

Annexure C

Appendix-XIII

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 66.....

Date: 26-06-2023

It is certified that an inspection team headed by **Dr. Rakesh Mishra, Senior Chemist** (Name of Officers with designation) from **Nagar Nigam, Bhopal** (Name of Department/Office) inspected the **MGM Co-Ed Higher Secondary School, B.D.A. Road, Awadhपुरi, Bhopal**, (Name & Address of the School) on **23.06.2023** (date of inspection), checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining 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 year**.

Signature with Seal:

Name :

Designation :

Dr. Rakesh Mishra
Senior Chemist

Assistant Engineer of
the Govt. Public Health Department (PHED)/
Authorised officer of the Local Body

Name & Address of the Office/Department : **Nagar Nigam**

5 MGD Laboratory, Bhopal

To

The Principal
MGM Co-Ed Higher Secondary School,
B.D.A. Road, Awadhपुरi, Bhopal

(Name & Address of the Institution)

PRINCIPAL
M.G.M. Hr. Sec. School
Canaan Garden, Amrawadkhurd
Berkhera, BHOPAL

Vice President
M.G.M. Hr. Sec. School
Canaan Garden, Amrawadkhurd
Berkhera, BHOPAL

QUALITY CONTROL (WATER) LABORATORY
NAGAR NIGAM, Arera Hills, Bhopal.(M.P.) 462003

Kind of sample- TAP WATER

ANALYSIS REPORT

PARTICULARS OF SENDER -MGM CO-ED HIGHER SECONDARY SCHOOL, B.D.A ROAD AWADHPURI BHOPAL
 Ref - Q Date- 23..06.2023

PARTICULARS OF SAMPLE		collected by Nagar Nigam
	Place of collection and details of sample	Date
1	B.D.A ROAD AWADHPURI BHOPAL	23.06.2023
2		
3		
4		

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt- 23.06.2023 Lab. Reference No Tested on. 23.06.2023

NATURE OF STUDY - CHEMICAL ANALYSIS								
No.	Characteristics	Unit	As Per BIS -10500:2012 For Drinking Water		Results			
			Requirement (Desirable Limit)	Permissible Limit in the absence of Alternate Source	Sample 1	Sample 2	Sample 3	Sample 4
PHYSICAL TEST								
1	Temperature	°C	-----	-----	26.2			
2	Turbidity	NTU	1.0	5.0	1.5			
3	Colour	Hazen Units	5	15	NIL			
4	Odour	-----	Agreeable	Agreeable	NIL			
ROUTINE CHEMICAL TEST								
5	PH	PH scale	6.5 to 8.5	6.5 to -8.5	7.47			
6	Conductivity at 25°C	Micromhos per cm. ²	-----	-----	-			
7	Phenolphthalein Alkalinity	Mg / l	-----	-----	-			
8	Total Alkalinity as CaCO ₃	Mg / l	200	600	255			
9	Chloride as Cl	Mg / l	250	1000	20			
10	Nitrate as NO ₃	Mg / l	45	45	0.2			
11	Total Hardness as CaCO ₃	Mg / l	200	600	160			
12	Calcium as Ca++	Mg / l	75	200	40			
13	Magnesium as Mg++	Mg / l	30	100	14.4			
14	Total Solids	Mg / l	500	2000	-			
15	Total Dissolved Solids	Mg / l	500	2000	212			
16	Suspended solids	Mg / l	-	-	-			
17	Sulphate as SO ₄	Mg / l	200	400	32			
18	Residual chlorine	Mg/ l	0.2	1.0	0.2			
19	Iron	Mg/ l	0.1	1.0	0.02			
NATURE OF STUDY - BACTERIOLOGICAL ANALYSIS								
20	MPN Coliform	Per 100 ml	Nil (for treated water or water in distribution system)		-		-	-
21	Fecal Coliform	Per 100 ml	Nil		NIL	-	-	-

NOTE:- 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.

Chemist's signature

Remarks if any

No. _____ /Lab./Nagar Nigam/BPL Date _____

[Signatures]
 PRINCIPAL
 MGM CO-ED HIGHER SECONDARY SCHOOL
 B.D.A ROAD AWADHPURI BHOPAL

[Stamp]
 5MGD FILTER PLANT LABORATORY
 NAGAR NIGAM Bhopal (M.P.) 462003