

ପୌରପାଳିକା କାର୍ଯ୍ୟାଳୟ : ଝାରସୁଗୁଡ଼ା
MUNICIPAL OFFICE : JHARSUGUDA.

No. 749 / JM
e-Mail : jsgmunicipality@yahoo.com
jharsugudam.hud@nic.in



Dt. 16/03/2021
Fax : 06645-273019.
☎ : 06645-273019.

To,

**The Principal,
St. Joseph's Convent School,
Opp-BTM, Jharsuguda.**

Sub : **Health and Sanitation Certificate for the purpose of CBSE
Affiliation.**

I hereby declared that I have inspected the school St. Joseph's Convent School building and premises located at opposite of BTM, Jharsuguda, Ward No. 05 on Dt. 15.03.2021 and certify that the accommodation provided for each of the several classes is sufficient for the minimum number of pupils taught therein and is properly ventilated and lighted.

That, the building and its premises is neat and clean.

That, the supply of drinking water is wholesome.

That, the latrine and urinal arrangement are good.

That, in all other necessary aspects of sanitation is good.

Condition : This certificate is valid for 05 (five) year from the date of issue.

Sagar Das
15/3/21
Executive Officer,

Jharsuguda Municipality.

Saji
16/03/2021

Saji
Principal

St. Joseph's Convent School
Opp. B.T.M., Jharsuguda
Odisha, Pin-768203

Aakra
Manager

St. Joseph's Convent School
Opp. B.T.M., Jharsuguda
Pin-768203, Odisha

DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, JHARSUGUDA

email. -labjharsuguda@gmail.com



WATER ANALYSIS REPORT

TEST REPORT NO.- DWTL- 313 /2025

Dt.16.06.2025

Sample Particulars

Details of Sampling

Name of the Customer :-	Principal St.Joseph's Convent School Jharsuguda	Type of Source:-	Bore Well
		Date of Sampling:-	
		Sample receive date:- Vide letter No.	12.06.25
Sample Package Condition:-		Sampling Protocol:-	NA
a) Quantity of Sample Received – 1000 ml each		Sample Collected by:-	Not Specified
b) Type of Container - Normal Bottle		Sample Location:-	St.Joseph's Convent School Jharsuguda 1 – Old Borewell Water 2 – New Bore Well Water 3 – Purified Water

TEST RESULT

Test started on-		12.06.2025		Test completed on-		13.06.2025
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	Temperature	°C	26.5°C			
2	Odour*	----	1. Agreeable 2. Agreeable 3. Agreeable	Agreeable	Agreeable	APHA, 24th Ed.2023-2150+B: 2023 Threshold Odor Test Method
3	Color	----	1. Agreeable 2. Agreeable 3. Agreeable	Agreeable	Agreeable	APHA, 24th Ed.2023-2120+B: 2023 Visual comparison Method
4	pH at 25°C	pH Unit	1. 6.46 2. 6.49 3. 5.70	6.5 to 8.5	No relaxation	APHA, 24th Ed.2023-4500+B: 2023 Electrometric Method
5	Turbidity	NTU	1. 0.07 2. 0.80 3. 0.24	1.0	5.0	APHA24th Ed.2023-2130 B (Nephelometric Method): 2023

6	Elect. Conductivity	µmho/cm	1. 339 2. 292.2 3. 68.4	---	----	APHA 24th Ed.2023-2510 B:: 2023 Electrometric Method
7	Total Dissolved Solids (TDS)	mg/l	1. 220 2. 190 3. 44	500	2000	CALCULATION METHOD
8	Chloride	mg/l	1. 72 2. 50 3. 14	250	1000	APHA24th Ed.2023-4500 Cl B (Argentometric Method): 2023
9	Total Hardness (as CaCO ₃)	mg/l	1. 152 2. 118 3. 20	200	600	APHA24th Ed. 2023-2340 C (Titrimetric Method): 2023
10	Calcium as Ca	mg/l	1. 10.42 2. 19.24 3. 1.603	75	200	EDTATitration Method (APHA 23'd Ed. - 3500 Ga B)
11	Magnesium as Mg	mg/l	1. 30.62 2. 17.01 3. 3.88	30	100	Calculation Methoo (APHA 23'd Ed. - 3500 Mg B)
12	Total Alkalinity (as CaCO ₃)	mg/l	1. 60 2. 50 3. 10	200	600	APHA24th Ed. 2023 2320 B(Titration Method): 2023
13	Fluoride	mg/l	1. 0.05 2. 0.30 3. 0.07	1.50	1.50	SPADNS Method
14	Total Iron	mg/l	1. 0.051 2. 0.016 3. 0.345	1.0	No relaxation	APHA24th Ed.2023- 3500 Fe B (Phenanthroline Method: 2023
15	Total Coliforms	MPN	1. 0 2. 0 3. 0	No relaxation	No relaxation	MPN Method

Results relates only to samples received in the Laboratory .

#APHA – American Public Health Association

Tested By

S. Chauhan
Lab Assistant
DWTL, Jharsuguda
16/6/25

Checked & Reviewed

S. Khaini
Lab Chemist
DWTL, Jharsuguda
16/6/25

M. Singh
Lab Incharge
DWTL, Jharsuguda
16/6/25

***** END OF THE REPORT *****