



SAGAR CEMENTS LIMITED

Date: 08.08.2026

SCL/ENV/CTO Monthly/2026/26

To,

The Member Secretary,
State Pollution Control Board
Odisha, Paribesh Bhawan,
A/118, Nilakanth Nagar, Unit - VIII
Bhubaneswar-751012

Sub: Monthly third-party monitoring report of cement plant of the Sagar Cements Limited, Kalinga Nagar Industrial Complex, Jajpur Odisha for the period from Month of July-2026.

Ref: Consent to operate order No. 3810 IND-I-CON-6806, dated-23.03.2026,
online application ID No. 7139126, dated-16.12.2025.

Dear sir,

We are submitting herewith Monthly third-party monitoring report of cement plant of the Sagar cements Limited, Kalinga Nagar Industrial Complex, Jajpur Odisha for the period from Month of July-2026.
This is for your information please.

Thanking You,

Yours faithfully

for: **Sagar Cements Limited**

for Peer

I.P. Srivastava
(Authorized Signatory)



Encl. Doc.: Monthly third-party monitoring report
Copy to: The Regional Officer, State Pollution Control Board Kalinga Nagar, At-Dhabalagiri, Po – F.C Project, Jajpur Road, Dist – Jajpur – 755020



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Phone : +91-40-23351571, 23351572 Fax : +91-40-23356573 E-mail : info@sagarcements.in Website : www.sagarcements.in

CIN : L26942TG1981PLC002887 GSTIN : 36AACCS8680H2ZY

Factories : Mattampally Village & Mandal, Suryapet District, Telangana State - 508204. Phone : 08683 - 247039 GSTIN : 36AACCS8680H1ZZ

Bayyavaram Village, Kasimkota Mandal, Anakapally District, Andhra Pradesh State - 531031. Phone : 08924-244550 Fax : 08924-244570 GSTIN : 37AACCS8680H1ZX

Gudipadu Village, Yadiki Mandal, Ananthapur District, Andhra Pradesh State - 515408. Phone: 08558-200272 GSTIN : 37AACCS8680H1ZX

Kalinganagar, Industrial Complex, Tahsil-Dangadi, Dist - Jajpur, Odisha. Phone : 08340882288 GSTIN : 21AACCS8680H1ZA

MONTHLY MONITORING AREPORT (JULY-2026)

ON ENVIRONMENTAL MONITORING AT



SAGAR CEMENTS LIMITED
KALINGA NAGAR, INDUSTRIAL COMPLEX
DIST-JAJPUR, ODISHA-755026.

Prepared by:-



VISIONTEK CONSULTANCY SERVICES PVT. LTD
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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/26-27/TR-05933

Date:05.08.2026

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2026

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur Odisha)
2. Sampling Location : AAQMS-1 : Near Plant Main Gate
3. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
4. Sample Collected By : VCSPL representative in presence of client's representative

Date	PARAMETERS			
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)
02.07.2026	49.5	28.8	7.6	12.6
06.07.2026	50.8	29.2	6.7	12.2
08.07.2026	49.0	28.3	7.4	13.3
13.07.2026	50.2	29.6	7.5	12.1
17.07.2026	49.3	29.0	7.8	12.8
20.07.2026	51.5	29.7	7.6	12.3
23.07.2026	49.2	28.2	8.4	13.1
27.07.2026	51.0	29.1	7.9	13.5
Monthly Averages	50.1	29.0	7.6	12.7
NAAQ Standard	100	60	80	80
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gaeke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012

Remarks:

TERMS AND CONDITION:-

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5. The laboratory's responsibility under this report is limited to; proven willful negligence.





Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/26-27/TR-05934

Date: 05.08.2026

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2026

- 1.Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
- 2.Sampling Location : AAQMS-2 : NEAR TRUCK TRIPPLER BOUNDARY WALL
- 3.Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
- 4.Sample Collected By : VCSPL representative in presence of client's representative

Date	PARAMETERS			
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)
02.07.2026	50.7	29.7	6.9	13.4
06.07.2026	50.6	30.2	7.4	13.3
08.07.2026	51.4	30.0	7.2	13.1
13.07.2026	51.0	30.1	7.3	12.4
17.07.2026	51.7	30.6	7.5	12.1
20.07.2026	51.0	31.2	7.0	13.5
23.07.2026	50.7	29.9	7.7	12.2
27.07.2026	51.8	29.0	7.2	13.6
Monthly Averages	51.1	30.1	7.3	12.9
NAAQ Standard	100	60	80	80
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gaeke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012

Remarks:

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/26-27/TR-05935

Date: 05.08.2026

AMBIENT NOISE QUALITY ANALYSIS REPORT FOR JULY-2026

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha
2. Sample Collected By : VCSPL representative in presence of Client's representative
3. Date of Sampling : 17.07.2026

Sl. No.	Monitoring Locations	CPCB [dB (A)] Leq Day Time	Noise level(dB (A) Leq)
			Day Time
1	NQ1:Near Plant Main Gate Area	75	56.4
2	NQ2:Near Cement Mill Area	75	55.3
3	NQ3: Truck trippler	75	56.5
4	NQ4:Chanda villege	55	46.2
5	NQ5:Jakhapura villege	55	45.8
6	NQ6:Ravana villege	55	46.6

Sl. No.	Monitoring Locations	CPCB [dB (A)] Leq Night Time	Noise level(dB (A) Leq)
			Night Time
1	NQ1:Near Plant Main Gate Area	70	47.6
2	NQ2:Near Cement Mill Area	70	46.4
3	NQ3: Truck trippler	70	49.7
4	NQ4:Chanda villege	45	40.4
5	NQ5:Jakhapura villege	45	41.2
6	NQ6:Ravana villege	45	40.6

NoiseStandard as per CPCB guidelines:

Industrial Zone	75	70
Residential Area	55	45

Instrument Used: Sound Level Meter

Remarks:

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/26-27/TR-05936

Date: 05.08.2026

STP WATER QUALITY ANALYSIS REPORT FOR JULY-2026

1. Name of Industry : M/s SAGAR CEMENTS LIMITED
Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha
1. Date of Sampling : 17.07.2026
2. Date of Analysis : 18.07.2026 to 24.07.2026
2. Sampling Location : STW-1: Inlet Water From STP 50 KLD
STW-2: Outlet Water From STP 50 KLD
3. Sample Drawn By : VCSPL Representative in presence of Client's Representative

Sl. No.	Parameters	Unit	Testing Methods	Analysis Results	
				STW-1	STW-2
1	pH Value at 25°C	mg/l	pH Meter APHA 23 RD Ed, 2017 : 4500H ⁺ B	7.31	7.42
2	Biological Oxygen Demand as BOD (3 Days At 27°C)	mg/l	Oxygen Depletion Method IS 3025(P-44) : 1993, RA 2003	9.8	4.1
3	Total Suspended Solids as TSS	mg/l	Gravimetric Method APHA 23 RD Ed, 2017 : 2540 D	10.3	4.1
3	FECAL CALIFORM	mg/l	APHA 9221 E	13	<1.8

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/26-27/TR-05937

Date: 05.08.2026

STACK EMISSION MONITORING REPORT FOR JULY-2026

CUSTOMER DETAILS

Customer Name & Address	:	M/s SAGAR CEMENTS LIMITED Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha
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SAMPLE DETAILS

Sample Location & Code	:	ST1: Cement Mill	Sampling Procedure	IS 11255
Date of Sampling	:	17.07.2026	Material Construction of stack	MS Plate
Time of Sampling	:	16.10Hrs-16.50 Hrs	Shape of Stack	Circular
Date of Analysis	:	18.07.2026 to 22.07.2026	Height of Stack from Ground Level	52.6 meter
Emission Due To	:	Cement Grinding	Diameter of Stack	2.36 meter
			Height of Sampling Point from Ground Level	40.6 meter

SL. No.	Name of the Parameters	Testing Methods	Prescribed Standard as per CTO	Units	Result
1.	Temperature of Stack	IS 11255: 1985(Part 3)	--	⁰ K	360
2.	Velocity of Gas	IS 11255: 1985(Part 3)	--	m/sec	10.29
3.	Quantity of gas flow, at dry Condition	IS 11255: 1985(Part 3)	--	Nm ³ /hr	132600.95
4.	Moisture	IS 11255: 1985(Part 3)	--	%	0.55
5.	Concentration of Particulate Matter (as PM)	IS 11255: 1985 (Part 1)	30 mg/Nm ³	mg/Nm ³	11.1
6.	Sulphur Dioxide (as SO ₂)	IS 11255: 1985(Part 2)	--	mg/Nm ³	1.0
7.	Nitrogen Oxide (as NO _x)	IS 11255: 2005 (Part 7)	--	mg/Nm ³	1.7

Remarks:

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TEST REPORT

Ref: Envlab/25-26/TR- 05938

Date: 05.08.2026

Customer Name & Address : M/s SAGAR CEMENTS LIMITED, JAJPUR
Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha

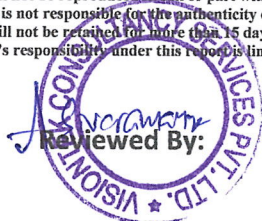
Sample Location	DW:ADMIN BUILDING	Sampled by	VCSPL'S Representative
Sample Description	Drinking Water	Sampling Procedure	APHA 1060
Sample Source	Canal water	Sample Received on	18.07.2026
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.07.2026	Test Completed on	18.07.2026 to 25.07.2026

Sl. No	Parameters	Unit	Standard as per IS 10500: 2012 Amnd 2015 & 2018 (Acceptable Limit)	Test methods	Results
1	Color	Hazen	Max 5	IS 3025(Part-4):2017	1
2	Odour	--	Agreeable	IS 3025(Part-5):2018	Agreeable
3	pH value 25°C	--	6.5-8.5	IS 3025(Part11):2017	7.55
4	Turbidity	NTU, max	Max1.0	IS 3025(Part-10):2017	<1.0
5	Total Dissolved Solids (at 180°C)	mg/l	Max 500	IS 3025(Part-16):2017	156.5
6	Temperature	°C	-	IS 3025(Part-11):2023	22.4
7	Electrical Conductivity (at 25°C)	µS/cm	-	IS 3025(Part-14):2019	273.6
8	Calcium (as Ca)	mg/l ,max	Max 75	IS 3025(Part-40):2019	13.3
9	Chloride (as Cl)	mg/l ,max	Max 250	IS 3025(Part-32):2019	30.7
10	Copper (as Cu)	mg/l ,max	Max 0.05	APHA23rd Edition 3111B:2017	<0.05
11	Fluoride (as F)	mg/l ,max	Max 1.0	IS 3025(Part-60):2023	0.04
12	Free Residual Chlorine	mg/l ,min	Max 0.2	IS 3025(Part-25):2019	<0.1
13	Iron (as Fe)	mg/l ,max	Max1.0	APHA23rd Edition 3111B:2017	0.28
14	Magnesium (as Mg)	mg/l ,max	Max 30	IS 3025(Part-46):2019	11.2
15	Manganese (as Mn)	mg/l ,max	Max 0.1	APHA23rd Edition 3111B:2017	<0.03
16	Mineral oil	mg/l ,max	Max 0.5	IS 3025(Part-39):2021	<0.05
17	Phenolic compounds	mg/l ,max	Max 0.001	APHA23rd Edition 5530B,D:2017	<0.05
18	Sulphate (as SO ₄)	mg/l ,max	Max 200	IS 3025(Part-24):2019	8.2
19	Nitrate (as NO ₃)	mg/l ,max	Max 45	IS 3025(Part-34):2019	5.3
20	Total Alkalinity as CaCO ₃	mg/l ,max	Max 200	IS 3025(Part-23):2019	66
21	Total Hardness as CaCO ₃	mg/l ,max	Max 200	IS 3025(Part-21):2019	81
22	Carbonate Alaklinity as CO ₃	mg/l ,max	-	IS 3025(Part-23):2023	<5.0
23	Bi-Carbonate Alaklinity as HCO ₃	mg/l ,max	-	IS 3025(Part-23):2023	69
24	Sodium as Na	mg/l ,max	-	APHA23rd Edition 3500Na:2017	10.9
25	Potassium as K	mg/l ,max	-	APHA23rd Edition 3500K:2017	4.2
26	Zinc(as Zn)	mg/l ,max	Max 5.0	APHA23rd Edition 3111B:2017	<0.1
27	Cadmium (as Cd)	mg/l ,max	Max 0.003	APHA23rd Edition 3111B:2017	<0.0006
28	Cyanide (as CN)	mg/l ,max	Max 0.05	IS 3025(Part-27):2019	<0.01
29	Lead (as Pb)	mg/l ,max	Max 0.01	APHA23rd Edition 3111B:2017	<0.002
30	Mercury (as Hg)	mg/l ,max	Max 0.001	APHA23rd Edition 3111B:2017	<0.002
31	Total arsenic (as As)	mg/l ,max	Max 0.01	APHA23rd Edition 3500As:2017	<0.002
32	Selenium(as Se)	mg/l ,max	Max 0.01	APHA23rd Edition 3500Se:2017	<0.002
33	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	IS 15185:2016	Absent
34	Fecal Coli Form	MPN/100ml	---	APHA 9221 E	<1.8
35	E. coli	MPN/100ml	Shall not be detected in any 100 ml sample	IS 15185:2016	Absent

*** End Report ***

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

TEST REPORT

Ref:Envlab/26-27/TR-05939

Date: 05.08.2026

Customer Name & Address : M/s SAGAR CEMENTS LIMITED, JAJPUR
Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha

Name of the Industry	: M/s SAGAR CEMENTS LIMITED, JAJPUR	Date of Sampling	:	17.07.2026
		Sample Received on	:	18.07.2026
Sample Description	: 1.Ambient Air (Buffer Zone)	Sampling Procedure	:	VCSP/L/F-SOP/001, Dt. 04.09.2021
		Sampling Location	:	VILLAGE CHANDA
Environment Condition during Sampling	: Atmospheric Temp.: 29 – 33°C Barometric Pressure: 754 mm of Hg	Instrument used for Sampling	:	RDS (APM 460 BL), FPS (APM 550), VOC Sampler
Sample Condition	: Air Tight Sealed and gaseous Sample Solution Refrigerated	Sampling done by	:	VCSP/L'S Representative
Test Started on	: 18.07.2026	Test Completed on	:	22.07.2026

1. Chemical Testing

A. Atmospheric Pollution

Sl. No	Parameters	Unit	Test Method	National Ambient Air Quality Standard, CPCB, 18 th Nov. 2009	Analysis Result
1	Particulate matter as PM ₁₀	(µg/m ³)	IS 5182: Part 23: 2006, RA 2017	100	51.8
2	Particulate matter as PM _{2.5}	(µg/m ³)	IS 5182 (Part 24):2019	60	24.6
3	Sulphur Oxides as SO ₂	(µg/m ³)	IS 5182 (Part 2): 2001, RA 2017	80	20.3
4	Nitrogen Oxides as NO _x	(µg/m ³)	IS 5182 (Part 6): 2006, RA 2017	80	19.7

Remarks:

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref:Envlab/26-27/TR- 05940

TEST REPORT

Date: 05.08.2026

Customer Name & Address : M/s SAGAR CEMENTS LIMITED, JAJPUR

Name of the Industry	:	M/s SAGAR CEMENTS JAJPUR	Date of Sampling	:	17.07.2026
			Sample Received on	:	18.07.2026
Sample Description	:	2.Ambient Air(Buffer zone)	Sampling Procedure	:	VCSPL/F-SOP/001, Dt. 04.09.2021
			Sampling Location	:	VILLAGE JAKHAPURA
Environment Condition during Sampling	:	Atmospheric Temp.: 29 – 33°C Barometric Pressure: 754 mm of Hg	Instrument used for Sampling	:	RDS (APM 460 BL), FPS (APM 550), VOC Sampler
Sample Condition	:	Air Tight Sealed and gaseous Sample Solution Refrigerated	Sampling done by	:	VCSPL'S Representative
Test Started on	:	18.07.2026	Test Completed on	:	22.07.2026

1. Chemical Testing

A. Atmospheric Pollution

Sl. No	Parameters	Unit	Test Method	National Ambient Air Quality Standard, CPCB, 18 th Nov. 2009	Analysis Result
1	Particulate matter as PM ₁₀	(µg/m ³)	IS 5182: Part 23: 2006, RA 2017	100	51.6
2	Particulate matter as PM _{2.5}	(µg/m ³)	IS 5182 (Part 24):2019	60	25.4
3	Sulphur Oxides as SO ₂	(µg/m ³)	IS 5182 (Part 2): 2001, RA 2017	80	14.8
4	Nitrogen Oxides as NO _x	(µg/m ³)	IS 5182 (Part 6): 2006, RA 2017	80	18.9

Remarks:

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref. No: EnvLab /26-27/TR-05941

TEST REPORT

Date: 05.08.2026

Customer Name & Address : M/s SAGAR CEMENTS LIMITED, JAJPUR

Name of the Industry	: M/s SAGAR CEMENTS LIMITED, JAJPUR	Date of Sampling	: 17.07.2026
		Sample Received on	: 18.07.2026
Sample Description	: 3.Ambient Air (Buffer Zone)	Sampling Procedure	: VCSPL/F-SOP/001, Dt. 04.09.2021
		Sampling Location	: VILLAGE RAVANA
Environment Condition during Sampling	: Atmospheric Temp.: 29 – 33°C Barometric Pressure: 754 mm of Hg	Instrument used for Sampling	: RDS (APM 460 BL), FPS (APM 550), VOC Sampler
Sample Condition	: Air Tight Sealed and gaseous Sample Solution Refrigerated	Sampling done by	: VCSPL'S Representative
Test Started on	: 18.07.2026	Test Completed on	: 22.07.2026

2. Chemical Testing

B. Atmospheric Pollution

Sl. No	Parameters	Unit	Test Method	National Ambient Air Quality Standard, CPCB, 18 th Nov. 2009	Analysis Result
1	Particulate matter as PM ₁₀	(µg/m ³)	IS 5182 : Part 23: 2006, RA 2017	100	51.2
2	Particulate matter as PM _{2.5}	(µg/m ³)	IS 5182 (Part 24):2019	60	25.6
3	Sulphur Oxides as SO ₂	(µg/m ³)	IS 5182 (Part 2): 2001, RA 2017	80	21.2
4	Nitrogen Oxides as NO _x	(µg/m ³)	IS 5182 (Part 6): 2006, RA 2017	80	24.8

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

TEST REPORT

Ref: Envlab/25-26/TR-05942

Date: 05.08.2026

Customer Name & Address - M/s SAGAR CEMENTS LIMITED, JAJPUR
Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha

Sample Location	VILLAGE CHANDIA	Sampled by	VCSPL's Representative
Sample Description	GW-1	Sampling Procedure	APHA 1060
Sample Source	Ground water	Sample Received on	18.07.2026
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.07.2026	Test Completed on	25.07.2026

Sl. No	Parameters	Unit	Standard as per IS 10500: 2012 Amnd 2015 & 2018 (Acceptable Limit)	Test methods	Results
1	Color	Hazen	Max 5	IS 3025(Part-4):2017	GW-1
2	Odour	--	Agreeable	IS 3025(Part-5):2018	Agreeable
3	Taste			APHA 23 rd Ed, 2017 : 2160 C	Agreeable
4	pH value 25°C	--	6.5-8.5	IS 3025(Part11):2017	7.50
5	Turbidity	NTU, max	Max1.0	IS 3025(Part-10):2017	<1.0
6	Total Dissolved Solids (at 180°C)	mg/l	Max 500	IS 3025(Part-16):2017	426.2
7	Calcium (as Ca)	mg/l ,max	Max 75	IS 3025(Part-40):2019	30.2
8	Chloride (as Cl)	mg/l ,max	Max 250	IS 3025(Part-32):2019	36.1
9	Copper (as Cu)	mg/l ,max	Max 0.05	APHA23rdEdition 3111B:2017	<0.05
10	Fluoride (as F)	mg/l ,max	Max 1.0	IS 3025(Part-60):2023	0.24
11	Iron (as Fe)	mg/l ,max	Max1.0	APHA23rdEdition 3111B:2017	0.26
12	Magnesium (as Mg)	mg/l ,max	Max 30	IS 3025(Part-46):2019	18.2
13	Manganese (as Mn)	mg/l ,max	Max 0.1	APHA23rdEdition 3111B:2017	<0.036
14	Sulphate (as SO ₄)	mg/l ,max	Max 200	IS 3025(Part-24):2019	18.2
15	Nitrate (as NO ₃)	mg/l ,max	Max 45	IS 3025(Part-34):2019	2.35
16	Total Alkalinity (as CaCO ₃)	mg/l ,max	Max 200	IS 3025(Part-23):2019	138.4
17	Total Hardness (as CaCO ₃)	mg/l ,max	Max 200	IS 3025(Part-21):2019	152.2
18	Free residual chloride	mg/l ,max	Max 0.2	APHA 4500 Cl B	ND

Remarks:

TERMS AND CONDITION: -

1. The Test result is relevant only to the item tested.
2. This report shall not be reproduced in full or part without written approval of Visiontek consultancy services.(P) Ltd
3. The laboratory is not responsible for the authenticity of photocopied test report.
4. The test item will not be retained for more than 15 days from the date of issue of test report except in case as required by applicable regulations.
5. The laboratory's responsibility under this report is limited to; proven willful negligence.





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