

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated: 26/06/2024

It is certified that an inspection team headed by Md. Abdul Hannan AEE (Name of Officers with designation) from Mission Bhagiratha [Rural water supply] (Name of Department/ Office)

inspected the **E-TAKSHILA SCHOOL, Juzalpur (V), Narayankhed (M), Sangareddy (Dist),**

Telangana-502286 (Name & Address of the school) on 26/06/2024 (date of


inspection) and found that the **E-TAKSHILA 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 norms prescribed by the Central/

State/ U.T. Govt.

The above is valid for a period of 1Year


Assistant Executive Engineer
Mission Bhagiratha (Intra)

Signature with Seal: Narayankhed Mandal

Name

Md. Abdul Hannan

Designation

AEE

Name & Address of the Office / Department : Mission Bhagiratha (Intra)

To
The Correspondent,
E -Takshila School,
Juzalpur (V), Narayankhed (M),
Sangareddy (Dist), Telangana,
502286

(Name & Address of the Institution)

* The filled up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.



Manglam Consultancy Services Hyderabad

(ISO 9001:2015 CERTIFIED & NABL ACCREDITED MATERIAL TESTING LABORATORY)
• Civil Engineering Material Testing • Destructive & Non Destructive Testing • Pile & Load Test
• Geotechnical Exploration • Geo-Physical Survey • Resistivity Survey • TPI • BI & BBD in Highway Testing

Test Report of Water sample to be Used for Drinking Purpose

TRF No :- Water/2024/0011

Date of Report -26-06-2024

Report Ref No :- MCS-HYD/2024-25/Reports/Lab/Water/20240627/0011

Name of Work :- Providing Drinking water Supply to E-Takshila school, at Juzalpur village of Narayanakhed Mandal in Sangareddy District..

Location of Sample :- RO Tank in School

Test Started :-19-06-2024

Test Completed :-26-06-2024

Sample Quantity :- 1 Lit

Test Results

S.No	Test Parameters	Test Method	Units	Results	Acceptable Limits (as per IS: 10500:2012)
1	pH	APHA-4500-H-B	--	7.4	6.5-8.5
2	Color	APHA-2120-C	Hazen	1.0	Max.5.0
3	Electrical Conductivity	APHA-2510-B	µs/cm	384	--
4	Turbidity	APHA-2130-B	NTU	1.0	Max. 1.0
5	Alkalinity to Phenolphthalein as CaCO ₃	APHA-2320-B	mg/l	Nil	--
6	Alkalinity to Methyl orange as CaCO ₃	APHA-2320-B	mg/l	104	Max.200
7	Total Dissolved Solids	APHA-2540-B	mg/l	253	Max.500
8	Total Hardness as CaCO ₃	APHA-2340-B	mg/l	110	Max 200
9	Non Carbonate Hardness as CaCO ₃	--	mg/l	Nil	--
10	Calcium as Ca	APHA-3120 B	mg/l	28.4	Max. 75
11	Magnesium as Mg	APHA-3120 B	mg/l	9.5	Max. 30
14	Chlorides as Cl	APHA-4500CL-C	mg/l	50	Max. 250
15	Sodium as Na	APHA-3120 B	mg/l	34	--
16	Potassium (K)	APHA-3120 B	mg/l	6.0	--
17	Sulphates as SO ₄	APHA-4500-C	mg/l	22.4	Max. 200
18	Nitrates as NO ₃	APHA-4500-C	mg/l	14.2	Max. 45
19	Iron as Fe	APHA-3120 B	mg/l	0.1	Max. 1.3
20	Fluoride as F	APHA-4500-E	mg/l	0.3	Max. 1.0

MICROBIOLOGICAL ANALYSIS

23	Total Bacterial Count at 37°C	IS : 5402 - 2012	Cfu/ml	44	--
24	Coli forms	ISO 9308-1	Per/100ml	Absent	Absent/100ml
25	Escherichia. Coli	ISO 9308-1	Per/100ml	Absent	Absent/100ml

End of Report

Remarks:- The Properties of Water Sample conforms IS: 10500:2012 Specification Requirements and suitable for drinking

1/1 Attached ✓

[Signature]

Assistant Executive Engineer
Mission Bhagiratha (Intra)

Narayanakhed Mandal

Hyderabad Office:
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6301854414

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APTS



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Note:-


1. IS-Indian Standard, APHA- American Public Health Association
2. The Test Report is based on the sample received by our Laboratory.
3. <2 Result Indicates the minimum detection limit of Bacteria in given sample
4. Results are issued with specific understanding that MCS Hyderabad will not be in any case in action following the interpretation of test results.


Tested By

For Manglam Consultancy Services Hyderabad

Authorised Signatory



Attested

Assistant Executive Engineer
Mission Bhagiratha (Intra)
Narayankhed Mandal

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