

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.

Dated:

It is certified that an inspection team headed by RAVI BATHAM AHO(Name of Officers with designation) from NAGAR NIIGAM ZONE-12(Name of Department/ Office) inspected the HEMA HIGHER SECONDARY SCHOOL
D-SECTOR GOVINDPURA BHEL BHOPAL(Name & Address of the school) on 07/01/2025 (date of inspection) and found that the
HEMA 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 norms prescribed by the Central/
State/ U.T. Govt.The above is valid for a period of one yearSignature with Seal: रवि बाथम
सहा. स्वा. अधिकारी

Name

Ravi Batham
जोन क्र.-12

Designation

A.H.O - 12Name & Address of the Office / Department : Zone-12

To

The PrincipalHEMA HIGHER SECONDARY SCHOOL
BHEL BHOPAL
(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.

Ponam
PRINCIPAL
HEMA HR. SEC. SCHOOL
CBSE AF/ L. No. 1030417
GOVINDPURA, BHEL, BHOPAL-23P. KUMAR
SECRETARY
HEMA EDUCATION SOCIETY
Security Line, Govindpura,
BHEL BHOPAL (M.P.)



TC-5722

ULR No.

T	C	5	7	2	2	2	5	0	0	0	0	0	0	3	1	0	F
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	692 ✓
Sender's name and address TO, HEMA HIGHER SECONDARY SCHOOL D-SECOTOR, SECURITY LINES, GOVIND PURA BHEL BHOPAL.		Sender's letter no.	-	Sender's letter Date	21/01/25 ✓
		SRL Ref. No	62	SRL receipt date	21/01/25 ✓
		Date of analysis started	21/01/25 ✓	Date of analysis completed	28/01/25 ✓
		Quantity Of sample	Ok		

Sample details

No.	Particulars of Samples
1.	WATER SAMPLE

RESULTS

No.	Field.. Testing Characteristics/ Unit	Discipline..Chemical test methods	Group..Water		Sub. Group..Drinking Water				
			Desirable Limit	Permissible Limit	Results				
1	2	3	4	5	1	-	-	-	-
1	Colour in Hazen scale	-	5	15	NIL ✓	-	-	-	-
2	Iron as Fe mg/l	APHA 23 nd edition, 3500-Fe B	1.0	1.0	0.18 ✓	-	-	-	-
3	Nitrate as NO3 mg/l	APHA 23 nd edition, 4500 NO ₃ -B	45	45	6.340 ✓	-	-	-	-
4	Fluoride as F mg/l	APHA 23 nd edition, 4500-F-C	1.0	1.5	0.26 ✓	-	-	-	-
5	Chloride as Cl mg/l	APHA 23 nd edition, 4500 Cl-B	250	1000	30 ✓	-	-	-	-
6	Total Alkalinity as CaCO ₃ mg/l	APHA 23 nd edition, 2320 B	200	600	20 ✓	-	-	-	-
7	Calcium as Ca++ mg/l	APHA 23 nd edition, 3500 Ca-B	75	200	12 ✓	-	-	-	-
8	Magnesium as Mg++ mg/l	APHA 23 nd edition, 3500 Mg-	30	100	10.56 ✓	-	-	-	-
9	Sulphate as SO ₄ mg/l	BIS:3025 (Part -24)	200	400	5.94 ✓	-	-	-	-
10	pH pH Value at 25°C	APHA 23 nd edition 4500-H + B	6.5 to 8.5	6.5 to 8.5	6.98 ✓	-	-	-	-
11	Turbidity in NTU	APHA 23 nd edition, 2130 B	1.0	5.0	1.0 ✓	-	-	-	-
12	Total hardness as CaCO ₃ mg/l	APHA 23 nd edition, 2340 C	200	600	74 ✓	-	-	-	-
13	Conductivity at 25°C (S/m)	APHA 23 nd edition, 2510 B	-	-	288 ✓	-	-	-	-
14	TDS By meter mg/l	APHA 23 nd edition, 2510 B	500	2000	170 ✓	-	-	-	-
15	Manganese as Mg/l	Mn APHA 23 nd edition 3500-mn-B	0.1	0.3	BDL ✓	-	-	-	-

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.-
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested
4. Samples will be stored for a period of 15 days from the date of issue of report.
5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.

[Signature]
Reviewed By

[Signature]
(PRAMOD NAYAK)
CHIEF CHEMIST
STATE RESEARCH LABORATORY
P. H. E. DEPARTMENT BHOPAL

Issue No. 82 /S.R.L./PHED/BPL /2025 Issue Date 28/1/25

Test Report

Nature of sample :- Drinking Water Sample / Others		Not sampled by State Research Lab		Unique Identification No.	692-A ✓
Sender's name and address TO, HEMA HIGHER SECONDARY SCHOOL D-SECOTOR, SECURITY LINES, GOVIND PURA BHEL BHOPAL.		Sender's letter no.	-	Sender's letter Date	21/01/25 ✓
		SRL Ref. No	62 ✓	SRL receipt date	21/01/25 ✓
		Date of analysis started	21/01/25 ✓	Date of analysis completed	28/01/25 ✓
		Quantity Of sample	Ok		

Sample details

No.	Particulars of Samples
1.	WATER SAMPLE

RESULTS

Field.. Testing No.	Discipline..Chemical Characteristics/ Unit	test methods	Group..Water		Sub. Group..Drinking Water		
			BIS -10500:2012 Reaffirmed in Feb. 2021		Results		
			Desirable Limit	Permissible Limit	1	-	-
1	2	3	4	5			
1	Temperature in degree C	-	--	--	25°C	-	-
2	Odour	-	Objectionable	Unobjectionable	-	-	-
3	Phenolphthalein Alkalinity as caCO3 mg/l	APHA 23 nd edition, 2320 B	-	-	-	-	-
4	Sodium as Na mg/l	APHA 23 nd edition, 3500 - Na B	-	-	-	-	-
5	Potassium as K mg/l	APHA 23 nd edition, 3500 - K B	-	-	-	-	-
6	Dissolved Oxygen mg/l	-	-	-	-	-	-
7	Chemical Oxygen Demand (COD)mg/l	-	-	-	-	-	-
8	Biological Oxygen Demand (BOD) mg/l	-	-	-	-	-	-
9	Jar Test for Alum & lime dosing fixation mg/l	-	-	-	-	-	-
10	Purity of Alum	-	-	-	-	-	-
11	Purity of Lime	-	-	-	-	-	-
12	Purity of Bleaching	-	-	-	-	-	-
13	Chlorine test Demand	-	-	-	-	-	-
14	Total coliform per 100 ml	APHA 23 nd edition, 9211 B	NIL for treated water and water in distribution system		-	-	-
15	Faecal Coliform (TTC) per 100 ml	APHA 23 nd edition, 9211 B	NIL	NIL	NIL ✓	-	-

1. This report should not be produced partly or full without approval of signatory authority for legal purposes.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but upto the limits indicated under the "permissible limit in the absence of alternate source" in column 4, above which the sources will have to be rejected.
3. The results refer only to tested samples and parameters tested
4. Samples will be stored for a period of 15 days from the date of issue of report.
5. This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
6. This report show only Non NABL parameters.

Reviewed By

(PRAMOD NAYAK)
CHIEF CHEMIST
STATE RESEARCH LABORATORY
P. H. E. DEPARTMENT BHOPAL

Issue No. 82 /S.R.L./PHED/BPL /2025 Issue Date 28/1/25