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Ref: VC: WS: ENV: 2024-25: A

Date: 06.05.2024


To
Environmental Officer,
Karnataka State Pollution Control Board,
Plot No.12/2, Sy.No.19/P,
Mansafdar Layout, M.G.Road,
Santraswadi Kalaburagi- 585101.

Respected Sir,

Please find the enclosed report of stack monitoring data; of Kilns; Cement mills & Boilers of /Bag house/ESP/Bag filter Stoppages/tripping hours; Ambient Air Quality report and Fly ash utilization report in the prescribed proforma for the month **April- 2024**.

Yours faithfully,

For Vasavadatta Cement,
For Kesoram Inds., Ltd.,
CIN of KIL- L17119WB1919PLC003429


(U. Venkatpati Raju)
Chief Manufacturing Officer

Cc: Member Secretary,
Karnataka State Pollution Control Board,
49, 4th & 5th Floor,
Parisara Bhavana, Church Street,
Bangalore-560 001

167

P + 08441 - 276005 / 276391

Corporate Office :
E : corporate@kesoram.net

Kesoram Industries Limited
Cement Division

Unit : Vasavadatta Cement Works : Post. Sedam - 585 222.
Tq. Sedam, Dist. Kalaburagi, Karnataka

Registered Office : Birla Building, 8th Floor, 9/1, R.N. Mukherjee Road, Kolkata-700 001,
CIN - L17119WB1919PLC003429

⇒ O/c . ENV. DEPT.,



- 1) Name of the Unit : **VASAVADATTA CEMENT-SEDAM** 4) Validity of Consent: 30.06.2026.
 2) Combined Clinker Capacity of Line- I, II, III & IV : 6.0 MTPA 5) Month : APRIL-2024
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1145 Total Clinker Production for APRIL- 2024 : 4,25,044 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0115 Total Cement Production for APRIL- 2024 : 4,34,240 MT
 Lime stone
 : Additive : 0.0131
 : Gypsum : 0.0359
 : Coal (Fuel) : 0.1094
 : Laterite : 0.0672
 : Fly Ash : 0.1452

Sr No.	Source	Dia. of Chimney in meters	Chimney ht in (m)		APC Equipment		Monitoring date	Time	Emission rate m ³ / H		Emission level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
1	L.S Crusher	0.75	32.0	32.0	Pulse jet bag filter	Pulse jet bag filter	N.R	N.R	42,000	N.R	30	N.R
2	Raw mill hopper	0.70	28.9	28.9	-do-	-do-	01.04.2024	09.00 AM	17,000	8,593	30	24
3	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	03.04.2024	10.00 AM	17,300	14,130	30	18
4	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	02.04.2024	10.00 AM	5,500	4,374	30	21
5	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	01.04.2024	11.00 AM	6,500	4,374	30	24
6	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	01.04.2024	10.00 AM	6,500	3,370	30	20
7	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	03.04.2024	11.00 AM	20,000	7,043	30	18
8	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	04.04.2024	09.00 AM	10,800	9,043	30	22

LINE - I

Sr. No.	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring date	Time	Emission rate m ³ / H		Emission level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
9	Cement Silo	050x0.45	40.0	40.0	Pulse Jet bag filter	Pulse Jet bag filter	04.04.2024	10.00 AM	15,500	4,860	30	17
10	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	12.04.2024	09.00 AM	25,000	11,024	30	26
11	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	12.04.2024	10.00 AM	25,000	12,650	30	18
12	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	03.04.2024	10.00 AM	3,50,000	1,55,147	30	18
13	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	02.04.2024	09.00 AM	63,800	36,319	30	21
14	Raw Mill/Kiln	3.00	80.2	80.20	RABH Bag House	RABH Bag House	02.04.2024	11.00 AM	3,30,000	2,16,342	30	25
15	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	04.04.2024	11.00 AM	57,000	38,650	30	18

LINE – I

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
1	N.R								Process Inter lock
2	0.18								-do-
3	0.22								-do-
4	0.08								-do-
5	0.09								-do-
6	0.06								-do-
7	0.11								-do-
8	0.17								-do-
9	0.07								-do-
10	0.24								-do-
11	0.20								-do-
12	2.46								-do-
13	0.63								-do-
14	4.45	Format No. FP-037 enclosed.							-do-
15	0.65	Format No. FP-037 enclosed.							-do-

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment's date, Time of tripping/failure, duration, reason for failure and connected details should be reported.

LINE - II

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2026.
2. Production capacity : Ref. Page 1 of 22 5) Month : APRIL-2024

Raw Materials / Ton of product : Ref. Page 1 of 22

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / Hr		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
16	Raw mill hopper	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	05.04.2024	10.00 AM	25,000	12,240	30	24
17	Raw meal silo	0.70	90.05	90.05	-do-	-do-	06.04.2024	10.00 AM	25,000	12,960	30	24
18	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	05.04.2024	11.00 AM	14,600	6,497	30	18
19	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	08.04.2024	10.00 AM	12,000	7,106	30	20
20	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	08.04.2024	11.00 AM	50,000	23,738	30	21
21	Static separator	0.50	40.00	40.00	-do-	-do-	09.04.2024	09.00 AM	12,000	11,304	30	25

LINE - II

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
22	Packer machine-1	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	19.04.2024	09.00 AM	25,000	11,160	30	17
23	Packer machine-2	0.80	33.00	33.00	„	„	19.04.2024	10.00 AM	25,000	10,800	30	20
24	Packer machine-3	0.80	33.00	33.00	„	„	20.04.2024	10.00 AM	25,000	11,880	30	21
25	Packer machine-4	0.80	33.00	33.00	„	„	NR	NR	25,000	NR	30	NR
26	Cement Silo-1	0.40	41.50	41.50	„	„	09.04.2024	11.00 AM	6,000	2,610	30	17
27	Cement Silo-2	0.40	41.50	41.50	„	„	10.04.2024	09.00 AM	6,000	2,520	30	21

LINE - II

Sr. No	Source	Dia. of chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
28	Cement silo-3	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	10.04.2024	10.00 AM	6,000	2,565	30	20
29	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	06.04.2024	09.00 AM	6,50,000	2,25,155	30	25
30	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	06.04.2024	11.00 AM	4,60,000	2,89,620	30	17
31	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	09.04.2024	10.00 AM	1,00,000	55,080	30	18
32	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	08.04.2024	09.00 AM	1,25,0 00	85,536	30	24

LINE-II

Page 7 of 31
Format No. FP – 036
Month: APRIL-2024

Sl No	Dust load Kg / H	Failure of Equipment		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during failure.	Total dust in Kg / month during failure	Remarks	
		No of times tripped in a day **	Duration of tripping in a day (H)							
	14	15	16	17	18	19	20	21	22	
16	0.25								Process Inter lock	
17	0.26								-do-	
18	0.10								-do-	
19	0.12								-do-	
20	0.43								-do-	
21	0.24								-do-	
22	0.16								-do-	
23	0.19								-do-	
24	0.21								-do-	
25	NR								-do-	
26	0.04								-do-	
27	0.05								-do-	
28	0.04								-do-	
29	4.69	Format No FP – 037 enclosed								-do-
30	4.15								-do-	
31	0.84	Format No. FP-037 enclosed.								-do-
32	1.76								-do-	

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment's date, time of tripping/failure, duration, reason for failure and connected details should be reported.

THERMAL POWER PLANT

Page 9 of 31
Format No FP-036
Month: APRIL-2024

Sl. No	Dust load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg/ day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
33	1.12	Format No-FP-037 enclosed							Process Inter lock
34	0.12								-do-
35	-								---
36	-								-do-

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LINE - III

- | | | |
|-----------------------------------|------------------------------|-------------------------------------|
| 1. Name of the Unit | : VASAVADATTA CEMENT – SEDAM | 4) Validity of Consent: 30.06.2026. |
| 2. Production capacity | : Ref. Page 1 of 22 | 5) Month: APRIL-2024 |
| 3. Raw Materials / Ton of product | : Ref. Page 1 of 22 | |

Sl. No	Source	Dia. of Chimney in m	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
37	Raw mill / Kiln	4.25	70.00	70.00	RABH Bag House	RABH Bag House	11.04.2024	09.00 AM	9,25,560	4,08,672	30	21
38	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	12.04.2024	10.00 AM	5,71,428	3,17,412	30	17
39	Coal Mill	1.80	52.00	52.00	Pulse jet bag filter	Pulse jet bag filter	11.04.2024	10.00 AM	1,75,001	91,620	30	20
40	Cement Mill	1.40	52.00	52.00	Bag filter	Bag filter	11.04.2024	11.00 AM	1,00,000	34,373	30	21
41	Crusher (1400 TPH) (Located at Mines)	1.50	32.00	32.00	-do-	-do-	12.04.2024	09.00 AM	63,000	48,345	30	20

LINE-III

Page 11 of 31
Format No. FP-036
Month: APRIL-2024

Sl No	Dust load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (Hs)	Actual concentration when tripped	Dust load in Kg/ Day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H.)						
	14	15	16	17	18	19	20	21	22
37	6.19								Process Inter lock
38	3.27								-do-
39	1.43								-do-
40	0.62								-do-
41	0.82								-do-

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TPP-III

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2026.
 2. Production Capacity of Power Plant in MW : TPP # 3, 18 MW 5) Month : APRIL-2024
 3. Raw Materials Consumption : Coal: 0.827 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m)	Chimney height (in m.)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / hr		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
42	Boiler 80 TPH (CPP-3)	2.45	80	80	ESP	ESP	15.04.2024	11.00 AM	2,08,152	47,709	50	24

TPP-III

THERMAL POWER PLANT

Page 13 of 31
Format No FP-036
Month: APRIL-2024

Sl. No	Dust load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
42	0.95	Format No- FP-037 enclosed							Process Inter lock

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DG SETS

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
43	Kiln-I 125 KVA DG set	0.108	5.00	8.50	Chimney	Chimney	Not run as there was no power failure		3,786	---	---	---
44	Kiln-II 125 KVA DG set	0.175	5.00	8.75	Chimney	Chimney	--do--		3,786	---	---	---
45	Kiln-III 380 KVA DG set	0.136	6.00	11.90	Chimney	Chimney	--do--		3,786	---	---	---
46	250 KVA DG set of 42 TPH Boiler	0.089	5.00	5.00	Chimney	Chimney	--do--		3,786	---	---	---

DG SETS

Sl No	Dust Load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
43	----								----
44	----								----
45	----								----
46	----								----

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment's date, time of tripping/failure, duration, reason for failure and connected details should be reported.

- 1. Name of the Unit : VASAVADATTA CEMENT – SEDAM
- 2. Production capacity : Ref. Page 1 of 22
- 3. Raw Materials / Ton of product : Ref. Page 1 of 22
- 4) Validity of Consent: 30.06.2026.
- 5) Month : APRIL-2024

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
47	Raw mill / Kiln	4.25	70.00	70.00	RABH Bag House	RABH Bag House	13.04.2024	09.00 AM	9,25,560	5,61,924	30	17
48	Cooler	3.35	48.00	50.00	ESP	ESP	13.04.2024	12.00 PM	5,71,428	3,49,153	30	20
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	13.04.2024	10.00 AM	1,75,000	47,462	30	18
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	11.04.2024	11.00 AM	1,00,000	30,492	30	18
51	Kiln –IV 380 KVA DG Set	0.136	12.8	12.8	Chimney	Chimney	Not run as there was no power failure		3,786	N.R	--	--

LINE-IV

Sl No	Dust load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
47	6.15								Process Inter lock
48	4.02								-do-
49	0.74								-do-
50	0.48								-do-
51	NR								---

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment's date, time of tripping/failure, duration, reason for failure and connected details should be reported.

TPP-IV

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2026.
 2. Production Capacity of Power Plant in MW : TPP # 4, 18 MW 5) Month: APRIL-2024
 3. Raw Materials Consumption : Coal: 0.839 Kg/Kwh

SI No	Source	Dia. of Chimney in (m)	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / hr		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
52	Boiler 80 TPH (CPP-4)	2.45	80	80	ESP	ESP	16.04.2024	02.00 PM	2,08,152	1,05,261	50	22

TPP-IV

THERMAL POWER PLANT

Sl. No	Dust load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
52	1.82	Format No-FP-037 enclosed							Process Inter lock

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DG SETS (TPP-IV)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
53	380 KVA DG set	0.136	5.20	5.20	Chimney	Chimney	Not run as there was no power failure		3786	---	---	---

DG SETS (TPP-IV)

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Format No. FP – 036
Month: APRIL-2024

Sr. No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
53	----								---

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TPP-V

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2026.
 2. Production Capacity of Power Plant in MW : TPP # 5, 18 MW 5) Month : APRIL-2024
 3. Raw Materials Consumption : Coal: 0.839 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m).	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / H		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
54	Boiler 80 TPH (CPP-5)18 MW	2.45	80	80	ESP	ESP	16.04.2024	03.00 PM	2,81,000	1,52,798	50	25

TPP-V

THERMAL POWER PLANT

Sr. No	Dust load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / day during Failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
54	2.97	Format No- FP-037 enclosed							Process Inter lock

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DG SETS (TPP-V)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
55	380 KVA DG set	0.136	5.20	5.20	Chimney	Chimney	Not run as there was no power failure		3786		---	---
Unit-III and Unit-IV Packers												
56	Unit-III Packing Plant-1	0.80	37.8	37.8	Pulse Jet bag filter	Pulse Jet bag filter	22.04.2024	09.00 AM	25,000	11,747	30	21
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	22.04.2024	10.00 AM	25,000	10,843	30	16
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	24.04.2024	09.00 AM	25,000	11,928	30	24
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	24.04.2024	10.00 AM	25,000	11,747	30	23

DG SETS (TPP-V)

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
55	----								---

Unit-III and Unit-IV Packers

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
56	0.21								
57	0.14								
58	0.24								
59	0.22								

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment date, Time of tripping/failure, duration, reason for failure and connected details should be reported.

Name of Unit
 Location of A.A.Q.M. Station.
 Month
 Week No.

VASAVADATTA CEMENT, SEDAM
Staff Club
 APRIL--2024

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 Format No FP-036
 ANNEXURE - V
 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.04.2024 to 02.04.2024	1 & 2	08.30 AM	08.45 AM	80	40	9	8	E	
2	04.04.2024 to 05.04.2024	4 & 5	08.40AM	08.50 AM	79	38	10	7	E	
3	08.04.2024 to 09.04.2024	1 & 2	08.45AM	08.40 AM	80	40	11	8	E	
4	11.04.2024 to 12.04.2024	4 & 5	08.35 AM	08.45 AM	78	40	10	9	E	
5	15.04.2024 to 16.04.2024	1 & 2	08.40 AM	08.55 AM	80	41	9	8	E	
6	18.04.2024 to 19.04.2024	4 & 5	08.30 AM	08.40 AM	80	39	10	9	E	
7	22.04.2024 to 23.04.2024	1 & 2	08.40 AM	08.45 AM	79	40	11	8	E	
8	25.04.2024 to 26.04.2024	4 & 5	08.40 AM	08.50 AM	80	38	10	10	E	
	24 Hourly Averages.				80	40	10.0	8.4		
	AAQ LIMITS (24 hrs): PM ₁₀ -100µg/m ³ ,PM _{2.5} -60µg/m ³ ,SO ₂ -80µg/m ³ ,NO _x 80µg/m ³				80	40	10.0	8.4		

Name of Unit
 Location of A.A.Q.M. Station.
 Month
 Week No.

VASAVADATTA CEMENT, SEDAM
Dairy Farm
 APRIL--2024

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 ANNEXURE - V
 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.04.2024 to 02.04.2024	1 & 2	09.00 AM	09.10 AM	81	41	9	10	E	
2	04.04.2024 to 05.04.2024	4 & 5	09.05 AM	08.55 AM	82	42	10	9	E	
3	08.04.2024 to 09.04.2024	1 & 2	08.55 AM	09.05 AM	83	41	9	11	E	
4	11.04.2024 to 12.04.2024	4 & 5	09.05 AM	09.10 AM	81	41	11	9	E	
5	15.04.2024 to 16.04.2024	1 & 2	09.15 AM	09.20 AM	80	42	12	8	E	
6	18.04.2024 to 19.04.2024	4 & 5	09.05 AM	09.00 AM	82	41	11	9	E	
7	22.04.2024 to 23.04.2024	1 & 2	09.00 AM	09.10 AM	80	42	10	11	E	
8	25.04.2024 to 26.04.2024	4 & 5	09.05 AM	08.50 AM	82	42	11	8	E	
	24 Hourly Average.				81	42	10.4	9.4		
	AAQ LIMITS (24 hrs): PM ₁₀ -100µg/m ³ ,PM _{2.5} -60µg/m ³ ,SO ₂ -80µg/m ³ ,NO _x -80µg/m ³				81	42	10.4	9.4		

Name of Unit
 Location of A.A.Q.M. Station.
 Month
 Week No.

VASAVADATTA CEMENT, SEDAM
Mines Substation
 APRIL--2024

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 Format No FP-036
 ANNEXURE - V
 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.04.2024 to 02.04.2024	1 & 2	09.55 AM	10.00 AM	83	43	12	11	E	
2	04.04.2024 to 05.04.2024	4 & 5	09.50 AM	09.45 AM	82	42	11	10	E	
3	08.04.2024 to 09.04.2024	1 & 2	10.05 AM	10.00 AM	83	43	13	12	E	
4	11.04.2024 to 12.04.2024	4 & 5	09.50 AM	09.45 AM	83	42	11	10	E	
5	15.04.2024 to 16.04.2024	1 & 2	09.45 AM	10.00 AM	82	42	11	10	E	
6	18.04.2024 to 19.04.2024	4 & 5	09.20 AM	09.40 AM	82	43	10	9	E	
7	22.04.2024 to 23.04.2024	1 & 2	09.45 AM	09.50 AM	82	42	11	10	E	
8	25.04.2024 to 26.04.2024	4 & 5	09.30 AM	09.40 AM	81	43	13	12	E	
	24 Hourly Average.				82	43	11.5	10.5		
	AAQ LIMITS (24 hrs): PM ₁₀ -100µg/m ³ ,PM _{2.5} -60µg/m ³ ,SO ₂ -80µg/m ³ ,NO _x -80µg/m ³				82	43	11.5	10.5		

Name of Unit
 Location of A.A.Q.M. Station.
 Month
 Week No.

VASAVADATTA CEMENT, SEDAM
Power Plant
 APRIL--2024

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 Format No FP-036
 ANNEXURE - V
 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.04.2024 to 02.04.2024	1 & 2	10.30 AM	10.40 AM	84	42	12	11	E	
2	04.04.2024 to 05.04.2024	4 & 5	10.20 AM	10.30 AM	83	43	13	8	E	
3	08.04.2024 to 09.04.2024	1 & 2	10.30 AM	10.45 AM	84	44	14	12	E	
4	11.04.2024 to 12.04.2024	4 & 5	10.30 AM	10.35 AM	82	43	12	11	E	
5	15.04.2024 to 16.04.2024	1 & 2	10.25 AM	10.35 AM	83	44	13	12	E	
6	18.04.2024 to 19.04.2024	4 & 5	10.25 AM	10.30 AM	83	43	14	10	E	
7	22.04.2024 to 23.04.2024	1 & 2	10.30 AM	10.15 AM	84	44	12	12	E	
8	25.04.2024 to 26.04.2024	4 & 5	10.10 AM	10.10 AM	83	44	14	12	E	
	24 Hourly Average.				83	43	13.0	11.0		
	AAQ LIMITS (24 hrs): PM ₁₀ -100µg/m ³ ,PM _{2.5} -60µg/m ³ ,SO ₂ -80µg/m ³ ,NO _x -80µg/m ³				83	43	13.0	11.0		

FLY ASH UTILIZATION PROFORMA

S.No	Name & Address of The unit	Capacity	Quantity of fly ash generated / Year MT / Year		Utilization (MT / Year)			Total Utilized MT / Year		Un-utilized quantity MT /Year		Percent- age	Remarks	
			M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI	Bricks	Cement Industries		Others	M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI	M/s VC			ARV/ARV S/ ASHTECH - RAICHUR & UDUPI
						M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI							
1	M/s Vasavadatt a Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	203.39 + 10846	3318.864 + 51436.06		9404.300	45880.70		9404.300	45880.70	1645.09	8874.224	85.11% for VC Ash includes Bed ash also.	Apr-24
			11049.39	54754.924		9404.300	45880.70		9404.300	45880.70				

POND ASH UTILIZATION PROFORMA

S.No	Name & Address of The unit	Capacity	Quantity of Pond ash generated / Year MT / Year		Utilization (MT / Year)			Total Utilized MT / Year		Un-utilized quantity MT /Year		Percentage	Remarks	
			M/s VC	OUT-SIDE	Bricks	Cement Industries		M/s VC	OUT-SIDE	M/s VC	OUT-SIDE			
						M/s VC	OUT-SIDE							M/s VC
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	2538.75	0		8022.5	0		8022.5	0	717.25	0	VC-91.79% of Pond Ash Utilized.	Apr-24
			6201.000	0		8022.5	0		8022.5	0				

LINE-1

a.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
---NIL---				

b.) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
--- NIL---				

LINE-II

c.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
---NIL---				

d) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
---NIL---				

POWER PLANT (TPP # 1)

e) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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---NIL---

POWER PLANT (TPP # 2)

f) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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---NIL---

LINE-III

g) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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---NIL---

h) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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--- NIL---

POWER PLANT (TPP # 3)

i) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
--- NIL---				

LINE-IV

a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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--- NIL---

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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--- NIL---

POWER PLANT (TPP # 4)

j) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
--- NIL---				

POWER PLANT (TPP # 5)

k) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF APRIL-2024

DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
--- NIL---				
