

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


SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 783.....

Date. 18/6/2025.....

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 **SIDERAS INTERNATIONAL SCHOOL, BEHIND VETERINARY COLLEGE, BORKHEDI, MHOW, DIST.-INDORE** (Name & Address of the school) on **16-06-2025** and found that the **SIDERAS INTERNATIONAL 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
Public Health Engineering Department
Sub-Div. MHOW (INDORE)
Signature with seal.....
Name- **R.K. HOLKAR**
Designation- **ASSISTANT ENGINEER**

To,

PRINCIPAL
SIDERAS INTERNATIONAL SCHOOL
Behind Veterinary College, Borkhedi
Mhow, Dist.-Indore
(Name & Address of the Institution)

DEEN BANDHU CHARITABLE TRUST

Authorized Signatory



Sub Division Laboratory Public Health Engineering Department MHOW

ANALYSIS REPORT

Type of Sample: R O Water

Particulars of Sender: प्राचार्य सिडेरम इंटरनेशनल स्कूल, बोदपेडी, महु

Particulars of Sample Collected/ Not Collected by PHED

Sample No.	Place of collection and details of sample	Date
1	सिडेरम इंटरनेशनल स्कूल, बोदपेडी, महु	16/6/25

Particulars to be filed in the Laboratory

Date of Receipt 16/6/25

Time of Receipt 10:30 Am

Lab. Reference No. -

Tested on 16/6/25

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	0.3			
3.	Colour	Hazen Units	5	15	—			
4.	Odour	---	Unobjectionable	Objectionable	Unobjectionable			

5.	pH	pH Scale	6.5 to 8.5	6.5 to 8.5	7.55			
6.	Total Hardness as CaCo3	Mg/L	200	500	10			
7.	Calcium as Ca	Mg/L	75	200	8.8			
8.	Magnesium as Mg.	Mg/L	30	100	9.2			
9.	Total Alkalinity as CaCO3	Mg/L	200	600	72			
10.	Chloride as Cl	Mg/L	250	1000	40			
11.	Nitrate as No3	Mg/L	45	45	5			
12.	Total Dissolved Solids	Mg/L	500	2000	156			
13.	Iron	Mg/L	0.3	1.0	0			

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	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 ₄	Mg/L	200	400	-			
15.	Fluoride as F	Mg/L	1.0	1.5	0.1			
16.	Manganese as Mn	Mg/L	0.1	0.3	-			
17.	Residual Chlorine as Cl ₂	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.

Remark

उपरोक्त जल नमूने में परीक्षण किए गए पैरामीटरों का मान नवीकरणीय सीमा में है।

DEEN BANDHU CHARITABLE TRUST

P. Ugras
Authorized Signatory

Signature of Analyst

S. Solanki

Remarks if any



Assistant Engineer

Public Health Engineering Department,

Sub-Div. MHOW (INDORE)

S&D Division Laboratory

Public Health Engineering Department

MHOW