

जिला जल परीक्षण प्रयोगशाला
लोक स्वास्थ्य यांत्रिकीय खण्ड, राजनांदगाँव (छ.ग.)

क्रमांक / 662 / स.अ. / प्र.शा. / लो.स्वा.यां.खण्ड / 2026

राजनांदगाँव, दिनांक 9/10/26

प्रति,

Principal
St. Peter's Convent School,
Khairagarh Road, Dongargarh,
Distt. Rajnandgaon (C.G.)

विषय :- जल परीक्षण पत्रक।

संदर्भ :- आपका पत्र क्र - दिनांक 07.10.2026

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उपरोक्त विषयान्तर्गत लेख है आपके माध्यम से कुल 01 जल नमूना परीक्षण हेतु प्राप्त हुआ, जिसका परीक्षण पत्रक आवश्यक कार्यवाही हेतु सादर प्रेषित है।

सहपत्र :- 1. परीक्षण पत्रक।
2. देयक पत्रक।

Vignellamur
सहायक अभियंता,
लोक स्वास्थ्य यांत्रिकीय उपखण्ड
राजनांदगाँव (छ.ग.)



TC-6693

District Water Testing Laboratory
Public Health Engineering Department, Division-Rajnandgaon (C.G.)
e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

Test Report - Chemical
ULR- TC669326000000515F

Report No. -RJN/515

Customer Name:- Principal
St.Peter's Convent School,
Khairagarh Road, Dongargarh,
Distt.Rajnandgaon (C.G.)

Report Issue Date -09.10.2026

Sampled by:- School Staff

Sample Code : - 515

Sampled On :- 08.10.2026

Sample Name : - Drinking Water

Quantity of Sample :- 1 Ltr/Sample

Sender's letter No. Not Provided

Sender's Letter Date :- 07.10.2026

Sample Condition Bottle was properly sealed no leakage observed

Sample Received On :- 08.10.2026

Test Started on:- 08.10.2026

Test Completed On :- 09.10.2026

Sample Details

S.No.	Block	Sample I.D.	Village	Location	Source Discription
1	*Dongargarh	515/3920/Oct/2026	*Dongargarh	* St.Peter's Convent School, Khairagarh Road, Dongargarh, Distt. Rajnandgaon (C.G.)	*Not Provided

Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measure ment	Test method IS 3025 / APHA 24th edition		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of 515/3920/Oct/2026
			Method	Part No.			
1	Colour	Hazen	APHA	2120- B	5	15	5
2	Turbidity	N.T.U.	IS:3025	10	1	5	1.2
3	Odour		IS:3025	5	Agreeable	Agreeable	Agreeable
4	Taste		IS:3025	8	Agreeable	Agreeable	Agreeable
5	pH value (@25°C)		IS:3025	11	6.5-8.5	No Relaxation	7.70
6	Total Alkalinity as CaCO ₃	mg/l	APHA	2320-B	200	600	55.53
7	Spe. Conductivity (@25°C)	µmho/cm	IS:3025	14	-	-	221
8	Total Dissolved Solids at 180°C ± 2°C	mg/l	IS:3025	16	500	2000	130
9	Total Hardness as CaCO ₃	mg/l	APHA	2340-C	200	600	74.48
10	Chloride(as Cl ⁻)	mg/l	APHA	4500 - Cl-B	250	1000	17.80

Chemist

(Purnima Mishra)

Technical Reviewer and
Authorized Signatory



TC-6693

District Water Testing Laboratory

Public Health Engineering Department, Division-Rajnandgaon (C.G.)
e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

Test Report - Chemical

ULR- TC669326000000515F

Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measurement	Test method IS 3025 / APHA 24th edition		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of
			Method	Part No.			515/3920/Oct/2026
11	Calcium (as Ca^{2+})	mg/l	APHA	3500-Ca-B	75	200	15.71
12	Magnesium (As Mg^{2+})	mg/l	APHA	3500-Mg-B	30	100	8.57
13	Nitrates as NO_3^-	mg/l	APHA	4500- NO_3 -B	45	No Relaxation	<0.8
14	Iron (as Fe^{2+})	mg/l	APHA	3500-Fe-B	1.0	No Relaxation	0.15
15	Manganese (As Mn^{2+})	mg/l	APHA	3500-Mn-B	0.1	0.3	<0.04
16	Sulphates (as SO_4^{2-}) (Turbidity method)	mg/l	IS:3025	24	200	400	12.4
17	Fluoride (as F)	mg/l	APHA	4500-F-C	1.0	1.5	<0.1
18	Arsenic (as As) (SDDC method)	mg/l	IS:3025	37	0.01	No Relaxation	<0.03

Terms & Condition :-

1. The report should not be produced partly or full without approval of signatory authority of legal purpose.
2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. Results apply to the sample as received.
5. Sampling not done by Laboratory's Staff.
6. The Laboratory does not give interpretation on test result passed/failed.
7. * Sign. indicates Information provide by Customer.

Purnima Mishra
Chemist
(Purnima Mishra)
Technical Reviewer and
Authorized Signatory

END OF THE REPORT

District Water Testing Laboratory

Public Health Engineering Department, Division-Rajnandgaon (C.G.)

e-mail - phelabraj@gmail.com, Phone No. - 07744 - 224035

Test Report - Chemical / Biological

Report No. -RJN/515

Customer Name:- Principal
St.Peter's Convent School,
Khairagarh Road, Dongargarh,
Distt.Rajnandgaon (C.G.)

Report Issue Date -09.10.2026

Sampled by:- School Staff

Sample Code : -

515

Sampled On :-

08.10.2026

Sample Name : -

Drinking Water

Quantity of Sample :-

1 Ltr/Sample

Sender's letter No.

Not Provided

Sender's Letter Date :-

07.10.2026

Sample Condition

Bottle was properly sealed no
leakage observed

Sample Received On :-

08.10.2026

Test Started on:-

08.10.2026

Test Completed On :-

09.10.2026

Sample Details

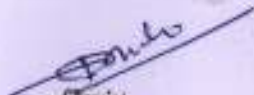
S. No.	Block	Sample ID.	Village	Location	Source Discription
1	*Dongargarh	515/3920/Oct/2026	*Dongargarh	* St.Peter's Convent School, Khairagarh Road, Dongargarh, Distt. Rajnandgaon (C.G.)	*Not Provided

Details of parameters, their test methods, units and specifications as per IS:3025 /APHA

S.No.	Characteristics	Unit of Measurement	Test method IS 3025 / APHA 24th edition		Acceptable Limit	Permissible Limit in the absence of alternate source	Result of
			Method	Part No.			
1	Residual chlorine	mg/l	IS:3025	26	0.2	1	515/3920/Oct/2026 Nil
2	E.coli	CFU/100	IS:15185	-	Nil	Nil	Nil
3	Coliform	CFU/100	IS:15185	-	Nil	Nil	-

Terms &Condition :-

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2. The results refer only to tested samples and parameters.
3. Samples will be stored for a period of 10 days from date of issue of report.
4. Results apply to the sample as received.
5. Sampling not done by Laboratory's Staff.
6. The Laboratory does not give interpretation on test result passed/failed.
7. * Sign indicates information provide by customer.


Chemist
(Purnima Mishra)
Technical Reviewer and
Authorized Signatory

END OF THE REPORT

District Water Testing Laboratory
(National Rural Drinking Water Programme)
Public Health Engineering Division – Rajnandgaon
PROFORMA BILL

Memo No.111

Date -09.10.2026

To,

Principal
St.Peter's Convent School,
Khairagarh Road, Dongargarh,
Distt.Rajnandgaon (C.G.)

S. No.	Characteristics ,Unit and test method	Individual Rate	Package Rate	Required
	No. of Sample -		1	
1	Odour IS 3025 Part No. 5	1	50	1
2	Color IS 3025 Part No. 4	1		1
3	pH IS 3025 Part No. 11	1		1
4	Total Dissolved Solids, IS 3025 Part No. 16	1		1
5	Turbidity in NTU, IS :3025 Part No. 10	5		5
6	Total Alkalinity as CaCO ₃ in mg/l, APHA 24th edition, 2320 -B	20		20
7	Total hardness as CaCO ₃ in mg/l, APHA 24th edition, 2340-C	20		20
8	Residual chlorine, mg/l as free chlorine*	1		1
9	Chloride as Cl in mg/l, APHA 24th edition, 4500 Cl-B	50	50	50
10	Sulphate as SO ₄ ²⁻ in mg/l, IS:3025 Part No. 24	50	50	50
11	Iron as Fe in mg/l, APHA 24th edition, 3500-Fe	50	50	50
12	Arsenic IS: 3025 Part No. 37	100	100	100
13	Fluoride as F in mg/l, APHA 24th edition ,4500-F-C	50	50	50
14	Nitrate as NO ₃ ⁻ in mg/l, APHA24th edition,4500 NO3- B	50	50	50
15	Total Coliform Bacteria per 100 ml, APHA 24th edition 9222B*	100	100	0
16	E Coli per 100 ml, APHA 24th edition*	100	100	100
17	Spe. Conductivity at 25°C in micro mhos /cm , IS: 3025 Part No. 14	20	20	20
18	Calcium as Ca ⁺⁺ , in mg/l, APHA 24th edition, 3500 Ca-B	50	50	50
19	Magnesium as Mg ⁺⁺ , in mg/l APHA 24th edition,3500 Mg B	50	50	50
20	Manganese as Mn ⁺⁺ , APHA 24th edition, 3500-Mn - B	100	100	100
Total		820	820	720
Grand Total			820	720

Vinod Kumar
Assistant Engineer
PHE Sub Dn.
Rajnandgaon (C.G.)

Annexure C

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION

Certificate No.....

Date.....

It is certified that PHED Rajnandgaon (C.G.) staff not inspected the St.Peter's Convent School, Khairagarh Road, Dongargarh, Distt. Rajnandgaon (C.G.) on the basis of Water Test Report no.(Attached) 515/ 09-10-2026 dated 09-10-2026 of District Water Testing Lab (PHED Lab), Certified that as the sample Submitted by St.Peter's Convent School, Khairagarh Road, Dongargarh, Distt. Rajnandgaon (C.G.) has safe drinking water facilities for the students and members of staff of the institution.

The certificate is valid till

Signature with Seal

Vinod Kumar Singh
Assistant Engineer
Public Health Engg. Sub Dn
Rajnandgaon (C.G.)

Name : Vinod Kumar Singh

Designation : Assistant Engineer

Name & Address of the Office / Department:

To,

Principal
St.Peter's Convent School,
Khairagarh Road, Dongargarh,
Distt.Rajnandgaon (C.G.)