



SAGAR CEMENTS LIMITED

Date: 25.08.2025

SCL/ENV/ES /2025/22

To,

The Member Secretary,
State Pollution Control Board Odisha
Paribesh Bhawan, A/118, Nilakanthanagar,
Unit-VIII, Bhubaneswar-751 012.

Sub: Environment Statement for the period of April- 2024 to March – 2025 for Sagar Cements Limited, (Earlier known as Jajpur Cements Private Ltd) Kalinganagar Industrial Complex, Jajpur Odisha.

Ref: Consent to operate order No. 4799 IND-I-CON-6806, dated-27.03.2023, online application ID No. 4562731, dated-20.12.2022.

Dear sir,

We are submitting herewith Environment Statement report for the period from April-2024 to March-2025 for Sagar cements Limited, (Earlier known as Jajpur Cements Private Ltd) Kalinganagar Industrial Complex, Jajpur Odisha.

Submitted for your kind information and record please
Thanking You,

Yours faithfully

for: **Sagar Cements Limited.**


I.P. Srivastava
(Authorized Signatory)



Encl: Environment Statement for the period from April-2024 to March-2025

Copy to: The Regional Officer, State Pollution Control Board, Kalinga Nagar, At- Dhabalagiri, Po – F.C Project, Jajpur Road, Dist – Jajpur – 755020



Registered Office : Plot No. 111, Road No.10, Jubilee Hills, Hyderabad - 500033, Telangana State, India.

Phone : +91-40-23351571, 23356572 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 CIN : U26922TS2010PTC171799 GSTIN : 21AACCCJ4151G1Z3



ENVIRONMENTAL STATEMENT

FORM-V

**SAGAR CEMENTS LIMITED (Earlier known as
M/s Jajpur Cements Private Limited)**

(1.5 MPTA CEMENT GRINDING UNIT)

**At- Kacherigaon, Dasmania, Chandia, Kalinganar Industrial
Complex, Tehsil- Danagadi, Dist.- Jaipur, Odisha – 755026**

ENVIRONMENTAL STATEMENTS

FORM -V

(See Rule 14)

PART – A

I.a) Name and address of owner occupier of the industry, operation or process	Mr. K.Ganesh (Director) Plot No. 111, Road Number 10, Beside Vacs Bakery, Sravanthi Nagar, ICRISAT Colony, Jubilee Hills, Hyderabad, Telangana 500033
I.b) Authorized person for the Occupier	Indra Prakash Srivastava (Unit Head) Kalinganagar Industrial Complex, Vill- Jakhapura, Tehsil- Danagadi, Dist- Jajpur -755026
II) Industry Category Primary/(STC code) Secondary (STC code)	Red/Large (Cement Manufacturing Unit) Primary STC
III) Production Capacity	1.5 MTPA
IV) Year of Establishment	2019
V)Date of the last environmental statement submitted	

PART-B

Water and Raw Material Consumption

I. Water consumption in KL/Day

a) Process: 20.0 KL/Day

b) Cooling: 5.0 KL/Day (Average during FY 2024-25)

c) Domestic: 4.0 KL/Day (Average during FY 2024-25)

Name of the Products	Process water* consumption per unit of products (KL/ MT of cements)	
	During the Previous FY 2023-2024 (in KL)	During the current FY 2024-2025 (in KL)
Cements (PSC, PPC, PCC, OPC)	0.0075	0.0058

II) Raw Material Consumption

Name of the Raw Materials	Name of the Products	Consumption of the Raw Material per unit of output (Cement)	
		During the Previous FY 2023-2024	During the current FY 2024-2025
Clinker	PSC	0.41	0.39
Slag		0.57	0.59
Gypsum		0.015	0.014
Clinker	PCC	0.44	0.39
Slag		0.35	0.39
Fly ash		0.19	0.19
Gypsum		0.015	0.014

Clinker	OPC	0.94	0.1
Gypsum		0.016	0.001
Slag	GGBS	0	0

PART-C
POLLUTION DISCHARGED TO ENVIRONMENT/ UNIT OF OUTPUT
(PARAMETERS AS SPECIFIED IN THE CONSENT ISSUED)

S.No	Pollutants	Quantity of pollutants discharged (tone/day)	Concentrations of pollutants in discharges (mass/volume) (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
A	Water	No waste water is generated in process. Water is used for cooling purpose and is recycled domestic waste water/sewage is treated in STP using in green belt. Waste water analysis Report attached as Annexure-I		
B	Air	Ambient Air Quality & Stack Emission data are attached as Annexure-II & III		

PART-D
HAZARDOUS WASTES (As specified under Hazardous wastes/management & Handling rule, 1989)

Hazardous Waste	Total Quantity (Kg.)			
	During the Previous FY 2023-2024		During the current FY 2024-2025	
	Used Oil/Spent Oil	Wastes/residue containing oil	Used Oil/Spent Oil	Wastes/residue containing oil
1) From process	Nil	Nil	3.36 KL	Nil
2) Pollution control facilities.	NA	NA	NA	NA

PART – E

Solid Wastes

S.No	Solid Waste	Total Quantity (Kg.)	
		During the Previous FY 2023-2024	During the current FY 2024-2025
a.	From process	No waste is generated in the manufacturing process	No waste is generated in the manufacturing process
b.	From pollution Control facilities.	Dust collected from the pollution control devices is recycled/reutilized in the process.	Dust collected from the pollution control devices is recycled/reutilized in the process.
c.	1) Quantity recycled or re-utilized within the unit	100%	100%
	2) Sold	Nil	Nil
	3) Disposed	Nil	Nil

PART-F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as soil wastes and indicate disposal practice adopted for both these categories of wastes.

Hazardous/Solid waste	Characteristics	Method of disposal
Used oil	Oily	Will be sold to authorized recycler
Wastes/residue containing	Oily	Will be incinerated in the HAG
Soil waste	Dust	Recycled/reutilized in the process

PART –G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production

- Sagar Cements Limited (Earlier known as Jajpur cements) are continuously making efforts to look for ways to reduce dependency on the natural raw materials. In order

to do so it enhances the mix optimization with the introduction of alternative, recycled materials to replace the use of natural resources.

- This project implements the reduce the net zero carbon emission to manufacture the green cements like PSC,PPC ,PCC & GGBS
- Implementing 30 nos of nusense bag filters at the process and transfer points to fugitive dust mitigation
- using closed shed for storage of raw materials like slag, gypsum and coal.
- Using Closed silo for clinker storage.
- Closed conveyor belts have been provided for the transfer the raw materials to control fugitive emissions.
- 4 compartments of single closed silo using for product storage.
- Water sprinkler installed in truck Tripler station control the fugitive emissions.
- Provided internal concrete Roads
- For cleaning of road running sweeping machine

PART –H

Additional Measures /investments proposed for environmental protection Including abatement of pollution, prevention of pollution.

• Ambient Air Quality Monitoring System) installed for monitoring of the ambient air quality. Parameters monitored through the CAAQMS system are PM10, PM2.5, SO₂,

NOx. Apart from this ambient air quality is being monitored through a NABL accredited

Laboratory on monthly basis.

Continues emission monitoring system installed in stack data of the same is being transmitted to CPCB/SPCB servers.

- Display Board installed at plant main Gate
- Green belt development has started in the phase wise manner. Phase 2 has been completed during the FY 24-25. It is planned to be developed in 33 % of The total land area of the plant.

PART-I

Any other particulars for improving the quality of environment

- No wastewater generating in plant, STP water using for greenbelt development.
- No natural source using for product manufacturing.
- Monthly conducting Environmental drive in plant.
- Awareness on environment Protection by Unit Head.
- No plastic bags and plastic carriers using in plant premises.



World Environment Day



Water purification plant



Display Board



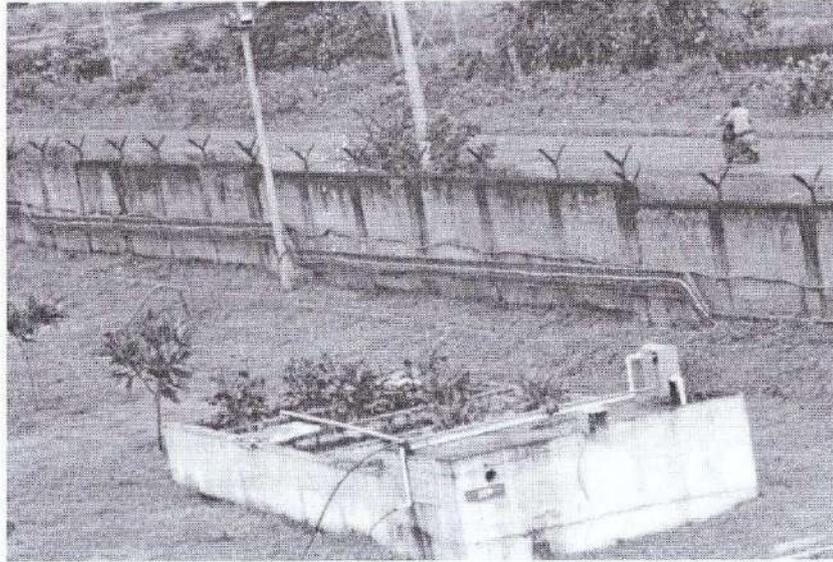
Rain harvesting pits made in



Plantation of Environment



Green belt development



STP Plant Capacity 50KLD

Apart from that, we are enclosing herewith following:

- Annexure-I: Wastewater Analysis
- Annexure-II: Ambient Air Quality Report
- Annexure-III: Stack Emission Report
- Annexure-IV: Noise Level Report

for: **Sagar Cements Limited,**


I.P. Srivastava
(Authorized Signatory)



Annexure-II



Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Enylab/24-25/TR-00195

Date: 04.04.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR MARCH-2025

- | | | |
|----|------------------------|--|
| 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 Area |
| 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)	CO (mg/m ³)
03.03.2025	55.0	32.6	8.7	11.8	0.28
06.03.2025	55.1	32.8	8.6	11.6	0.28
10.03.2025	54.7	32.5	8.3	11.5	0.25
13.03.2025	55.1	32.8	8.6	11.7	0.27
17.03.2025	54.6	32.4	8.5	11.4	0.25
20.03.2025	54.9	32.5	8.5	11.6	0.26
24.03.2025	54.6	32.4	8.4	11.5	0.25
27.03.2025	53.7	32.0	8.2	11.3	0.26
29.03.2025	55.3	32.7	8.8	11.9	0.28
Monthly Averages	54.78	32.52	8.5	11.6	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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


 Reviewed By


 Approved By



Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/24-25/TR-00196

Date: 04.04.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR MARCH-2025

- 1.Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
- 2.Sampling Locatio : AAQMS-2: Near Cement Mill Area
- 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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.03.2025	55.5	32.9	9.1	15.6	0.28
06.03.2025	56.8	33.3	9.3	15.9	0.29
10.03.2025	55.3	32.7	8.9	15.7	0.28
13.03.2025	54.9	32.4	8.7	15.4	0.27
17.03.2025	56.3	33.1	9.2	15.9	0.29
20.03.2025	54.8	31.9	8.6	15.4	0.26
24.03.2025	53.9	31.5	8.4	15.2	0.25
27.03.2025	54.8	31.8	8.6	15.5	0.26
29.03.2025	55.4	32.8	9	15.7	0.28
Monthly Average	55.3	32.5	8.9	15.6	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

R

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/24-25/TR-00197

Date:04.04.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR MARCH-2025

- 1.Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur)
- 2.Sampling Location : AAQMS-3: Near Hopper Building Area
- 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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.03.2025	55.6	33.1	8.9	11.9	0.29
06.03.2025	54.7	32.5	8.6	11.5	0.26
10.03.2025	54.2	31.8	8.4	11.3	0.25
13.03.2025	55.4	32.9	8.8	11.7	0.28
17.03.2025	56.2	33.3	9.1	12.1	0.29
20.03.2025	55.3	31.9	8.9	11.8	0.28
24.03.2025	54.8	32.0	8.5	11.5	0.26
27.03.2025	55.4	32.9	8.9	11.8	0.28
29.03.2025	54.9	32.5	8.7	11.6	0.27
Monthly Average	55.2	32.54	8.7	11.7	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Ref: Envlab/24-25/TR-00198

Date:04.04.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR MARCH-2025

- 1.Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur,Odisha)
- 2.Sampling Location : AAQMS-4: Near Truck Tippler Area
- 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)	CO (mg/m ³)
03.03.2025	56.1	33.0	9.1	14.8	0.29
06.03.2025	55.0	32.8	8.8	14.6	0.28
10.03.2025	54.7	32.4	8.6	14.4	0.26
13.03.2025	55.4	32.8	8.7	14.7	0.28
17.03.2025	56.2	32.8	8.9	14.7	0.29
20.03.2025	54.5	31.8	8.5	14.3	0.26
24.03.2025	55.1	32.6	8.7	14.7	0.28
27.03.2025	56.1	32.8	8.8	14.9	0.29
29.03.2025	54.7	32.4	8.7	14.5	0.26
Monthly Average	55.4	32.7	8.8	14.6	0.28
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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A. Sivaraj
Reviewed By



[Signature]
Approved By





Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Env/ah/24-25/1K-11382

Date: 05.11.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR OCT-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3 : Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.10.2024	55.1	33.2	8.7	12.3	0.27
07.10.2024	54.2	32.2	8.5	11.7	0.25
10.10.2024	54.6	32.7	8.5	11.9	0.26
14.10.2024	54.2	32.4	8.4	11.5	0.25
17.10.2024	54.7	32.8	8.4	11.7	0.26
21.10.2024	53.1	32.5	8.4	11.4	0.25
24.10.2024	52.7	32.3	8.3	11.2	0.24
28.10.2024	54.8	32.6	8.5	11.9	0.26
31.10.2024	55.3	33.1	8.7	12.2	0.27
Monthly Averages	54.3	32.6	8.5	11.8	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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(Committed For Better Environment)

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/IR-11383

Date:05.11.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR OCT-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4 : Near Truck Tippler Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.10.2024	54.6	32.5	8.6	14.7	0.27
07.10.2024	55.3	33.1	9.0	14.8	0.28
10.10.2024	54.9	32.7	8.8	14.8	0.26
14.10.2024	54.5	32.5	8.6	14.7	0.26
17.10.2024	55.2	33.0	9.1	14.9	0.28
21.10.2024	53.1	32.4	8.5	14.4	0.25
24.10.2024	52.8	32.3	8.3	14.3	0.25
28.10.2024	54.5	32.6	8.6	14.6	0.27
31.10.2024	54.9	32.8	8.8	14.9	0.27
Monthly Averages	54.4	32.7	8.7	14.7	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-3) RA2019	Gravimetric IS 5182 (Part-2) RA2019	Improved West and Gaeke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochhuber (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182 (Part 10) RA2009

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(Committed For Better Environment)

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-13510

Date: 07.12.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR NOV-2024

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 Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.11.2024	55.1	32.6	8.8	15.6	0.27
07.11.2024	54.7	32.0	8.6	15.2	0.26
11.11.2024	56.1	33.8	8.9	15.8	0.28
14.11.2024	54.5	32.1	8.6	15.5	0.26
18.11.2024	54.4	31.8	8.4	15.0	0.26
21.11.2024	53.7	31.6	8.3	14.7	0.25
25.11.2024	54.4	32.2	8.7	15.3	0.26
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Ref: Envlab/24-25/TR-13511

Date: 07.12.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR NOV-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.11.2024	54.8	32.6	8.6	11.8	0.26
07.11.2024	55.3	32.8	8.7	12.2	0.27
11.11.2024	56.2	33.2	8.9	12.4	0.28
14.11.2024	54.8	32.6	8.6	11.7	0.26
18.11.2024	55.1	32.8	8.7	12.2	0.27
21.11.2024	54.2	32.4	8.4	11.6	0.26
25.11.2024	54.8	32.6	8.5	11.8	0.26
28.11.2024	55.3	32.8	8.7	12.2	0.27
Monthly Averages	55.1	32.7	8.6	12.0	0.27
NAAQ Standard	100	60	80	80	4
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 & Hochbeiser (Na-Arsenite) IS 5182 (Part-6) RA 2017	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/TR-13512

Date: 07.12.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR NOV-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3 : Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.11.2024	54.9	32.5	8.6	11.6	0.26
07.11.2024	55.4	32.7	8.9	12.0	0.27
11.11.2024	54.8	32.6	8.6	11.5	0.26
14.11.2024	55.1	32.7	8.9	11.8	0.27
18.11.2024	54.8	32.8	8.7	11.6	0.26
21.11.2024	54.6	32.5	8.5	11.5	0.25
25.11.2024	53.8	32.2	8.3	11.4	0.25
28.11.2024	55.5	32.7	8.9	11.9	0.27
Monthly Averages	54.9	32.6	8.7	11.7	0.26
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-2): 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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-13513

Date:07.12.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR NOV-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4 : Near Truck Tippler Area
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)	CO (mg/m ³)
04.11.2024	55.4	32.5	8.7	14.9	0.28
07.11.2024	54.8	32.3	8.5	14.6	0.27
11.11.2024	56.2	32.6	9	14.9	0.28
14.11.2024	54.3	32	8.4	14.5	0.26
18.11.2024	53.9	31.6	9.1	14.4	0.25
21.11.2024	54.7	32.3	8.5	14.6	0.26
25.11.2024	55.6	32.7	8.7	14.8	0.28
28.11.2024	54.8	32.1	8.5	14.6	0.27
Monthly Averages	55.0	32.3	8.7	14.7	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-14254

Date: 06.01.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR DEC-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.12.2024	55.5	32.7	8.9	15.7	0.28
05.12.2024	55.1	32.0	8.7	15.5	0.27
09.12.2024	54.7	31.8	8.5	15.3	0.26
12.12.2024	54.9	32.0	8.7	15.5	0.26
16.12.2024	54.8	31.7	8.5	15.3	0.26
19.12.2024	53.2	31.2	8.2	14.8	0.25
23.12.2024	55.4	32.1	8.8	15.5	0.26
26.12.2024	55.2	32.2	9.1	15.9	0.28
Monthly Averages	54.8	31.96	8.67	15.44	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/TR-14255

Date: 06.01.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR DEC-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.12.2024	56.2	33.1	8.9	12.3	0.28
05.12.2024	55.6	32.8	8.8	12.1	0.28
09.12.2024	55.4	32.6	8.7	12.0	0.27
12.12.2024	54.9	32.4	8.5	11.8	0.26
16.12.2024	55.6	32.8	8.8	12.2	0.27
19.12.2024	54.4	32.6	8.4	11.5	0.26
23.12.2024	54.7	32.7	8.6	11.6	0.26
26.12.2024	56.1	33.2	9.1	12.4	0.28
Monthly Averages	55.4	32.77	8.72	11.99	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10). RA2009

Remarks:

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Ref: Envlab/24-25/TR-14256

Date:06.01.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR DEC-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3 : Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.12.2024	55.2	32.7	8.8	11.9	0.27
05.12.2024	55.7	32.9	9.0	12.2	0.28
09.12.2024	54.5	32.4	8.4	11.7	0.26
12.12.2024	55.5	32.7	8.8	12.0	0.28
16.12.2024	55.1	32.8	8.6	11.9	0.27
19.12.2024	53.8	32.4	8.3	11.4	0.25
23.12.2024	54.9	32.5	8.4	11.7	0.26
26.12.2024	55.1	32.6	8.9	11.9	0.27
Monthly Averages	55.0	32.62	8.65	11.84	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Ref: Envlab/24-25/TR-14257

Date:06.01.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR DEC-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4 : Near Truck Tippler Area
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)	CO (mg/m ³)
02.12.2024	55.7	32.7	8.9	14.9	0.28
05.12.2024	55.2	32.6	8.7	14.7	0.28
09.12.2024	56.6	32.8	9.1	15.0	0.29
12.12.2024	55.0	32.5	8.6	14.6	0.27
16.12.2024	54.8	32.0	8.4	14.4	0.26
19.12.2024	53.9	31.7	8.3	14.2	0.25
23.12.2024	55.5	32.7	8.8	14.8	0.28
26.12.2024	56.4	32.9	9.0	14.9	0.29
Monthly Averages	55.36	32.49	8.72	14.69	0.28
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Ref: Envlab/24-25/TR-16124

Date: 07.02.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR JAN-2025

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.01.2025	55.1	32.6	8.8	15.6	0.28
07.01.2025	54.9	32.1	8.6	15.4	0.27
10.01.2025	54.4	31.6	8.4	15.2	0.25
15.01.2025	55.1	32.2	8.6	15.4	0.27
17.01.2025	54.6	31.8	8.4	15.2	0.26
20.01.2025	53.8	30.9	8.3	15.1	0.25
23.01.2025	54.7	31.7	8.5	15.3	0.26
27.01.2025	55.2	32.3	8.9	15.5	0.28
30.01.2025	54.6	31.7	8.5	15.3	0.26
Monthly Averages	54.71	31.88	8.56	15.33	0.26
NAAQ Standard p	100	60	80	80	4
Testing method p	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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-16125

Date: 07.02.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR JAN-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2: Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.01.2025	55.6	32.8	8.9	12.0	0.28
07.01.2025	54.7	32.6	8.6	11.7	0.27
10.01.2025	55.0	32.4	8.5	11.8	0.28
15.01.2025	54.5	32.2	8.4	11.6	0.25
17.01.2025	55.1	32.4	8.7	11.9	0.28
20.01.2025	53.6	31.8	8.2	11.3	0.25
23.01.2025	54.9	32.3	8.4	11.5	0.26
27.01.2025	55.4	32.9	8.9	12.1	0.28
30.01.2025	54.6	32.5	8.6	11.6	0.27
Monthly Average	54.82	32.73	8.58	11.72	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/TR-16126

Date:05.07.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR JAN-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3: Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.01.2025	55.0	32.6	8.7	11.8	0.28
07.01.2025	55.1	32.8	8.6	11.6	0.28
10.01.2025	54.7	32.5	8.3	11.5	0.25
15.01.2025	55.1	32.8	8.6	11.7	0.27
17.01.2025	54.6	32.4	8.5	11.4	0.25
20.01.2025	54.9	32.5	8.5	11.5	0.26
23.01.2025	54.6	32.4	8.4	11.5	0.25
27.01.2025	53.7	32.0	8.2	11.3	0.26
30.01.2025	55.3	32.7	8.8	11.9	0.28
Monthly Average	54.78	32.52	8.51	11.58	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/TR-16127

Date:07.02.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR JAN-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4: Near Truck Tippler Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.01.2025	56.1	33.0	9.1	14.8	0.29
07.01.2025	55.0	32.8	8.8	14.6	0.28
10.01.2025	54.7	32.4	8.6	14.4	0.26
15.01.2025	55.4	32.8	8.7	14.7	0.28
17.01.2025	56.2	32.8	8.9	14.7	0.29
20.01.2025	54.5	31.8	8.5	14.3	0.26
23.01.2025	55.1	32.6	8.7	14.7	0.28
27.01.2025	56.1	32.8	8.8	14.9	0.29
30.01.2025	54.7	32.4	8.7	14.5	0.26
Monthly Average	55.31	32.6	8.76	14.62	0.28
NAAQ Standard	100	60	80	80	4
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 & Hochbeiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

TERMS AND CONDITION: -

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



Ref: Envlab/24-25/TR-17390

Date: 07.03.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR FEB-2025

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 Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.02.2025	56.4	33.2	9.0	15.8	0.29
03.02.2025	55.2	32.7	8.8	15.6	0.28
06.02.2025	54.8	31.9	8.6	15.4	0.26
10.02.2025	54.7	31.8	8.4	15.2	0.26
13.02.2025	55.4	32.8	8.7	15.7	0.28
17.02.2025	54.6	31.7	8.5	15.1	0.26
20.02.2025	55.3	32.6	8.9	15.5	0.28
24.02.2025	54.3	32.5	8.4	15.3	0.26
27.02.2025	54.8	31.9	8.7	15.5	0.27
Monthly Averages	55.1	32.34	8.67	15.45	0.27
NAAQ Standard	100	60	80	80	4
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-5) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Ref: Envlab/24-25/TR-17391

Date: 07.03.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR FEB-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2: Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.02.2025	55.1	32.9	8.9	11.8	0.28
03.02.2025	53.9	31.4	8.2	11.3	0.25
06.02.2025	54.8	31.7	8.4	11.5	0.26
10.02.2025	55.3	33.2	8.7	11.8	0.28
13.02.2025	55.6	33.4	9.0	12.1	0.28
17.02.2025	54.2	31.5	8.2	11.2	0.26
20.02.2025	54.7	31.7	8.3	11.6	0.27
24.02.2025	55.3	33.1	8.8	12.0	0.28
27.02.2025	54.7	31.4	8.3	11.4	0.26
Monthly Average	54.84	32.25	8.53	11.63	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182 (Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/TR-17392

Date: 07.03.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR FEB-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3: Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.02.2025	56.0	33.3	8.9	12.1	0.29
03.02.2025	55.3	32.6	8.8	11.8	0.28
06.02.2025	53.9	31.7	8.4	11.4	0.25
10.02.2025	54.8	32.8	8.5	11.6	0.26
13.02.2025	55.3	33.1	8.7	11.8	0.28
17.02.2025	54.6	32.0	8.4	11.6	0.27
20.02.2025	55.3	33.3	8.8	11.8	0.28
24.02.2025	54.7	32.3	8.6	11.4	0.27
27.02.2025	55.6	33.0	8.9	11.9	0.28
Monthly Average	55.0	32.7	8.67	11.71	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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(Committed For Better Environment)

Ref: Envlab/24-25/TR-17393

Date:07.03.2025

AMBIENT AIR QUALITY MONITORING REPORT FOR FEB-2025

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinga agar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4: Near Truck Tippler Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.02.2025	55.3	33.1	8.8	14.7	0.28
03.02.2025	55.8	33.6	9.0	14.9	0.28
06.02.2025	54.4	31.7	8.4	14.5	0.26
10.02.2025	56.4	33.8	9.1	14.9	0.29
13.02.2025	55.3	33.0	8.9	14.7	0.28
17.02.2025	54.7	31.4	8.4	14.5	0.26
20.02.2025	55.4	33.2	8.8	14.8	0.28
24.02.2025	54.9	31.2	8.5	14.6	0.26
27.02.2025	55.5	33.5	8.9	14.9	0.28
Monthly Average	55.3	32.72	8.76	14.72	0.27
NAAQ Standard	100	60	80	80	4
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 & Hochriser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-08242

Date: 03.08.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.07.2024	54.5	34.6	8.5	13.1	0.28
04.07.2024	53.4	33.5	8.3	12.6	0.26
08.07.2024	54.1	34.1	8.4	12.8	0.27
11.07.2024	53.0	33.2	8.3	12.2	0.26
15.07.2024	54.6	34.5	8.5	13.2	0.27
18.07.2024	53.5	33.3	8.3	12.6	0.27
22.07.2024	54.3	34.0	8.4	12.9	0.28
25.07.2024	52.8	32.8	8.2	12.5	0.25
29.07.2024	54.5	34.7	8.5	13.2	0.28
Monthly Averages	54.0	33.8	8.40	12.8	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gacke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

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● Water Resource Management
● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/24-25/TR-08243

Date:06.08.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.07.2024	54.5	34.6	8.5	13.1	0.28
04.07.2024	53.4	33.5	8.3	12.6	0.26
08.07.2024	54.1	34.1	8.4	12.8	0.27
11.07.2024	53	33.2	8.3	12.2	0.26
15.07.2024	54.6	34.5	8.5	13.2	0.27
18.07.2024	53.5	33.3	8.3	12.6	0.27
22.07.2024	54.3	34	8.4	12.9	0.28
25.07.2024	52.8	32.8	8.2	12.5	0.25
29.07.2024	54.5	34.7	8.5	13.2	0.28
Monthly Averages	53.8	33.8	8.37	12.78	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
 Environment Lab
 Food Lab
 Material Lab
 Soil Lab
 Mineral Lab
 &
 Microbiology Lab

Ref: Envlab/24-25/TR-08244

Date:06.08.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2024

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

Date	PARAMETERS				
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
01.07.2024	53.5	32.5	8.4	13.7	0.25
04.07.2024	54.2	32.8	8.5	14.1	0.27
08.07.2024	51.7	31.5	8.2	13.4	0.25
11.07.2024	54.2	32.7	8.5	14.1	0.27
15.07.2024	53.4	32.4	8.3	13.9	0.26
18.07.2024	54.9	33.1	8.5	14.2	0.27
22.07.2024	52.8	32.2	8.3	13.5	0.26
25.07.2024	55.2	33.3	8.6	14.3	0.28
29.07.2024	54.9	33.4	8.5	14.1	0.27
Monthly Averages	53.9	32.6	8.42	13.92	0.26
NAAQ Standard	100	60	80	80	4
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 & Hochbeiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009.

Remarks:

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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Ref: Envlab/24-25/TR-09212

Date: 05.09.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR AUG-2024

- Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
- Sampling Location : AAQMS-1 : Near Plant Main Gate Area
- Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
- 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)	CO (mg/m ³)
01.08.2024	53.6	32.7	8.7	15.8	0.26
05.08.2024	52.4	32.2	8.7	15.3	0.25
08.08.2024	54.7	33.4	8.9	16.2	0.27
12.08.2024	53.5	32.5	8.8	15.5	0.26
15.08.2024	51.8	31.8	8.3	15.2	0.25
19.08.2024	53.8	33.0	8.8	15.9	0.26
22.08.2024	54.1	33.2	8.7	16.1	0.27
26.08.2024	52.7	32.5	8.6	15.4	0.25
30.08.2024	53.4	32.7	8.7	15.7	0.26
Monthly Averages	53.3	32.7	8.7	15.7	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

● Infrastructure Engineering
● Water Resource Management
● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral Sub-Soil Exploration
● Waste Management Services

Ref: Envlab/24-25/TR-09213

Date: 05.09.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR AUG-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
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)	CO (mg/m ³)
01.08.2024	54.0	33.2	8.4	12.6	0.27
05.08.2024	52.8	32.8	8.3	12.1	0.26
08.08.2024	53.5	32.7	8.4	12.3	0.26
12.08.2024	54.2	33.4	8.4	12.7	0.27
15.08.2024	53.4	33.0	8.3	12.0	0.26
19.08.2024	54.8	33.5	8.5	12.6	0.27
22.08.2024	53.7	32.9	8.2	12.4	0.26
26.08.2024	54.2	33.3	8.4	12.8	0.27
29.08.2024	55.3	33.8	8.6	13.3	0.28
Monthly Averages	53.9	33.2	8.4	12.5	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gacke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182 (Part 10) RA2009

Remarks:

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Food Lab
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Mineral Lab
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Microbiology Lab

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● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral Sub-Soil Exploration
● Waste Management Services

Ref: Envlab/24-25/TR-09214

Date: 05.09.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR AUG-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-3 : Near Hopper Building Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.08.2024	53.8	33.4	8.4	12.6	0.27
05.08.2024	52.4	32.6	8.3	11.9	0.25
08.08.2024	54.4	33.9	8.5	12.8	0.28
12.08.2024	53.1	32.7	8.2	12.1	0.26
15.08.2024	52.7	32.5	8.1	12.0	0.25
19.08.2024	54.3	33.8	8.5	12.5	0.28
22.08.2024	53.9	33.4	8.4	12.3	0.27
26.08.2024	54.1	33.6	8.3	12.3	0.27
29.08.2024	54.8	34.1	8.7	12.8	0.28
Monthly Averages	53.7	33.3	8.4	12.4	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182 (Part 10) RA2009

Remarks:

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- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
 Environment Lab
 Food Lab
 Material Lab
 Soil Lab
 Mineral Lab
 A
 Microbiology Lab

Ref: Envlab/24-25/TR-09215

Date:05.09.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR AUG-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
 (Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
 2. Sampling Location : AAQMS-4 : Near Truck Tippler Area
 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)	CO (mg/m ³)
01.08.2024	53.8	32.7	9.1	15.8	0.26
05.08.2024	52.4	32.2	8.7	15.3	0.25
08.08.2024	54.7	33.4	9.4	16.2	0.27
12.08.2024	53.5	32.5	8.8	15.5	0.26
15.08.2024	51.8	31.8	8.4	15.2	0.25
19.08.2024	53.8	33.0	8.9	15.9	0.26
22.08.2024	54.1	33.2	9.2	16.1	0.27
26.08.2024	52.7	32.5	8.8	15.4	0.25
29.08.2024	53.8	32.7	9.0	15.7	0.26
Monthly Averages	53.4	32.7	8.9	15.7	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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


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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-10376

Date: 05.10.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR SEPT-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.09.2024	54.2	32.9	8.7	15.6	0.26
05.09.2024	53.3	32.1	8.4	14.8	0.25
09.09.2024	55.1	33.5	9.0	16.3	0.28
12.09.2024	54.2	32.7	8.7	15.7	0.26
16.09.2024	52.5	31.5	8.2	14.5	0.24
19.09.2024	53.2	32.0	8.6	14.8	0.25
23.09.2024	54.8	32.9	8.9	16.0	0.27
26.09.2024	53.9	32.7	8.8	15.2	0.26
30.09.2024	54.0	32.6	8.6	15.6	0.26
Monthly Averages	53.9	32.5	8.7	15.4	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017 Certified

Ref: Envlab/24-25/TR-10377

Date: 05.10.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR SEPT-2024)

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.09.2024	53.7	32.6	8.4	12.3	0.25
05.09.2024	54.2	33.0	8.3	12.4	0.26
09.09.2024	55.3	33.4	8.6	12.6	0.28
12.09.2024	54.6	33.2	8.4	12.4	0.27
16.09.2024	53.2	32.5	8.3	12.3	0.25
19.09.2024	54.8	32.8	8.5	12.4	0.27
23.09.2024	55.4	33.3	8.6	12.5	0.28
26.09.2024	53.6	32.5	8.3	12.2	0.25
30.09.2024	54.5	33.0	8.3	12.1	0.25
Monthly Averages	54.4	32.9	6.4	12.4	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part-10) RA2009

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Ref: Envlab/24-25/TR-10378

Date:05.10.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR SEPT-2024

- 1.Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
- 2.Sampling Location : AAQMS-3 : Near Hopper Building Area
- 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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.09.2024	54.2	33.2	8.5	12.2	0.26
05.09.2024	53.1	32.5	8.4	11.6	0.25
09.09.2024	54.1	33.3	8.5	12.0	0.26
12.09.2024	53.8	32.9	8.3	11.9	0.25
16.09.2024	53.1	32.6	8.3	11.6	0.25
19.09.2024	55.3	33.9	8.5	12.6	0.28
23.09.2024	54.1	33.2	8.4	12.0	0.26
26.09.2024	54.9	33.6	8.5	12.4	0.27
30.09.2024	54.5	33.3	8.4	12.2	0.26
Monthly Averages	54.1	33.2	8.4	12.1	0.26
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gaele method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (No-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Ref: Envlab/24-25/TR-10379

Date:05.10.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR SEPT-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur, Odisha)
2. Sampling Location : AAQMS-4 : Near Truck Tippler Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.09.2024	54.8	32.9	8.9	14.9	0.27
05.09.2024	53.1	32.6	8.7	14.7	0.25
09.09.2024	55.3	33.6	9.4	15.9	0.28
12.09.2024	54.1	32.6	8.7	15.2	0.27
16.09.2024	53.0	31.9	8.4	14.9	0.25
19.09.2024	54.3	32.7	8.9	15.4	0.27
23.09.2024	55.2	33.5	9.3	16.0	0.28
26.09.2024	53.2	32.3	8.5	15.2	0.25
30.09.2024	54.8	32.9	9.0	15.3	0.27
Monthly Averages	54.2	32.8	8.9	15.3	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Ref: Enviab/24-25/1R-11380

Date: 05.11.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR OCT-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.10.2024	54.8	32.5	8.6	15.5	0.26
07.10.2024	54.2	32.2	8.5	15.2	0.25
10.10.2024	56.2	33.2	8.9	15.9	0.27
14.10.2024	54.6	32.7	8.7	15.6	0.26
17.10.2024	53.2	31.9	8.5	14.7	0.25
21.10.2024	52.1	31.7	8.3	14.5	0.24
24.10.2024	53.9	32.1	8.6	15.3	0.25
28.10.2024	54.2	32.6	8.5	15.5	0.26
31.10.2024	54.7	32.8	8.6	15.7	0.26
Monthly Averages	54.2	32.4	8.6	15.3	0.26
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gaehe method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Ref: Envlab/24-25/HR-11381

Date: 05.11.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR OCT-2024

1. Name of Industry : M/s SAGAR CEMENTS LIMITED, JAJPUR
(Kalinganagar Industrial complex, Danagadi, Jajpur)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
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 ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.10.2024	54.5	32.7	8.5	11.9	0.25
07.10.2024	55.0	32.9	8.6	12.1	0.26
10.10.2024	55.7	33.5	8.8	12.8	0.28
14.10.2024	54.3	32.7	8.6	12.4	0.26
17.10.2024	54.5	32.8	8.5	12.4	0.26
21.10.2024	53.8	32.4	8.4	12.3	0.25
24.10.2024	52.9	32.4	8.2	12.2	0.24
28.10.2024	54.8	32.7	8.5	12.5	0.26
31.10.2024	56.0	33.3	8.7	12.7	0.27
Monthly Averages	54.6	32.8	8.5	12.4	0.26
NAAQ Standard	100	60	80	80	4
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 Jaeh & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Microbiology Lab

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• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-04381

Date: 06.05.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR APRIL-2024

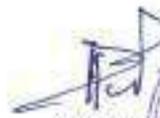
- Name of Industry : M/s Jajpur Cements Pvt. Ltd, Jajpur, Odisha.
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : AAQMS-1 : Near Plant Main Gate Area
- Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
- Sample Collected By : VCSPL representative in presence of JCPL representative

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.04.2024	54.0	32.8	8.7	16.0	0.27
08.04.2024	55.2	33.7	8.9	16.2	0.28
11.04.2024	54.2	33.0	8.5	15.8	0.25
15.04.2024	55.3	34.1	8.9	16.3	0.28
18.04.2024	55.2	35.4	9.0	16.6	0.29
22.04.2024	54.6	32.8	8.6	15.9	0.26
25.04.2024	54.2	32.6	8.5	15.8	0.25
29.04.2024	55.1	34.2	8.9	16.2	0.28
Monthly Averages	54.7	33.6	8.8	16.1	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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

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&
Microbiology Lab

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-04382

Date: 06.05.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR APRIL-2024

1. Name of Industry : M/s Jajpur Cements Pvt. Ltd; Jajpur, Odisha.
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
3. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
4. Sample Collected By : VCSPL representative in presence of JCPL representative

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.04.2024	56.4	35.8	8.7	14.6	0.28
08.04.2024	54.3	33.2	8.3	13.9	0.25
11.04.2024	56.2	36.1	8.7	14.8	0.29
15.04.2024	55.3	35.7	8.5	14.4	0.27
18.04.2024	54.6	33.2	8.3	14.3	0.25
22.04.2024	55.2	35.8	8.5	14.4	0.27
25.04.2024	56.0	36.0	8.7	14.6	0.28
29.04.2024	55.7	35.8	8.6	14.5	0.27
Monthly Averages	55.5	35.2	8.5	14.4	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Geake method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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Reviewed By 


Approved By 




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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Seil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-04383

Date:06.05.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR APRIL-2024

- Name of Industry : M/s Jajpur Cements Pvt. Ltd; Jajpur, Odisha.
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : AAQMS-3 : Near Hopper Building Area
- Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
- Sample Collected By : VCSPL representative in presence of JCPL representative

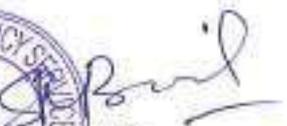
Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.04.2024	55.4	34.2	8.5	13.5	0.28
08.04.2024	54.2	33.0	8.0	13.1	0.26
11.04.2024	53.5	32.8	7.8	12.8	0.25
15.04.2024	52.6	32.6	7.7	12.6	0.25
18.04.2024	53.8	32.9	8.0	12.9	0.25
22.04.2024	54.7	33.4	8.2	13.1	0.26
25.04.2024	55.5	34.4	8.5	13.6	0.28
29.04.2024	54.3	33.1	8.1	13.0	0.26
Monthly Averages	54.2	33.3	8.1	13.1	0.26
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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

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Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-04384

Date:06.05.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR APRIL-2024

- Name of Industry : **M/s Jajpur Cements Pvt.Ltd; Jajpur, Odisha.**
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : **AAQMS-4 : Near Truck Tippler Area**
- Monitoring Instruments : **RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.**
- Sample Collected By : **VCSPL representative in presence of JCPL representative**

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
04.04.2024	55.6	33.4	8.7	14.6	0.28
08.04.2024	53.5	32.4	8.1	13.6	0.25
11.04.2024	54.2	32.7	8.3	13.8	0.26
15.04.2024	53.5	32.4	7.9	13.5	0.25
18.04.2024	54.8	32.9	8.3	14.0	0.27
22.04.2024	55.3	33.3	8.6	14.4	0.28
25.04.2024	54.4	32.6	8.3	14.1	0.26
29.04.2024	55.1	33.2	8.6	14.5	0.28
Monthly Averages	54.5	32.9	8.3	14.1	0.26
NAAQ Standard	100	60	80	80	7
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Reviewed By 

BBSR

VISIONTEK CONSULTANCY SERVICES PVT. LTD.

Approved By 

BBSR

VISIONTEK CONSULTANCY SERVICES PVT. LTD.



Visiontek Consultancy Services Pvt. Ltd.

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Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

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● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Ref: Envlab/24-25/TR-03086

Date: 05.06.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR MAY-2024

- Name of Industry : **M/s Jajpur Cements Pvt. Ltd, Jajpur, Odisha.**
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : **AAQMS-1 : Near Plant Main Gate Area**
- Monitoring Instruments : **RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.**
- Sample Collected By : **VC SPL representative in presence of JCPL representative**

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.05.2024	55.4	34.3	8.9	16.1	0.28
05.05.2024	54.1	33.9	8.7	15.8	0.26
09.05.2024	52.8	33.2	8.4	15.5	0.25
13.05.2024	53.6	33.5	8.5	15.7	0.25
16.05.2024	55.5	35.2	9.1	16.2	0.28
20.05.2024	54.8	34.1	8.7	15.9	0.26
23.05.2024	55.1	35.2	9.0	16.1	0.28
27.05.2024	54.2	34.0	8.6	15.7	0.26
Monthly Averages	54.43	34.17	8.73	15.9	0.26
NAAQ Standard	100	60	80	80	4
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 & Hachheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks:

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● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Ref: Envlab/24-25/TR-03087

Date: 05.06.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR MAY-2024

1. Name of Industry : M/s Jajpur Cements Pvt. Ltd; Jajpur, Odisha.
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
2. Sampling Location : AAQMS-2 : Near Cement Mill Area
3. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
4. Sample Collected By : VCSPL representative in presence of JCPL representative

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.05.2024	54.8	35.6	8.3	14.1	0.27
05.05.2024	53.8	36.2	8.5	14.3	0.28
09.05.2024	56.3	36.4	8.6	14.7	0.29
13.05.2024	55.4	35.6	8.5	14.3	0.28
16.05.2024	54.6	34.8	7.9	14.0	0.25
20.05.2024	56.1	36.6	8.6	14.6	0.26
23.05.2024	54.9	34.8	8.1	13.9	0.26
27.05.2024	55.5	35.9	8.4	14.4	0.28
Monthly Averages	55.42	35.73	8.4	14.3	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Soil Lab
Mineral Lab
&
Microbiology Lab

● Infrastructure Engineering
● Water Resource Management
● Environmental & Social Study

● Surface & Sub-Surface Investigation
● Quality Control & Project Management
● Renewable Energy

● Agricultural Development
● Information Technology
● Public Health Engineering

● Mine Planning & Design
● Mineral/Sub-Soil Exploration
● Waste Management Services

Ref: Envlab/24-25/TR-03088

Date:05.06.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR MAY-2024

- Name of Industry : M/s Jajpur Cements Pvt. Ltd; Jajpur, Odisha.
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : AAQMS-3 : Near Hopper Building Area
- Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
- Sample Collected By : VCSPL representative in presence of JCPL representative

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.05.2024	55.5	33.8	8.3	13.1	0.28
05.05.2024	54.4	33.5	8.2	12.7	0.27
09.05.2024	53.8	33.3	8	12.5	0.26
13.05.2024	52.7	33.1	7.8	12.3	0.25
16.05.2024	55.1	34.3	8.3	12.9	0.28
20.05.2024	53.8	33.9	7.9	12.5	0.26
23.05.2024	54.5	33.8	8.2	12.8	0.27
27.05.2024	55.2	34.2	8.3	13.1	0.28
Monthly Averages	54.37	33.73	8.1	12.73	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA2019	Gravimetric IS 5182 (Part-24) RA2019	Improved West and Gueke method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182(Part 10) RA2009

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Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

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• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-03089

Date:05.06.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR MAY-2024

- Name of Industry : **M/s Jajpur Cements Pvt.Ltd; Jajpur, Odisha.**
(A Wholly owned Subsidiary of SAGAR CEMENTS LIMITED)
- Sampling Location : **AAQMS-4 : Near Truck Tippler Area**
- Monitoring Instruments : **RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.**
- Sample Collected By : **VCSPL representative in presence of JCPL representative**

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
02.05.2024	55.4	32.7	8.4	14.3	0.28
05.05.2024	53.9	32.2	7.9	13.6	0.25
09.05.2024	55.8	32.6	8.3	14.3	0.28
13.05.2024	54.1	31.9	8.1	13.8	0.25
16.05.2024	53.5	31.3	8.2	13.9	0.25
20.05.2024	55.5	32.8	8.3	14.3	0.28
23.05.2024	54.8	32.2	7.9	13.8	0.26
27.05.2024	55.3	32.7	8.3	14.2	0.28
Monthly Averages	54.78	32.3	8.17	14.02	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009

Remarks

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- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
 Environment Lab
 Food Lab
 Material Lab
 Soil Lab
 Mineral Lab
 &
 Microbiology Lab

Ref: Envlab/24-25/TR-05300

Date: 05.07.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JUNE-2024

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 Area
3. Monitoring Instruments : RDS (APM 460 BL), FPS (APM 550) Envirotech, CO Analyzer.
4. Sample Collected By : VCSPL representative in presence of JCPL representative

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.06.2024	55.2	34.8	9.1	16.3	0.29
06.06.2024	53.8	32.9	8.6	15.6	0.25
10.06.2024	54.5	33.3	8.9	15.8	0.26
13.06.2024	55.2	34.2	9.0	16.1	0.28
17.06.2024	54.1	33.9	8.7	15.8	0.27
20.06.2024	55.2	34.4	9.0	16.1	0.28
24.06.2024	53.8	33.1	8.5	15.7	0.26
27.06.2024	56.3	34.6	9.2	16.3	0.28
Monthly Averages	54.89	33.9	8.88	15.96	0.27
NAAQ Standard	100	60	80	80	4
P Testing method e P	Gravimetric IS 5182 (Part-23) RA:2019	Gravimetric IS 5182 (Part-24) RA:2019	Improved West and Gaele method IS 5182 (Part-2) RA 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA 2012	NDIR Spectroscopy IS 5182 (Part 10) RA:2009

Remarks:

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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, prevent willful negligence.

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Approved By 




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Food Lab
Material Lab
Soil Lab
Mineral Lab
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Microbiology Lab

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• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-05301

Date: 05.07.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JUNE-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
03.06.2024	55.1	35.2	8.5	14.2	0.28
06.06.2024	54.8	33.9	8.2	14.1	0.27
10.06.2024	55.3	35.5	8.6	14.4	0.28
13.06.2024	54.4	33.9	8.2	14.0	0.25
17.06.2024	55.2	34.8	8.5	14.3	0.28
20.06.2024	56.6	35.7	8.7	14.7	0.29
24.06.2024	54.3	34.7	8.1	14.0	0.27
27.06.2024	55.1	35.3	8.5	14.3	0.28
Monthly Averages	55.10	34.87	8.41	14.25	0.28
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182 (Part 10) RA2009

Remarks:

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Reviewed By



Approved By



Visiontek Consultancy Services Pvt. Ltd.

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Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

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- Surface & Sub-Surface Investigation
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- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral Sub-Soil Exploration
- Waste Management Services

Laboratory Services
 Environment Lab
 Food Lab
 Material Lab
 Soil Lab
 Mineral Lab
 &
 Microbiology Lab

Ref: Envlab/24-25/TR-05302

Date: 05.07.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JUNE-2024

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

Date	PARAMETERS				
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
03.06.2024	55.2	34.0	8.5	13.3	0.28
06.06.2024	54.9	33.7	8.3	12.7	0.27
10.06.2024	54.7	33.7	8.4	12.6	0.25
13.06.2024	53.4	33.3	8.1	12.4	0.25
17.06.2024	55.5	34.1	8.4	13.3	0.28
20.06.2024	54.2	33.4	8.0	12.7	0.26
24.06.2024	55.1	34.0	8.4	13.2	0.28
27.06.2024	53.9	33.5	8.2	12.8	0.25
Monthly Averages	54.61	33.71	8.29	12.87	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA:2019	Gravimetric IS 5182 (Part-24) RA:2019	Improved West and Gaeke method IS 5182 (Part-2) RA:2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA:2012	NDIR Spectroscopy IS 5182 (Part 10) RA:2009

Remarks:

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• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/24-25/TR-05305

Date:05.07.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JUNE-2024

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

Date	PARAMETERS				
	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
03.06.2024	54.6	32.7	8.3	13.8	0.26
06.06.2024	55.3	33.2	8.4	14.2	0.28
10.06.2024	52.9	31.9	8.3	13.5	0.25
13.06.2024	53.9	32.6	8.2	13.8	0.26
17.06.2024	54.8	32.8	8.2	14.0	0.27
20.06.2024	55.1	33.3	8.4	14.3	0.28
24.06.2024	53.9	32.6	8.0	13.7	0.26
27.06.2024	56.2	33.4	8.4	14.3	0.28
Monthly Averages	54.59	32.81	8.28	13.95	0.27
NAAQ Standard	100	60	80	80	4
Testing method	Gravimetric IS 5182 (Part-23) RA:2019	Gravimetric IS 5182 (Part-24) RA:2019	Improved West and Gaeke method IS 5182 (Part-2) RA: 2017	Modified Jacob & Hochheiser (Na-Arsenite) IS 5182 (Part-6) RA: 2012	NDIR Spectroscopy IS 5182(Part 10) RA:2009

Remarks:

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Ref: Envlab/24-25/TR-08241

Date: 06.08.2024

AMBIENT AIR QUALITY MONITORING REPORT FOR JULY-2024

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

Date	PARAMETERS				
	PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
01.07.2024	54.5	33.7	8.9	15.9	0.27
04.07.2024	52.5	32.6	8.4	15.7	0.25
08.07.2024	55.3	34.6	9.2	16.1	0.28
11.07.2024	54.5	33.8	9.0	16.0	0.27
15.07.2024	53.6	32.9	8.6	15.5	0.26
18.07.2024	54.3	33.4	8.9	15.8	0.27
22.07.2024	52.5	32.5	8.3	15.5	0.25
25.07.2024	54.3	33.7	9.0	16	0.27
29.07.2024	54.1	34.5	9.1	16.2	0.28
Monthly Averages	53.9	33.5	8.82	15.85	0.27
NAAQ Standard	100	60	80	80	4
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	NDIR Spectroscopy IS 5182(Part 10) RA2009



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