

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 2442

Dated: 17.11.2022

It is certified that an inspection team headed by Dharmendra Kumar Anand, Assistant Engineer (Name of the officer with designation) from P.H.E.D. (Name of the Department / Office) inspected the RPS INTERNATIONAL SCHOOL PAKARDIH, PAKARDIH, IMAMGANJ, GAYA (name and address of the school) on 10.11.2022 (date of inspection) and found that the RPS INTERNATIONAL SCHOOL PAKARDIH (Name of the School) has safe Drinking Water facilities for the students and members of the staff of the institution and is maintaining the hygienic sanitation condition in the school building and the campus as per norms prescribed by the Central/State govt.

The above is valid for a period of One (1) Year

Issued on 17.11.2022 at GAYA

* Strike out whichever is not applicable.

Signature with Seal: _____

Name: VIVEK KUMAR

Designation: EXECUTIVE ENGINEER

Name & Address of Department/ Office:

PHED, GAYA

To,

RPS INTERNATIONAL SCHOOL PAKARDIH

PAKARDIH, IMAMGANJ, GAYA, BIHAR

(Name and Address of the Institution)


PRINCIPAL
RPS INTERNATIONAL SCHOOL PAKARDIH
PAKARDIH, IMAMGANJ, GAYA


MANAGER
RPS INTERNATIONAL SCHOOL PAKARDIH
PAKARDIH, IMAMGANJ, GAYA

Government of Bihar
 District Level Water Quality Testing Laboratory
 Public Health Engineering Department
 P.H. Division, Gaya

Reg.Sr. No/Code :GAYA/W/- 2441 &2442 Year 2022-23TEST CERTIFICATE

Location:-RPS International School Pakardih Imaganj Gaya.	Date of Sampling:-10.11.22
Sample Collected by – Lab Assistant Sherghati	Date of Receiving in Lab :- 10.11.22
Source of Sample – Boring +Filter	Date of Performance :- 10.11.22 to 14.11.2022

Date of issued :- 17.11.2022

PHYSICO - CHEMICAL TEST REPORT

Sl. No.	Parameters	Desirable Limit	Permissible Limit in absence of alternate source.	Method of testing Parameters	Test Result		Remarks
					Raw	Filter	
01	02	03	04	05	06	07	08
01	pH Value	6.5-8.5	No Relaxation	pH meter	8.15	8.23	Given Sample water is fit for drinking.
02	Turbidity .NTU ,Max.	01	05	Nephalometer	0.51	0.19	
03	Conductivity U mho /cm	-	-	Conductivity meter	460	400	
04	Total Dissolved solid.mg/l, Max	500	600	TDS meter	300	260	
05	Total Hardness (as CaCO ₃), mg/l Max.	200	600	EDTA method	308	264	
06	Calcium (as Ca), mg/l, Max	200	200	EDTA method	100.8	105.6	
07	Magnesium (as Mg), mg/l, Max.	100	100	EDTA method	13.60	19.44	
08	Chloride (as Cl),mg/l, Max.	250	1000	Titration	63.98	53.98	
09	Alkalinity (as CaCO ₃),mg/l, Max.	200	600	Titration	76	72	
10	Iron (as Fe),mg/l, Max.	1.00	No Relaxation	Phenonthroline	Not Test	Not Test	
11	Nitrate (as NO ₃),mg/l, Max.	45	No Relaxation	UV-method	Not Test	Not Test	
12	Sulphate (as SO ₄), mg/l, Max.	200	400	Turbidity method	25	25	
13	Fluoride (as F),mg/l, Max.	1.00	1.50	SPANDS	0.56	0.47	
14	Arsenic (as As),PPB, Max.	0.01(Mg/l)	NR	UV-method	Not Test	Not Test	
15	MPN of Total Coli form in 100 ml.	-	-	Test tube technique	Negative	Not Test	

- Note:- 1. *BDL means Belowdetection limit
 2. Drinking Water specification First Revision-IS:10500:1991, Edition 2.2(2003-09) (Reaffirmed 1993)
 3. All the testing parameters methods are taken by APH
 4. Not test due to chemical deficiency or Apparatus

PRINCIPAL
 RPS INTERNATIONAL SCHOOL PAKARDIH
 PAKARDIH, IMAMGANJ, GAYA

MANAGER
 RPS INTERNATIONAL SCHOOL PAKARDIH
 PAKARDIH, IMAMGANJ, GAYA

Shailendra
 17/11/22
 Chemist
 P.H. Division, Gaya