

OFFICE OF THE EXECUTIVE ENGINEER
P.H. Division, Sambalpur
Brooks-Hill, Near VSS Stadium, Sambalpur-768001

No. dt.

To,

The District Magistrate & Collector,
Sambalpur.

Sub: -

Issue of Safety Certificate about Health and Sanitary Conditions for the
New Building and Temporary Building of Kendriya Vidyalaya 2, Sambalpur.

Sir,

In inviting a reference to the above, it is to submit herein the report of
Safety Certificate about Health and Sanitary Conditions for the newly New Building and
Temporary Building of relating to Kendriya Vidyalaya- 2, Burla of Sambalpur District in
the enclosed proforma.

Encl. :- Proforma – 02 No.

Yours Faithfully,

Executive Engineer
P.H. Division, Sambalpur

Memo No. 82154^(10e) / dt. 19.11.19

Copy with copy of enclosure forwarded to the Principal, Kendriya
Vidyalaya-2, Sambalpur for information.

Encl. :- As above.

Executive Engineer
P.H. Division, Sambalpur

Memo No. / dt.

Copy forwarded to the Deputy Executive Engineer, P.H. Sub Division,
Burla for information.

Executive Engineer
P.H. Division, Sambalpur

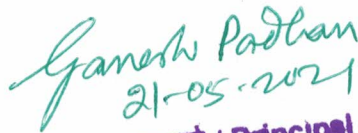
Ganesh Padhan
21-05-2021
प्राचार्य / Principal
केंद्रीय विद्यालय इकाई-2 - Kendriya Vidyalaya No.2
सम्बलपुर - 768017 / Sambalpur-768017

Customer Name : PHEO
Sampling Location : Kendriya Bidyalaya-2, Burla, Sambalpur
Sample / Source : Production Well
Sample collection Date : 26.10.19
Sample Receipt Date : 26.10.19
Analysis completed on : 02.11.19

Sr. No.	PARAMETERS	TEST METHODS	OBTAINED RESULTS	LIMITS (Max.)	
				Acceptabl e Limit	Permissible Limit
1	Colour, Hazen Units	IS :3025 (Part-4) :1983, RA-2014			
2	Odour	IS:3025 (Pt-5):1983, RA-2012	6.325	5 IU	15 IU
3	Free Residual Chlorine	IS: 3025 (P-26): 1986, RA-2009	Agreeable	Agreeable	Agreeable
4	Ammonia as N	IS: 3025 (P-34), RA-2009	0	0.2 mg/L	1 mg/L
5	pH	IS: 3025 (Pt-11) 1983, RA-2006	0.089	0.5 mg/L	No relaxation
	Taste	IS :3025 (P-7 & 8) 1984, RA-2012	7.534	6.5 - 8.5	No relaxation
7	Turbidity	IS: 3025 (Pt-10): 1984, RA-2012	Agreeable	Agreeable	Agreeable
8	Conductivity	IS: 3025 (Pt-14) 1984, RA-2002	2.4	1 NTU	5 NTU
9	Total Dissolved Solids	IS: 3025 (Pt-16): 1984, RA - 2006	537	NA	NA
10	Total Suspended Solids	IS: 3025 (Pt-17) 1984, RA-2012	349	500 mg/L	2000 mg/L
11	Dissolve Oxygen	IS: 3025 (P-38), RA-2003	0	10 mg/L	50 mg/L
12	Total Alkalinity (as CaCO ₃)	IS: 3025 (Pt-23) 1986, RA-2003	6.9	NA	NA
13	Total Hardness (as CaCO ₃)	IS: 3025 (Pt-21), RA-2009	44	200 mg/L	600 mg/L
14	Calcium (as Ca)	IS: 3025 (Pt-40), RA-2009	215.6	200 mg/L	600 mg/L
15	Magnesium (as Mg)	IS: 3025 (Pt-46), RA-2001	37.03	75 mg/L	200 mg/L
16	Chlorides (as Cl)	IS:3025 (Pt-32): 1988, RA-2003	29.93	30 mg/L	100 mg/L
17	Fluoride (as F)	APHA 22 nd Edition 4500 F- (D)	81.39	250 mg/L	1000 mg/L
18	Iron (as Fe)	IS:3025 (Pt-53):2003 (Cl.6)	0.8892	1.0 mg/L	1.5 mg/L
19	Sulphate	IS: 3025 (Pt-24) 1986, RA - 2009	0.6302	1.0 mg/L	No relaxation
20	Sulphide (as H ₂ S)	IS: 3025 (Pt-29)1986, RA - 2009	56.73	200 mg/L	400 mg/L
21	Nitrate as NO ₃	APHA 22 nd Edition 4500 N- (B)	0.0391	0.05 mg/L	No relaxation
22	Nitrite as NO ₂	IS: 3025 (P-34), RA-2009	25.629	45 mg/L	No relaxation
23	Sodium	IS: 3025 (Pt-45)1994, RA - 2014	0.0076	NA	NA
24	Potassium	IS: 3025 (Pt-45)1994, RA - 2014	40.2	NA	NA
25	Phosphate (total)	APHA 22 nd Edition 4500-P (D)	8.4	NA	NA
26	Silica	IS: 3025 (P-35)1988, RA- 2014	0.015	0.5 mg/L	5.0 mg/L
27	Coliform (per 100 ML)	IS: 1622:1981	33.414	NA	NA
28	E. Coli (per 100 ML)	IS: 1622:1981	ABSENT	ABSENT	NA
29	F.streptococci (per 100 ML)	IS: 1622:1981	ABSENT	ABSENT	NA

End of Report


Signature (Analyst)


21-05-2021

प्राचार्य / Principal
केंद्रीय विद्यालय क्रमांक-2 - Kendriya Vidyalaya No.2
सम्बलपुर - 768017 / Sambalpur-768017

SPECTRO Analytical Lab -

Signature (Lab In-Charge)
Authorised Signatory

DETAILS OF SANITARY INSTALLATION IN KV 2 SAMBALPUR (New Building)
FORMAT

Sl No	Name of the Institution	Student Capacity			Staff			No of Installations Required as per IS-1172 of 1993			No of Installations Available as per IS-1172 of 1993			Balance to be Provided			Remarks
		Male	Female	Total	Male	Female	Total	Water Closets	Urinals	Basin	Water Closets	Urinals	Basin	Water Closets	Urinals	Basin	
1	K. V. No. 2 BURLA	630	420	1050	11	9	20	35	33	23	35	32	42	-	1	-	

Junior Engineer
P.H. Section Medical, Burla

[Signature]
Deputy Executive Engineer
P.H. Sub-Division, Burla

[Signature]
Executive Engineer
P.H. Division, Sambalpur

Ganesh Padhan
21-05-2021
प्राचार्य / Principal
केंद्रीय विद्यालय क्रमांक-2 "Kendriya Vidyalaya No.2"
सम्बलपुर - 768017 / Sambalpur-768017

Ganesh Padhan
19-11-19
प्राचार्य / Principal
केंद्रीय विद्यालय क्रमांक-2 "Kendriya Vidyalaya No.2"
सम्बलपुर - 768017 / Sambalpur-768017