



Municipal Corporation, Bhopal

Health Department
First Floor, ISBT Campus, Bhopal



Sr...131.../H.D./2022


Bhopal, Date: 17/02/2022

:: CERTIFICATE ::

This is to certify that during the visit to Carmel Convent Senior Secondary School, Bhopal. In the School there was facility of toilet with proper sanitation, facility of Segregation of solid waste, Clean water drinking facility, sewage disposal system and a Compost unit in the School Campus. The said works were found running smoothly.

Carmel Convent Senior Secondary School, Bhopal is maintaining the hygienic sanitation condition in the school campus with compliance to Covid-19 protocol and Solid waste management rules. In future, during the inspection if sanitation was not found in school campus, This Certificate will be automatically considered null and void.

(Valid for 01 year)


Deputy Commissioner
Health Department
Municipal Corporation,
Bhopal

ATTESTED

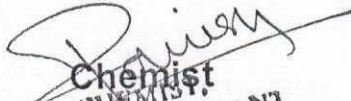

PRINCIPAL
CARMEL CONVENT SR. SEC. SCHOOL
B.H.E.L., BHOPAL

OFFICE OF THE MUNICIPAL CORPORATION

DATE-08.02.2022

CERTIFICATE

This is to certify that CARMEL CONVENT SR. SEC. SCHOOL BHEL BHOPAL had been inspected for system implemented in during water and the facilities are excellent. The authority concerned to certify drinking water has duly carried out the inspection and certified


Chemist
CHEMIST
5. MGD W/T. PLANT
Nagar Nigam, Bhopal

Nagar Nigam Bhopal (M.P) 462003

ATTESTED


PRINCIPAL
CARMEL CONVENT SR. SEC. SCHOOL
B.H.E.L., BHOPAL

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

ANALYSIS REPORT			
Kind of sample - WATER SAMPLE			
PARTICULARS OF SENDER – CARMEL CONVENT SR SECONDARY BHEL BHOPAL			
Ref - Q		Date – 08.02.2022	
PARTICULARS OF SAMPLE		Not collected by Nagar Nigam	
	Place of collection and details of sample		Date
1	TAP WATER	TAP WATER	08.02.2022
2			
3			
4			
PARTICULARS TO BE FILLED IN THE LABORATORY			
Date of Receipt - 08.02.2022		Lab. Reference No	Tested on.08.02.2022

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
PHYSICAL TEST							
1	Temperature	°c	-----	-----	19.2		
2	Turbidity	NTU	1.0	5.0	1.2		
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	7.40		
6	Conductivity at 25°C	Micromhos per cm. ²	-----	-----	-		
7	Phenolphthalein Alkalinity	Mg / l	-----	-----	-		
8	Total Alkalinity as CaCO ₃	Mg / l	200	600	118		
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	132		
12	Calcium as Ca ⁺⁺	Mg / l	75	200	34.4		
13	Magnesium as Mg ⁺⁺	Mg / l	30	100	11.04		
14	Total Solids	Mg / l	500	2000	-		
15	Total Dissolved Solids	Mg / l	500	2000	170		
16	Suspended Solids	Mg / l	-	-	-		
17	Sulphate as SO ₄	Mg / l	200	400	22		
18	Residual Chlorine	Mg / l	0.2	1.0	-		
19	iron		0.1	1.0	0.03		
NATURE OF STUDY - BACTERIOLOGICAL ANALYSIS							
20	Total Coliform	Per 100 ml	Nil (for treated water or water in distribution system)		-	-	-
21	E-coli or Thermo Tolerant Coliform	Per 100 ml	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

ATTESTED

**PRINCIPAL
CARMEL CONVENT SR. SEC. SCHOOL
B.H.E.L., BHOPAL**

**INCHARGE
5MGD FILTER PLANT LABORATORY
NAGAR NIGAM, Bhopal. (M.P.) 462003**

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