

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITUON CERTIFICATE

No. 273

Dated : 23-06-2025

It is certified that an inspection team headed by **Mrs. Sunita K (Assistant Engineer)** (Name of Officers with designation) from **Assistant Engineer PHE G.W.R. Sub Division Jagdalpur (C.G)** (Name of Department/Office) inspected the **Deepti Convent Hr. Sec. School Aghanpur, Dharampur, Jagdalpur** (Name & Address of the school) on **19-06-2025** date of inspection) and on the basis of water Test Report(Attached) bearing on **105** dated **18-06-2025** of District Water Tensting Laboratory (NABL) Jagdalpur, District-Bastar (C.G.) (PHED Lab) Certified that the **Deepti Convent Hr. Sec. School Aghanpur, Dharampur, Jagdalpur** (Name of School) has safe drinking water facilities for the students and members of staff of the institution .

School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/State/U.T. Govt. .

This certificate is valid till - June 2026

Note :- Parameter (NABL) - Turbidity, Colour, Odour, pH, Total Alkalinity, Total Dissolved Solid, Chloride, Total Hardness, Calcium, Magnesium, Fluoride.

Parameter (Non-NABL) - Spec. Conductivity, Iron.

Signature

Name

Designation

Name & Address



Sunita K

Assistant Engineer

PHE G.W.R. Sub Division

Jagdalpur Dist-Bastar (C.G.)

To

The Principal

Deepti Convent Hr. Sec. School Aghanpur

Dharampura, Jagdalpur, District-Bastar (C.G.)

(Name & Address of the Institution)



District Water Testing Laboratory
Public Health Engineering Division Jagdalpur, District.-Bastar (C.G.)
 Near Collectorate Road, Pin Code – 494001
 E-mail :- phelabjdp@gmail.com

Test Report
Group- Drinking Water

Report No. :- DL/PHED/JDP/240			ULR-TC133422500000240F		Sampled by – Mr. Vikash Lukas																																											
Sender's Name and Address :- Deepti Convent Hr. Sec. School Aghanpur, Dharampur, Jagdalpur			Sender's letter No. :-		Q	Sender's Letter Date :-																																										
			DL Receipt No. :-		105	DL Receipt Date :-																																										
			Date of Analysis started :-		19-06-2025	Date of Analysis Completed :-																																										
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Sr. No.	Characteristics	Unit of Measurement	Test Method	1	2																																											
1	Turbidity	NTU	IS 3025 Part No.-10 (2023)	0.9	0.8																																											
2	Colour	Hazen	IS 3025 Part No.-04 (2021)	5	5																																											
3	Odour		IS 3025 Part No.-05 (2018)	Agreeable	Agreeable																																											
4	pH	pH Scale	IS 3025 Part No.-11 (2017)	6.72	7.21																																											
5	Total Alkalinity as CaCO ₃	mg/L	IS 3025 Part No.-11 (2023)	170.10	165.90																																											
6	Total Dissolved Solids (TDS)	mg/L	IS 3025 Part No.-16 (2023)	152	180																																											
7	Chloride as Cl ⁻	mg/L	IS 3025 Part No.-32 (2019)	10.34	16.92																																											
8	Total Hardness as CaCO ₃	mg/L	IS 3025 Part No.-21 (2019)	148.50	166.32																																											
9	Calcium as Ca ²⁺	mg/L	IS 3025 Part No.-40 (2023)	40.47	49.20																																											
10	Magnesium as Mg ²⁺	mg/L	APHA 24-3500/Mg-16 (2023)	11.54	10.58																																											
11	Fluoride as F ⁻	mg/L	APHA 24-3500/F-1 (2023)	0.16	0.18																																											

- The report should not be produced partly or full without approval of signatory authority of legal purpose.
 - It is recommended that acceptable limit is to be implemented. Value in excess of those mentioned under "Acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 7, above which the sources will have to be rejected.
 - The results refer only to tested samples and parameters.
 - This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
 - Samples will be stored for a period of 10 days from date of issue of report.
- Remark: 1. Results apply to the sample as received.
 2. Sampling not done by Laboratory's Staff.

Laboratory issue no. 240/Lab/Date:- 20-06-2025

Format No.- DL/PHED/JDP/4.1

District Water Testing Laboratory
Public Health Engineering Division Jagdalpur, District.-Bastar (C.G.)

Near Collectorate Road, Pin Code - 494001

E-mail :- phelabjdp@gmail.com

Test Report

Group- Drinking Water

Report No. - DL/PHED/JDP/240	Sender's letter No.:	Q	Sender's Letter Date :	18-06-2025
Sender's Name and Address :- Deepti Convent Hr. Sec. School Aghanpur, Dharampur, Jagdalpur.	DL Receipt No. :	105	DL Receipt Date :	18-06-2025
	Date of Analysis started :	19-06-2025	Date of Analysis Completed :	19-06-2025

Sample Details

Sr. No.	Block	Sample ID	Village	Location / Source
1	Jagdalpur	105/993/June25	Aghanpur	Deepti Convent Hr. Sec. School/Drinking Water
2	Jagdalpur	105/994/June25	Aghanpur	Deepti Convent Hr. Sec. School/Borewell Water

Details of parameters, their test method, units and specification as per IS 3025:APHA				Results					
Sr. No.	Characteristics	Unit of Measurement	Test Method	1	2				
1	Spec. Conductivity	µS/cm	IS 3025 Part No -14	231	362				
2	Nitrate as NO ₃ (Screening Method)	mg/l	APHA 24 th 4500-NO ₃ -B	-	-				
3	Iron as Fe	mg/l	APHA 24 th 3500-Fe-B	0.1	0.1				
4	Manganese as Mn	mg/l	APHA 24 th 3500-Mn-B	-	-				
5	Sulphate as SO ₄ ⁻²	mg/L	IS 3025 Part No.-24	-	-				
6	Residual Chlorine	mg/L	IS 3025 Part No.-26	-	-				
7	E. Coli	CFU/100ml	APHA 24 th 9222-B	-	-				
8	Total Coliform Bacteria	CFU/100ml	APHA 24 th 9222-B	-	-				

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Remark:- 1. Results apply to the sample as received.

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Laboratory issue no. 240/Lab/Date:- 20-06-2025


(Hemant Kashyap)
 Chemist

NABL Report Limit

Details of parameters, their test method, units and specification as per IS 3025/APHA				As Per IS - 10500-2012 (Second Revision) For Drinking Water	
Sr. No.	Characteristics	Unit of Measurement	Test method	Acceptable Limit	Permissible Limit in the absence of alternate source
1	Turbidity	NTU	IS 3025 Part No.-10 (2023)	1	5
2	Colour	Hazen	IS 3025 Part No.-04 (2021)	5-15	No Relaxation
3	Odour		IS 3025 Part No.-05 (2018)	Agreeable	Agreeable
4	pH	pH Scale	IS 3025 Part No.-11 (2022)	6.5-8.5	No Relaxation
5	Total Alkalinity as CaCO ₃	mg/L	IS 3025 Part No.-23 (2023)	200	600
6	Total Dissolved Solid at 180°C±2°C	mg/L	IS 3025 Part No.-16 (2023)	500	2000
7	Chloride as Cl ⁻	mg/L	IS 3025 Part No.-32 (2019)	250	1000
8	Total Hardness as CaCO ₃	mg/L	IS 3025 Part No.-21 (2019)	200	600
9	Calcium as Ca ²⁺	mg/L	IS 3025 Part No.-40 (2023)	75	200
10	Magnesium as Mg ²⁺	mg/L	APHA 24 th 3500-Mg-B (2023)	30	100
11	Fluoride as F ⁻	mg/L	APHA 24 th 4500-F-C (2023)	1.0	1.5

Non - NABL Report Limit

Details of parameters, their test method, units and specification as per IS 3025/APHA				As Per IS - 10500-2012 (Second Revision) For Drinking Water	
Sr. No.	Characteristics	Unit of Measurement	Test method	Acceptable Limit	Permissible Limit in the absence of alternate source
✓ 1	Spec. Conductivity	µS/cm	IS 3025 Part No.-14	500	2000
2	Nitrate as NO ₃ ⁻ (Screening Method)	mg/L	APHA 24 th 4500-NO ₃ -B	45	No Relaxation
✓ 3	Iron as Fe	mg/L	APHA 24 th 3500-Fe-B	1.0	No Relaxation
4	Manganese as Mn	mg/L	APHA 24 th 3500-Mn-B	0.1	0.3
5	Sulphate as SO ₄ ²⁻	mg/L	IS 3025 Part No.-24	200	400
6	Residual Chlorine	mg/L	IS 3025 Part No.-26	0.2	1
7	E. Coli	CFU/100ml	APHA 24 th 9222 B	Nil	Nil
✓ 8	Total Coliform Bacteria	CFU/100ml	APHA 24 th 9222 B	Nil	Nil