 2012, Electrometric method	pH	7.6	6.5 - 9.0
02	Total Suspended Solid	IS 3025 (part 17) 2012, MFA Gravimetric method	mg/L	13.5	100.0
03	Residual Chlorine	IS 3025 (part 26) 2014, Iodometric method	mg/L	0.1	≥ 1
04	Oil & Greases	IS 3025 (part 39) 2014, Gravimetric Method	mg/L	BDL	10.0
05	BOD (3 days at 27°C)	IS 3025 (part 44) 2014, Winkler Method	mg/L	7.5	30.0
06	COD	IS 3025 (part 58) 2012, Open Reflux method	mg/L	32	250.0
07	Mercury	APHA	mg/L	BDL	0.001

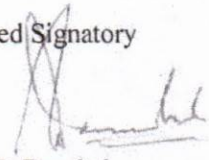
- Note: 1. This certificate is related only to the sample tested.
2. Sample Analysis done as per BIS/APHA method.
3. BDL = Below Detectable Limit.
4. Samples will be destroyed after one week from the date of issue of test certificate unless otherwise specified. Perishable samples will not be retained.
5. This Test Report shall not be reproduced without written permission of the laboratory.

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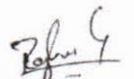
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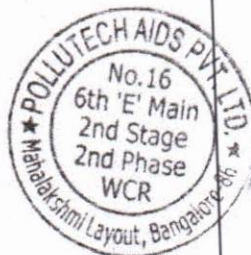
AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Company	M/s Narayana Nethralaya
Address	NN - 4: No. 63, Next to Meenakshi mall, Bannerghatta Road, Hulimavu, Bangalore - 560076
Date of Sampling	Dec 05 th , 2025
Sampled by	Dadapeer T L
Sample ID	2503 - 6/N

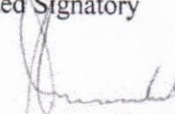
Sl. No.	Point No.	Sample Location	Time	Results in dB	Standard Limits in dB (A) Leq
01	01	DG Set 250 KVA (When On)	12.20 PM	66.9	75
		(When Off)	12.30 PM	54.0	
02	02	DG Set 62.5 KVA (When On)	12.40 PM	64.5	75
		(When Off)	12.55 PM	52.3	

- Note: 1. The results refer only to the tested samples and applicable parameter.
2. This Test Report shall not be reproduced without written permission of the laboratory


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Authorized Signatory


Dr. R. P. Dambal