

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.

No. CS/CMR 2017. Gr./WIA-02/2023/154Date: 7-08-2023

It is certified that an inspection team headed by Mr. Anil Kumar  
Mishra (Zone Health officer) (Name of Officers  
with designation) from Municipal Corporation, Bhilai (Name of  
Department/Office) inspected the Shakuntala vidyalaya,  
Ramnagar, Bhilai (Name & Address of  
the School) on \_\_\_\_\_ and found that the Shakuntala vidyalaya  
Ramnagar, (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.

Signature with Seal: \_\_\_\_\_

Name

: Mr. Anil Kumar Mishra

Designation

: Zone Health officer

To

Principal,  
Shakuntala vidyalaya,  
Ramnagar, Bhilai

(Name &amp; Address of the Institution)

कार्यालय कार्यपालन अभियंता  
लोक स्वास्थ्य यांत्रिकी खंड, राजेन्द्र पार्क चौक, दुर्ग (छ.ग.)

दूरभाष क्र. 0788-2323633,

E-mail:eedurg-phe-cg@nic.in

कमांक/1005/लेब./का.अ./लो.स्वा.यां.खंड/2024  
प्रति,

दुर्ग, दिनांक-

31/4/2024

Principal  
Shakuntala Vidyalaya  
Ram Nagar Bhilai, Durg (C.G.)

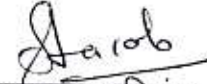
विषय:- जल परीक्षण रिपोर्ट भेजने बाबत ।

संदर्भ:- आपका पत्र क्रं -SVR/15212 / दिनांक 19.03.2024

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उपरोक्त विषयांतर्गत लेख है कि आपके द्वारा जमा किया गया Shakuntala Vidyalaya ,Ram Nagar Bhilai का जल नमूना परीक्षण उपरांत रिपोर्ट आपकी ओर प्रेषित है।

सहपत्र- 02 नग रिपोर्ट ।



सहायक अभियंता

कार्यालय- कार्यपालन अभियंता

लोक स्वास्थ्य यांत्रिकी खण्ड दुर्ग (छ.ग.)

  
Principal  
Shakuntala Vidyalaya  
Ramnagar, Bhilai (C.G.)

**District Water Testing Laboratory**  
**Public Health Engineering Division Durg Chhattisgarh**

Format Id- DL/PHED/DRG/F/4.1

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in ,Phone 0788-2323633

**Test Report**  
**Group- Drinking Water**

		ULR No.:- TC750224000000136F		Sample Collected by- Shakuntala Vidyalaya Ram Nagar, Bhilai, Durg			
Sender's Name and Address:- Principal Shakuntala Vidyalaya Ram Nagar, Bhilai, Durg (C.G.)		Sender's letter no.		SVR/15212			
		DL Receipt No.		03/24/156			
		Date of analysis started		19-03-2024			
				Sender's letter Date		19-03-2024	
				DL Received date		19-03-2024	
				Date of analysis completed		20-03-2024	

**Sample Details-**

No	Block & District	Village/Panchayat	Sample Id	Source/Location Details
1	Durg	Ram Nagar Bhilai	1039	Shakuntala Vidyalaya Ram Nagar, Bhilai, Durg
2				
3				
4				
5				
6				

**Details of parameters, their test methods, units and specifications as per IS/APHA**

No	Characteristics	Test method IS/APHA 24rd Edition		Unit of Measurement	As Per IS -10500:2012 For Drinking Water		Results							
		Method	Part No.		Acceptable Limit	Permissible Limit	1	2	3	4	5	6	7	
1	2	3	4	5	6	7	-	-	-	-	-	-	-	-
		Method	Part No.				Sample ID --> 1039							
1	Turbidity	IS:3025	Part -10	NTU	1.0	5.0	0.2	-	-	-	-	-	-	-
2	pH at Temperature 25°C	IS:3025	Part -11	pH scale	6.5 - 8.5	6.5 - 8.5	6.75	-	-	-	-	-	-	-
3	Total Alkalinity as CaCO <sub>3</sub>	IS:3025	Part -23	mg/l	200	600	22.0	-	-	-	-	-	-	-
4	Specific Conductivity at Temperature 26°C	IS:3025	Part -14	µmhos/cm	-	--	175	-	-	-	-	-	-	-
5	Chloride as Cl <sup>-</sup>	IS:3025	Part- 32	mg/l	250	1000	25.48	-	-	-	-	-	-	-
6	Total Hardness as CaCO <sub>3</sub>	IS:3025	Part -21	mg/l	200	600	64.0	-	-	-	-	-	-	-
7	Calcium as Ca <sup>++</sup>	IS:3025	Part -40	mg/l	75	200	12.81	-	-	-	-	-	-	-
8	Magnesium as Mg <sup>++</sup>	APHA	3500-Mg- B	mg/l	30	100	7.77	-	-	-	-	-	-	-
9	Nitrate as NO <sub>3</sub> <sup>-</sup>	APHA	4500-NO3-B	mg/l	45	45	2.6	-	-	-	-	-	-	-
10	Iron as Fe <sup>++</sup>	APHA	3500-Fe B	mg/l	0.3	1.0	0.119	-	-	-	-	-	-	-
11	Manganese as Mn <sup>+</sup>	APHA	3500-Mn-B	mg/l	0.1	0.3	0.0	-	-	-	-	-	-	-
12	Sulphate as SO <sub>4</sub> <sup>2-</sup>	IS:3025	Part- 24	mg/l	200	400	3.16	-	-	-	-	-	-	-
13	Fluoride as F <sup>-</sup>	APHA	4500-F-C	mg/l	1.0	1.5	0.0456	-	-	-	-	-	-	-
14	Total Dissolved Solid (TDS)	IS:3025	Part -16	mg/l	500	2000	106	-	-	-	-	-	-	-
15	Odour	IS:3025	Part -5		Agreeable	Agreeable	-	-	-	-	-	-	-	-
16	Color	APHA	2120 B	Hazen	5	15	4	-	-	-	-	-	-	-
17	Taste	IS:3025	Part -8		Agreeable	Agreeable	-	-	-	-	-	-	-	-

- This report should not be produced partly or full without approval of signatory authority of legal purposes
- 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 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters tested.
- Samples will be stored for a period of 07 days from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- The Laboratory does not give interpretation on Test result Passed / Failed
1. Results apply to the sample as received  
2. Sampling not done by the Laboratory Staff

Issue No. 169 /Lab/ Date-21/03/24

Page-01 of 01  
End of Test Report

*(Signature)*  
Principal  
Shakuntala Vidyalaya

*(Signature)*  
(Purnima Mishra)  
Chemist  
Authorised Signatory

**District Water Testing Laboratory**  
**Public Health Engineering Division Durg Chhattisgarh**

Format Id- DL/PHED/DRG/F/4.2

Near Rajendra Park Chowk

E-mail eedurg-phe-cg@mail.nic.in , Phone 0788-2323633

**Test Report**  
**Group- Drinking Water**

Sender's Name and Address:- Principal Shakuntala Vidyalaya Ram Nagar, Bhilai, Durg (C.G.)		Sender's letter no. SVR/15212	Sender's letter Date 19-03-2024
		DL Receipt No. 03/24/156	DL Received date 19-03-2024
		Date of analysis started 19-03-2024	Date of analysis completed 20-03-2024

**Sample Details-**

No	Block & District	Village/Panchayat	Sample ID	Location/Source No.
1	Durg	Ram Nagar Bhilai	1039	Shakuntala Vidyalaya Ram Nagar, Bhilai
2				
3				
4				
5				
6				
7				

**Details of parameters**

No	Characteristics	Unit of Measurement	Test method IS/APHA 23rd Edition		As Per IS-10500:2012 For Drinking Water		Results										
			Method	Part No.	Acceptable Limit mg/l	Permissible Limit mg/l	1	2	3	4	5	6	7	8			
								Sample ID-- > 1039									
1	Residual Chlorine	mg/l	IS:3025	Part no.26	0.2	1.0	-	-	-	-	-	-	-	-	-	-	-
2	Arsenic ( by Kit )	mg/l	IS:3025	Part no.37	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-
3	Total Coliform per 100ml <small>For Treated Water &amp; Distribution System</small>	24 Hrs	APHA	9222B	Nil	Nil	-	-	-	-	-	-	-	-	-	-	-
		48 Hrs			Nil	Nil	-	-	-	-	-	-	-	-	-	-	-
4	Faecal Coliform (TTC) per 100ml	24 Hrs			Nil	00	-	-	-	-	-	-	-	-	-	-	-

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- The results refer only to tested samples and parameters tested.**
- Samples will be stored for a period of 07 days from date of issue of report.
- This lab does not hold any responsibility for variation in results for samples kept on hold for want of clarification.
- Not include in NABL Scope
- The Laboratory does not give interpretation on Test result PASSED / FAILED
1. Results apply to the sample as received.  
2. Sampling not done by Laboratory's Staff

Issue No. 169 /Lab/ Date- 21/03/24

Page-01 of 01

*(Signature)*  
**Principal**  
**Shakuntala Vidyalaya**  
**Ramnagar, Bhilai (C.G.)**

*(Signature)*  
 Chemist  
 Public Health Engg. Division  
 Durg(C.G.)