

## PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE


No. 31

Dated: -19-01-2024

It is certified that an inspection team headed by Ranjan Kumar Lenka(Name of Officers with designation) from A.E.E. RWS Sub-Division Pattamunda(Name of Department/ Office) inspected the P.R.D.W. Ranjan Kumar Lenka A.E.E. R.W.S Sub-Division Pattamunda

(Name & Address of the school) on 19.01.24 (date of inspection) and found that the Hancharananda Babeshram Alpo - Arua P.S. Pattamunda (Name of school) has safe drinking water facilities for the students and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of 19.01.2025

Signature with Seal:  19.1.24  
 Name : Asst. Executive Engineer RWS & S Sub-Div Pattamunda  
 Designation : Asst. Executive Engineer

Name & Address of the Office / Department : P.R.D.W.

To



Hancharananda Babeshram,  
Arua

(Name &amp; Address of the Institution)

\* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.

**SUB-DIVISIONAL WATER TESTING LABORATORY, R.W.S.&S,  
SUB-DIVISION, PATTAMUNDAI,**

Phone -7609990894 ; E-mail. - [sdllabrwsspattamundai@gmail.com](mailto:sdllabrwsspattamundai@gmail.com)

	<b>WATER ANALYSIS REPORT</b>		 <p align="center">TC-10687</p>
	<p>TEST REPORT NO- SDWTLP-15 DATE OF ISSUE -19.01.2024</p>		

Sample Particulars		Details of Sampling	
Name of the Customer :-	Hariharananda Balashram Arua	Type of Source:-	Borewell
		Date of Sampling:-	18.01.2024
		Sample receive date:- Vide letter No.	18.01.2024 /vide letter No.04
Sample Package Condition:-		Sample Registration Date:-	18.01.2024
a) Quantity of Sample Received - 500ml		Sampling Protocol:-	Samples are not collected by this laboratory.
b) Type of Container - pp		Sample Collected by:-	Sanjaya kumar biswal
		Sample Location:-	Arua Ashram pattamundai

**TEST RESULT**

Test Started on-		18.01.2024		Test Completed on-		18.01.2024	
Sl.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	Temperature	°C	26.3	----	-----	APHA 23 <sup>rd</sup> Ed. 2017-2550 B (Laboratory & Field Method)	
2	pH	pH Unit	6.54	6.5 to 8.5	No relaxation	APHA 23 <sup>rd</sup> Ed. 4500-H <sup>+</sup> B (Electrometric Method)	
3	Elect. Conductivity	µmho/cm	847.4	----	----	APHA 23 <sup>rd</sup> Ed. 2510 B (Laboratory Method)	
4	Total Dissolved Solids (TDS)	mg/l	550	500	2000	APHA 23 <sup>rd</sup> Ed. 2017 : 2540 C (Total Dissolved Solids Dried at 180°C)	
5	Turbidity	NTU	2.61	1.0	5.0	APHA 23 <sup>rd</sup> Ed. 2130 B (Nephelometric Method)	
6	Color	Hazen Units	10	5	15	APHA 23 <sup>rd</sup> Ed. 2017 : 2120 B (Visual Comparison Method)	
7	Taste	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 23 <sup>rd</sup> Ed.2017 : 2160 B ( Flavor Threshold Test)	
8	Odour	Qualitative Observation	Agreeable	Agreeable	Agreeable	APHA 23 <sup>rd</sup> Ed. 2017 :2150 B (Threshold Odour Test)	
9	Total Hardness (as CaCO <sub>3</sub> )	mg/l	342	200	600	APHA 23 <sup>rd</sup> Ed. 2340 C ( EDTA Titration Method)	
10	Calcium (as Ca)	mg/l	88.97	75	200	APHA 23 <sup>rd</sup> Ed. 3500 Ca B (EDTA Titrimetric Method)	
11	Magnesium (as Mg)	mg/l	29.16	30	100	APHA 23 <sup>rd</sup> Ed. 3500 Mg B (Calculation Method)	

12	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	202	200	600	APHA 23 <sup>rd</sup> Ed. 2320 B ( Titration Method)
13	Chloride	mg/l	304	250	1000	APHA 23 <sup>rd</sup> Ed. 4500 Cl- B (Argentometric Method)
14	Iron	mg/l	0.913	1.0	No relaxation	APHA 23 <sup>rd</sup> Ed. 3500 Fe B; (Phenanthroline Method)

**Note :- The samples were tested with dilution.**

**Information on Test Report :**


*Results relates only to samples received in the Laboratory .*

*The test report shall not be reproduced except in full without written approval of SDWTLP .*

**APHA – American Public Health Association**

Reviewed by

  
19.01.24  
Technical Manager

  
19.1.24  
Quality Manager.  
Sub-Divisional Water Testing Laboratory,  
RWS&S, Sub- Division, Pattamundai  
**Authorised Signatory**

\*\*\*\*\* End of Report\*\*\*\*\*