



Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AGRI, AUTO, BME, CIVIL, CHEM, CSE, ECE, EEE, FT, IT, MECH, MCTS, MBA, MCA)

Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2

NIRF - India Ranking 2025 Engineering Band: 201-300

Othakalmandapam Post, Valley Campus, Coimbatore - 641 032, Tamil Nadu, INDIA

SEWAGE TREATMENT PLANT WITH MBBR TECHNOLOGY (250 KLD)

CONSOLIDATED REPORT OF STOCK VERIFICATION

Stock Verification Report for the Academic Year 2024-2025

Date: 10.06.2025

S. No.	Name of the Equipment	Unique ID Tag	Quantity	Year of Purchase	Page No. in Stock Register	Status Working/Not Working	Calibration Status	Missing	Condemned	Any Other Remarks
1	Submersible Feed Pump (7.5 HP)	-	1	2020	Based on the File Available	Working	-	-	-	-
2	Three Phase Induction Motors (10 HP)	-	2	2020		Working	-	-	-	-
3	Air Blowers (7 HP)	-	2	2020		Working	-	-	-	-
4	Filter Feed Pumps	-	2	2020		Working	-	-	-	-
5	Sludge Transfer Pump (1 HP)	-	1	2020		Working	-	-	-	-
6	Dual Media Filter Unit	-	1	2020		Working	-	-	-	-
7	Control Panel	-	1	2020		Working	-	-	-	-

Verified by

Name of the Auditor: *Dr. K. AKIL*

Designation and Department: *Professor & HOD, Civil Engineering*

Date: *10/6/2025*

Signature: *[Signature]*



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TEST REPORT

Report Date: 22.01.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	JAN/2025/STP/01	Sample Collected on:	20.01.2025
Sample Analysis Date:	20.01.2025	Report Issue Date:	22.01.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.18	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	26	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	67	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	18	20

* As per Tamil Nadu Pollution Control Board (TNPCB) Standards

Tested by 
Mr. A. Alex Livingston Raja
Assistant Professor, Civil Engineering


HOD, Civil Engineering



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TEST REPORT

Report Date: 19.02.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	FEB/2025/STP/02	Sample Collected on:	17.02.2025
Sample Analysis Date:	17.02.2025	Report Issue Date:	19.02.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.20	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	25	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	70	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	18	20

* As per Tamil Nadu Pollution Control Board (TNPCB) Standards

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TEST REPORT

Report Date: 26.03.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	MAR/2025/STP/03	Sample Collected on:	24.03.2025
Sample Analysis Date:	24.03.2025	Report Issue Date:	26.03.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.23	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	25	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	71	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	17	20

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TEST REPORT

Report Date: 23.04.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	APR2025/STP/04	Sample Collected on:	21.04.2025
Sample Analysis Date:	21.04.2025	Report Issue Date:	23.04.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.12	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	28	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	65	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	16	20

* As per Tamil Nadu Pollution Control Board (TNPCB) Standards

Tested by *A. Alex*
Mr. A. Alex Livingston Raja
Assistant Professor, Civil Engineering

ALL
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TEST REPORT

Report Date: 28.05.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	MAY2025/STP/05	Sample Collected on:	26.05.2025
Sample Analysis Date:	26.05.2025	Report Issue Date:	28.05.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.25	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	26	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	68	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	18	20

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TEST REPORT

Report Date: 25.06.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	JUNE2025/STP/06	Sample Collected on:	23.06.2025
Sample Analysis Date:	23.06.2025	Report Issue Date:	25.06.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.30	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	27	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	70	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	17	20

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TEST REPORT

Report Date: 30.07.2025

Customer Details:	M/s. Hindusthan College of Engineering and Technology		
Sample Details:	STP Treated Water		
Sample Reference No.:	JULY2025/STP/07	Sample Collected on:	28.07.2025
Sample Analysis Date:	28.07.2025	Report Issue Date:	30.07.2025
Sample Collected by:	Department of Civil Engineering, HICET		

RESULTS OF THE ANALYSIS

S.No.	Parameters	Unit	Test Protocol	Result	Standards* (TNPCB)
1	pH at 25°C	-	APHA 23 rd Edition 2012-4500 H ⁺ B	7.25	5.5 to 9.0
2	Total Suspended Solids	mg/L	APHA 23 rd Edition 2012-2540 D	26	30
3	Chemical Oxygen Demand	mg/L	APHA 23 rd Edition 2012-5220 B	69	100
4	Biochemical Oxygen Demand	mg/L	IS 3025 (Part 44) 1993 (RA 2009)	18	20

* As per Tamil Nadu Pollution Control Board (TNPCB) Standards

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