

**OFFICE OF THE ASSISTANT ENGINEER  
PUBLIC HEALTH ENGINEERING SUB DIVISION MHOW**

**SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE**

No.....112.....

Date.....16/11/24.....

It is certified that an inspection team headed by **R.K. HOLKAR, ASSISTANT ENGINEER** (Name of Officers with designation) from **PUBLIC HEALTH ENGINEERING SUB DIVISION MHOW** (Name of the Department/Office) inspected the **St. Mary's Higher Secondary school, Post Office Road, Mhow** (Name & Address of the school) on **16-01-2024** and found that the **St. Mary's Higher Secondary school** (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 the norms prescribed by the central/state/U.T Govt.

The above valid for a period of **01 YEAR**.

  
**Assistant Engineer**  
**PHED, Sub-Dn.Mhow**

Signature with seal.....

Name- **R.K. HOLKAR**

Designation- **ASSISTANT ENGINEER**

To,

PRINCIPAL  
St. Mary's Higher Secondary School  
Post Office Road, MHOW,  
Dist. Indore, MP-453441  
(Name & Address of the Institution)

# Sub Division Laboratory

## Public Health Engineering Department MHOW

### ANALYSIS REPORT

Type of Sample: R O Water

Particulars of Sender: Principal, St. Mary's Higher Secondary School

Particulars of Sample Collected / Not Collected by PHED

Sample No.	Place of collection and details of sample	Date
<u>1</u>	<u>St. Mary's Higher Secondary School</u>	<u>16-1-24</u>

Particulars to be filed in the Laboratory

Date of Receipt 16-1-24 Time of Receipt 12:05 PM

Lab. Reference No. — Tested on 16-1-24

### NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS

S.No.	Characteristics	Unit	As Per BIS-10500-2012 For Drinking Water		Results			
			Requirement (Desirable Unit)	Permissible Unit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4

#### PHYSICAL TESTS

1.	Temperature	°C	—	—	<u>—</u>				
2.	Turbidity	NTU	1.0	5.0	<u>1</u>				
3.	Colour	Hazen Units	5	15	<u>—</u>				
4.	Odour	—	Unobjectionable	Objectionable	<u>—</u>				

#### CHEMICAL TESTS

5.	pH	pH Scale	6.5 to 8.5	No Relaxation	<u>7</u>				
6.	Total Hardness as CaCO <sub>3</sub>	Mg/L	200	600	<u>150</u>				
7.	Calcium as Ca	Mg/L	75	200	<u>38.4</u>				
8.	Magnesium as Mg	Mg/L	30	100	<u>12.9</u>				
9.	Total Alkalinity as CaCO <sub>3</sub>	Mg/L	200	600	<u>150</u>				
10.	Chloride as Cl	Mg/L	250	1000	<u>62</u>				
11.	Nitrate as NO <sub>3</sub>	Mg/L	15	45	<u>15.5</u>				
12.	Total Dissolved Solids	Mg/L	500	2000	<u>230</u>				
13.	Iron	Mg/L	0.3	0.3	<u>0</u>				