

Office of the Assistant Engineer  
Public Health Sub. Division  
MHOW (M.P.)

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.

No. 1994

Date: 12/12/22

It is certified that an inspection team headed by R.K. Upadhyay  
Assistant Engineer (Name of Officers  
with designation) from P.H.E. Sub Division mhow (Name of  
Department/Office) inspected the Shiksha Shikhar school Gram-  
Ashapura, mhow Dist :- Indore (Name & Address of  
the School) on 02.12.2022 and found that the Shiksha Shikhar school  
Gram - Ashapura, mhow Dist :- Indore (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 One year.

Signature with Seal : Assistant Engineer  
PHED, Sub-Dn.Mhow

Name : R.K. Upadhyay

Designation : Assistant Engineer

To

Chairman  
Captain Ashok Maheshwari  
Shiksha Shikhar school Ashapura, mhow  
(Name & Address of the Institution)

Shiksha Shikhar  
Ashok Maheshwari



**Sub Division Laboratory  
Public Health Engineering Department MHOW**

<b>ANALYSIS REPORT</b>			
Type of Sample : T.W.			
Particulars of Sender : के.एम. अशोक माहेश्वरी पैयर्समेंट विद्या शिखर स्कूल			
Particulars of Sample Collected / Not Collected by PHED			
Sample No.	Place of collection and details of sample		Date
1.	विद्या शिखर स्कूल ग्राम - आशापुरा महु		02-12-2022
Particulars to be filled in the Laboratory			
Date of Receipt	02.12.2022	Time of Receipt	12.05 PM
Lab. Reference No.	-	Tested on	02.12.2022

**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	-----	-----	-			
2.	Turbidity	NTU	1.0	5.0	0.4			
3.	Colour	Hazen Units	5	15	-			
4.	Odour	----	Unobjectionable	Objectionable	-			

**CHEMICAL TESTS**

5.	pH	pHscale	6.5 to 8.5	No Relaxation	7.65			
6.	Total Hardness as CaCO <sub>3</sub>	Mg/l	200	600	80			
7.	Calcium as Ca	Mg/l	75	200	16			
8.	Magnesium as Mg.	Mg/l	30	100	9.6			
9.	Total Alkalinity as CaCO <sub>3</sub>	Mg/l	200	600	78			
10.	Chloride as Cl	Mg/l	250	1000	36			
11.	Nitrate as NO <sub>3</sub>	Mg/l	45	45	5.8			
12.	Total Dissolved Solids	Mg/l	500	2000	108			
13.	Iron	Mg/l	0.3	1	0			



	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
14.	Sulphate as SO <sub>4</sub>	Mg/l	200	400	68			
15.	Fluoride as F	Mg/l	1.0	1.5	0			
16.	Manganese as Mn	Mg/l	0.1	0.3	-			
17.	Residual Chlorine as Cl <sub>2</sub>	Mg/l	0.2	1.0	-			

### BACTERIOLOGICAL TESTS

18.	M.PN of Coliform	Per 100 ml	Nil		0			
19.	Faecal Coliform	Per 100 ml			0			

NOTE : The figures indicated under the indicated under the column requirement (Desirable Limit) \*the limits unto which water is generally acceptable to the consumers figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated column" Permissible Limit in the absence of Alternate source" above which the source will have to be rejected (Guideline values for Drinking Water as Per BIS 10500)

In All water intended for drinking E, Coli or thermo tolerant Coliform bacteria must not be detectable in any 100 ml sample Treated water entering in / in distribution system E, Coli or thermo tolerant coliform bacteria And Total Coliform bacteria must not be detectable in any 100 ml sample. In case of large supplies, when sufficient samples are examined, must not be present in 95% of sample taken through out any 12 months period.


नोट :- उपरोक्त जल नमूने में परीक्षण किए गए पैरामीटर का मान स्वीकार्य सीमा में है।

Signature of Analyst

Solanki

Remarks if any

Assistant Engineer  
PHED, Sub-Div. Mhow

  
Sub. ENGINEER  
Lab Incharge  
(Authorised Signatory)

Sub Division Laboratory  
Public Health Engineering Department  
MHOW

Shiksha Shikhar  
Jyoti Maheshwari  
Principal

Aahan Unique Educational Society

Alam