

O/o the Sub Divisional Engineer Public Health Engineering Sub Division No 4 Rohtak

To

The Principal  
Navyug Shiksha Niketan Senior Secondary School,  
5 km Milestone Ladhot Road Village Bhaiyapur Rohtak

Memo No.- 129

Dated: - 31/01/2024

It is certified that an inspection team headed by Assistant Engineer Naveen Katyal (S. D. E.) from PHED Rohtak (Haryana). Sub. Division No. 4 PHED Rohtak inspected Navyug Shiksha Niketan Senior Secondary School, 5 km Milestone Ladhot Road Village Bhaiyapur Rohtak on dt 30-01-2024 and found that Navyug Shiksha Niketan Senior Secondary 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 **One Year**.

Sub Divisional Engineer  
P.H. Engineering Sub Division No. 4

Signature with Seal: 

Name : Naveen Katyal

Designation : Sub Divisinal Engineer (SDE)

Name & Address of the Office/ Department: ...

Naveen Katyal & PHED S/Division No 4 Rohtak





**OFFICE OF THE CHEMIST**  
**PUBLIC HEALTH ENGINEERING DEPARTMENT**  
**WATER TESTING LABORATORY, ROHTAK**

E-mail:-chemist.rohtak@gmail.com



To

The Principal  
Navyug Shiksha Niketan Sr. Sec.School  
5 km Milestone, Ladhot Road Village Bhaiyapur  
Rohtak

Memo No.- 1274 Dated- 28/7/2023

Subject:- Report of chemical analysis of RO water sample.

Reference:- Memo no. Nil dated-25.07.2023

Please find enclosed herewith 1 No. analysis report of RO water sample received vide your letter under reference on dated 27.07.2023 for information and further necessary action.

DA/As above

( Ms.Deepika)  
Authorized Signatory/Chemist  
PHED Water Testing Laboratory, Rohtak



**Govt. of Haryana**  
**Public Health Engineering Department, Water Testing Laboratory, Rohtak**  
**Near 2<sup>ND</sup> Water Works, Jhajjar Road, Rohtak -124001**  
 Email id: chemist.rohtak@gmail.com

**Test Report**

Test Report No. : RTK/01505/7/2023 Issue Date: 28.07.2023  
 Issued To : The Principal, Navyug Shiksha Niketen Sr. Sec. School, 5km Milestone  
 Ladhot Road, Bhaiyapur, Rohtak  
 Customer Reference No. : Nil Dated: 25.07.2023  
 Sample Type : RO Water sample  
 Sample Collected by : Party Self  
 Sample received on dated : 27.07.2023  
 Sample Location : Navyug Shiksha Niketen Sr. Sec. School, 5km Milestone  
 Ladhot Road, Bhaiyapur, Rohtak  
 Sample Quantity : 1Ltr  
 Date of Analysis started : 27.07.2023  
 Dated of analysis completed : 27.07.2023

**RESULTS**

Sr No.	Parameter	Protocol Used	Results	IS:10500:2012 (Second Revision) RA-2018		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids at 180 + 2 <sup>o</sup> C	APHA2540 C 23 <sup>rd</sup> Edition	102	500	2000	mg/L
2	Total Hardness as (CaCO <sub>3</sub> )	APHA2340 C 23 <sup>rd</sup> Edition	101	200	600	mg/L
3	Calcium (as Ca)	APHA3500-Ca B 23 <sup>rd</sup> Edition	25.90	75	200	mg/L
4	Magnesium (as Mg)	APHA3500 Mg B 23 <sup>rd</sup> Edition	8.83	30	100	mg/L
5	Total Alkalinity	APHA 2320 B 23 <sup>rd</sup> Edition	58.8	200	600	mg/L
6	Chloride (as Cl)	APHA4500-Cl B 23 <sup>rd</sup> Edition	26.49	250	1000	mg/L
7	pH at 25 <sup>o</sup> C	APHA4500-H B 23 <sup>rd</sup> Edition	7.45	6.5 to 8.5	No relaxation	pH
8	Sulphate (as So <sub>4</sub> )	USEPA	20	200	400	mg/L
9.	Fluoride (as F)	USEPA	0.38	1.0	1.5	mg/L
10.	Iron(as Fe)	USEPA	0.01	1.0	No relaxation	mg/L
11	Nitrate (as NO <sub>3</sub> )	USEPA	0.05	45	45	mg/L

The sample confirms to the requirement of acceptable limit of drinking water as per IS 10500:2012 for the above tested parameter.

**Notes:**

- The results given above are related to the sample as received and tested in PHED Lab, Rohtak. Reliability of sample lies with the sender.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample Analysed by: Rahul

*Deepika*

( Ms.Deepika)  
 Authorized Signatory/Chemist  
 PHED Water Testing Laboratory, Rohtak