



SAGAR CEMENTS (M) PRIVATE LIMITED

(A Subsidiary of SAGAR CEMENTS LIMITED)

Date: 30.12.2023

PCB ID: - Cement Plant -124536

To,
The Member Secretary
MP Pollution Control Board
Paryavaran Pariser, E-5, Arera colony
Bhopal (MP) -462016

Sub: Submission of Half yearly(two Quarters) reports of Sagar Cements (M) Private Limited.

Ref: Your letter EC vide letter no. 1043/SEIAA/2023 Dated- 03.08.2023

Dear Sir,

As per above subjected letter, we are submitting herewith half yearly (two Quarters) third party reports of cement manufacturing unit M/s Sagar Cements (M) Pvt. Ltd. located at village Karondiya, The- Gandhwani District - Dhar (MP) between the period of **April -2023 to September-2023** for kind information please.

Regards,

Yours faithfully
For Sagar Cements (M) Private Limited.
(Dhar) MP

Niraj Kumar Shrivastava
Vice President

cc:

The Additional Principal Chief Conservator of Forest (Central),
Ministry of Environment, Forest & Climate Change,
Regional Office, Western Region, Kendriya Paryavaran Bhawan,
Link Road No.3, E-5, Ravishankar Nagar, Bhopal-462016(M.P.)

cc:

The Member Secretary
State Environmental Impact Assessment Authority M.P.
Environmental Planning & coordination organization
Paryavaran Parisal, E-5 Arera colony
Bhopal, Madhya Pradesh- 462016

cc:

The Regional Officer
M.P.Pollution Control Board,
Vikas Bhawan, Sector-2 PithamPur,
Dist-Dhar, Madhya Pradesh

Name of the Project	Sagar Cements (M) Private Limited
Environment Clearance Letter No.	1043/SEIAA/2023 Dated- 03.08.2023

THIRD PARTY MONITORING SUMMARRIZED REPORT

Ambient Air Monitoring

Sagar Cement (M) Private Limited											
Ambient Air Quality Monitoring Report											
Test Results											
Location---			East Direction Near WTP		West Direction Near Store		North Direction Near Lime Stone Crusher		South Direction Near Main Security Gate		Specification
S No.	Parameter	Unit	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	
1	PM10	$\mu\text{g}/\text{m}^3$	42.3	50.3	86.9	82.2	60.3	66.3	67.9	73.8	Max. 100
2	PM2.5	$\mu\text{g}/\text{m}^3$	16.00	18.3	38.3	34.9	25.9	27.9	29.6	32.1	Max. 60
3	SO ₂	$\mu\text{g}/\text{m}^3$	6.6	10.1	11.8	11.1	8.8	13.0	11.1	15.0	Max. 80
4	NO ₂	$\mu\text{g}/\text{m}^3$	9.9	14.0	27.7	26.0	14.2	17.0	17.7	22.9	Max. 80
5	CO	$\mu\text{g}/\text{m}^3$	240.6	263.5	412.4	389.5	389.5	401.0	401.0	435.3	Max. 2000

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Fugitive Emission Reports

Sagar Cement (M) Private Limited											
Fugitive Emission Testing Report											
Test Results											
Location:			Lime Stone Stacker		Lime Stone Crusher		Fly Ash Silo		Clinker Loading Point		Specifications
S No.	Parameter	Unit	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	
1	Suspended Particulate Matter (SPM)	mg/Nm3	481.97	503.03	490.27	477.27	596.02	599.01	512.05	535.0	Max. 600
Sagar Cement (M) Private Limited											
Fugitive Emission Testing Report											
Test Results											
Location:			WHRS		CCR		Coal Yard		Clinker Yard		Specifications
S No.	Parameter	Unit	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	

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1	Suspended Particulate Matter (SPM)	mg/Nm3	365.98	390.15	307.12	324.39	557.27	558.24	534.05	519.09	Max. 600

Stack Emission Reports

Sagar Cement (M) Private Limited												
Stack Emission Testing Report												
Test Results												
Location:			Raw Mill & Kiln		ESP Cooler		Coal Mill		Cement Mill		DG Set 1250 KVA	
S No.	Parameter	Unit	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023
1	Particulate Matter (PM)	mg/Nm3	10.1	14.2	9.1	18.3	13.2	15.1	12.2	20.2	36.0	27.1

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Sagar Cement (M) Private Limited

Stack Emission Testing Report

Test Results

Location:			Raw Mill & Kiln		DG Set 1250 KVA	
S No.	Parameter	Unit	Results: June-2023	Results: Sep-2023	Results: June-2023	Results: Sep-2023
1	Sulphure Dioxide (SO ₂)	mg/Nm ³	24.4	30.2	20.7	27.1
2	Oxide of Nitrogen (NO _x)	mg/Nm ³	16.9	17.9	40.3	13.7
3	Mercury as Hg	mg/Nm ³	0.0000	0.0000	0.0000	0.0000

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Noise Level Monitoring Report

Sagar Cement (M) Private Limited															
Noise Level Monitoring Report															
Test Results															
Location:---			Main Security Gate Area		Near Raw Mill Area		Near Cement Mill Area		Near WHRS		Near Loading area		Near Crusher Area		Specificati on
S No.	Paramet er	Unit	Result s: June- 2023	Result s: Sep- 2023	Result s: June- 2023	Result s: Sep- 2023	Result s: June- 2023	Result s: Sep- 2023	Result s: June- 2023	Result s: Sep- 2023	Result s: June- 2023	Result s: Sep- 2023	Result s: June- 2023	Result s: Sep- 2023	
1	Noise Level (Day)	dB(A) Leq.	56.4	62.3	67.1	71.3	65.3	73.4	68.2	70.6	65.1	73.4	69.7	68.5	Max. 75
2	Noise Level (Night)	dB(A) Leq.	46.1	48.7	66.3	69.5	62.1	67.8	66.7	68.2	48.3	68.3	64.8	65.1	Max. 70

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SEWAGE TREATMENT PLANT OUTLET EFFLUENT ANALYSIS

Sagar Cement (M) Private Limited				
Location: STP_Outlet			Date of Sampling -26.09.2023	Specification
S No.	Parameter	Mg/l	Results	
1	Total Suspended Solid	Mg/l	19	Max. 100
2	pH	-	7.12	6.5-9.0
3	Biochemical Oxygen Demand	Mg/l	12	Max.30
4	Chemical Oxygen Demand	Mg/l	80	Max. 350

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