

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

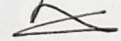
SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.....285.....

Date.....16/2/24.....

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 **SIDERAS INTERNATIONAL SCHOOL, BEHIND VETERINARY COLLEGE, BORKHEDI, MHOW** (Name & Address of the school) on **12-02-2024** 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


Signature with seal **PHED, Sub-Dn. Mhow**

Name- **R.K. HOLKAR**

Designation- **ASSISTANT ENGINEER**

To,

PRINCIPAL
SIDERAS INTERNATIONAL SCHOOL
BEHIND VETERINARY COLLEGE,
BORKHEDI, MHOW
(Name & Address of the Institution)

Chairman/Manager

Deen Bandhu Charitable Trust



Principal
SIDERAS INTERNATIONAL SCHOOL
CBSE Affiliation Code : 1030819
SCHOOL CODE : 50782
BORKHEDI, MHOW

Sub Division Laboratory Public Health Engineering Department MHOW

ANALYSIS REPORT

Type of Sample : RO Water

Particulars of Sender : Principal Sideras International School

Particulars of Sample Collected / Not Collected by PHED

Sample No.	Place of collection and details of sample	Date
1	<u>Sideras International School, Borkhedi, MHow</u>	<u>12/2/24</u>

Particulars to be filed in the Laboratory

Date of Receipt 12/2/24 Time of Receipt 11:00 AM

Lab. Reference No. --- Tested on 12/2/24

NATURE OF STUDY - CHEMICAL & BACTERIOLOGICAL ANALYSIS

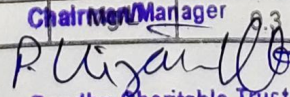
S.No.	Characteristics	Unit	As Per BIS-10500-2012 For Drinking Water		Results			
			Requirement (Desirable Unit)	Permissible Unit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4

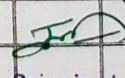
PHYSICAL TESTS

1.	Temperature	°C	---	---	-	/			
2.	Turbidity	NTU	1.0	5.0	1.2				
3.	Colour	Hazen Units	5	15	-				
4.	Odour	---	Unobjectionable	Objectionable	-				

CHEMICAL TEST

5.	pH	pH Scale	6.5 to 8.5	No Relaxation	8	/			
6.	Total Hardness as CaCo3	Mg/L	200	600	426				
7.	Calcium as Ca	Mg/L	75	200	112				
8.	Magnesium as Mg.	Mg/L	30	100	35				
9.	Total Alkalinity as CaCO3	Mg/L	200	600	266				
10.	Chloride as Cl	Mg/L	250	1000	140				
11.	Nitrate as No3	Mg/L	15	45	20.5				
12.	Total Dissolved Solids	Mg/L	500	2000	686				
13.	Iron	Mg/L	0.3	0.3	0				


 Chairperson/Manager
 Deen Bandhu Charitable Trust


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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	72			
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	-			

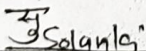
BACTERIOLOGICAL TESTS

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 पैरामीटर का मान स्वीकार्य सीमा में है।

Signature of Analyst


Remarks if any

Chairman/Manager



Deen Bandhu Charitable Trust

Principal

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 BORKHEDI, MHOW

Assistant Engineer

PHED, Sub-Dn.Mhow

Lab Incharge

Sub Division Laboratory

Public Health Engineering Department
 MHOW

Sub. ENGINEER

PHE

Sub. Div., MHOW