

DEPARTMENT OF PUBLIC HEALTH AND PREVENTIVE MEDICINE INSTITUTE OF
PUBLIC HEALTH, POONAMALLEE, CHENNAI-56.

L.Dis.No: E1/ 007289 / 2023

**Deputy Director of Public Health
and preventive Medicine,
Institute of Public Health,
Poonamallee, Chennai - 56.**

SAFE DRINKING WATER CERTIFICATE

PERIOD FROM 2023-2024

I hereby declare that I have inspected the **JAI HIND PUBLIC SCHOOL.**, Building and Premises Located at S.No.48/1A1, Kavalchery Road, Thirumazhisai, Chennai-600124, Poonamallee Taluk, Thiruvallur District, Tamil Nadu and its premises on **28/12/2023** and Certify that the water provide to students and staffs, Sufficiently & Properly tested from third party Report No. **EES/W/159/06** on 30/06/2023 the supply of drinking water is **SATISFACTORY**.

Conditions:

- That the accommodation provided for each of the several divisions is sufficient and is properly ventilated and lighted.
- That the premises and environment is maintained neat and clean and anti mosquito measures is sufficiently and is properly ventilated and lighted.
- The building Rest rooms, Toilet, and bath rooms, and working places are maintained neat and clean.
- The eating places are being maintained neat and clean.
- The waste and waste water disposals maintenance is satisfactory.
- Child Labour should not be engaged.
- The provision of First Aid Kits and trained personal are posed sufficiently.
- Infected persons due to communicable diseases should not be entertained in the premises
- Workers those who will be handling food stuff should get Medical Certificate From authorized Govt Medical attendant once in six months.
- Display sign board "**No smoking Visibly** - the size 1' x 3'

This certificate Valid for the period of One year from the date of issue.

COUNTER SIGNED

m. Jitendra
**DEPUTY DIRECTOR OF PH & PM
INSTITUTE OF PUBLIC HEALTH
POONAMALLEE,
CHENNAI-600 056.**

[Signature]
**BLOCK HEALTH SUPERVISOR
GOVT PRIMARY HEALTH CENTRE
NEMAM-IPH-POONAMALLEE
THIRUVALLUR DISTRICT**



EKDANT ENVIRO SERVICES (P) LIMITED

NABL Accredited & MoEF Recognised Laboratory
An ISO 9001 : 2015 and OHSAS (ISO 45001 : 2018) Certified Company
No: R7/1, AVK Tower, North Main Road, Anna Nagar West Extn. Chennai - 600 101.
Phone : 044 - 2615 3349. Mobile : 94444 11178 / 94449 71649
E-mail : ekdantlab@gmail.com / ekdantfinance19@gmail.com
Web : www.ekdantlab.co.in

DATE: 30.06.2023

Test Report

This is to confirm that, we have tested the water sample at
M/s. Jai Hind Public School, Kavalseri Road, Thirumazhisai, Chennai-600124.
The results of the water samples comply with acceptable limits as per the Indian
standards 10500:2012. Hence, the above submitted water can be used for
drinking purpose.

Ekdant Enviro Services (P) Limited



Pige Indu
Authorized Signatory



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TEST REPORT

Sample Ref No. : EES/W/159/06	Report No. : 1021/06
Issued To : M/S. Jai Hind Public school, Kavalseri Road, Thirumazhisai, Chennai- 600 124.	Report Date : 30.06.2023 Page: 1 of 2
Sample Description : Water Sample Drawn By/ Date : Customer / 28.06.2023 Customer's Reference : Letter Dated On 28.06.2023 Sample Mark : Drinking water	Received On : 28.06.2023 Commenced On : 28.06.2023 Completed On : 30.06.2023

Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 rd Edition 2017
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
Physical Properties						
1	Appearance: When Analyzed After Filtration	-	Clear Clear	- -	- -	-
2	pH value at 25°C	-	6.52	6.5 – 8.5	6.5 – 8.5	4500 H ⁺ B
3	Color	Hazen	1.0	5	15	2120 B
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983
5	Turbidity	NTU	BLQ (LOQ= 0.1)	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	28.0	-	-	2510 B
Chemical Properties						
7	Total Suspended Solids	mg/l	BLQ (LOQ= 1.0)	-	-	IS:3025: P.17:1984
8	Total Dissolved Solids	mg/l	17.0	500	2000	IS 3025:P.16:1984

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Elumalai m
Authorized Signatory

- NOTE: 1. Test results shown in this test report relate only to the items tested.
2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory
3. Unless informed by the customer the test items will not be retained for more than 10 days from The date of issue of test report (exceptional for Microbiology and wastewater for which retaining time 7 days.)

**TEST REPORT – ADDITIONAL SHEET**

Sample Ref No. : EES/W/159/06				Report No. : 1021/06 Report Date : 30.06.2023 Page: 2 of 2		
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 rd Edition 2017
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
9	Total Hardness as CaCO ₃	mg/l	2.0	200	600	2340 C
10	Calcium Hardness as CaCO ₃	mg/l	1.0	-	-	3500 - Ca B
11	Magnesium Hardness as CaCO ₃	mg/l	1.0	-	-	3500 – Mg ⁺ B
12	Calcium as Ca	mg/l	0.40	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	0.24	30	100	3500 – Mg ⁺ B
14	Phenolphthalein Alkalinity as CaCO ₃	mg/l	Nil	-	-	2320 B
15	Total Alkalinity as CaCO ₃	mg/l	7.0	200	600	2320 B
16	Chlorides as Cl	mg/l	6.0	250	1000	4500 Cl ⁻ B
17	Sulfates as SO ₄	mg/l	BLQ (LOQ= 0.1)	200	400	4500 SO ₄ ²⁻ E
18	Total Iron as Fe	mg/l	BLQ (LOQ= 0.01)	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mg/l	0.10	-	-	IS 3025: P.35:1988
20	Carbonate Hardness as CaCO ₃	mg/l	2.0	-	-	2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	Nil	-	-	2340 A
22	Free Residual Chlorine	mg/l	BLQ (LOQ=0.1)	0.2	**1	4500 Cl B

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

** To be applicable only when water is chlorinated.

Remarks: The above submitted water sample comply with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

Ref. Decision Rule: EES/QSP/012

---End of Report---



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Issued To : M/S. Jai Hind Public school Kavalseri road, Thirumazhisai Chennai 600124			Report Date : 30.06.2023 Page: 1 of 1		
Sample Description : Water Sample Drawn By/ Date : customer / 28.06.2023 Customer's Reference : Letter Dated On 28.06.2023 Sample Mark : Drinking water			Received On : 28.06.2023 Commenced On : 28.06.2023 Completed On : 30.06.2023		
Sl.No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)	PROTOCOL
MICROBIOLOGICAL EXAMINATION					
1	Total Coliforms	100ml	Absent	shall not be detectable in any 100ml	IS:15185:2016
2	E.coli	100ml	Absent	shall not be detectable in any 100ml	IS:15185:2016
Report Opinion: The above submitted water sample complies with Acceptable limits of drinking water specification as per IS 10500:2012 with respect to the parameters tested above. Ref. Decision Rule: EES/QSP/012					

---End of Report---

Authorized Signatory

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