

Through: Courier Service

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

Date: 08.01.2025

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 **December- 2024**.

TPP- II was stopped from 18.12.2024.

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 00.

120

- 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 : DECEMBER -2024
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1531 Total Clinker Production for DECEMBER - 2024 : 3,88,109 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0244 Total Cement Production for DECEMBER - 2024 : 5,37,250 MT
 Lime stone : Pet coke Consumption for DECEMBER - 2024 : 8,953.610 MT
 : Additive : 0.0209
 : Gypsum : 0.0314
 : Coal (Fuel) : 0.0812
 : Laterite : 0.0658
 : Fly Ash : 0.1311
 : Shale : 0.0043

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-	02.12.2024	09.00 AM	17,000	8,455	30	24
3	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	04.12.2024	09.00 AM	17,300	14,130	30	20
4	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	03.12.2024	10.00 AM	5,500	4,304	30	20
5	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	02.12.2024	11.00 AM	6,500	4,304	30	24
6	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	02.12.2024	10.00 AM	6,500	4,493	30	22
7	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	04.12.2024	11.00 AM	20,000	6,827	30	24
8	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	05.12.2024	09.00 AM	10,800	8,761	30	27

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	
			Stipu`-lated	Provided	Stipulated	Provided			Stipu-Lated	Provided	Stipu-Lated	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	05.12.2024	10.00 AM	15,500	5,670	30	24
10	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	11.12.2024	11.00 AM	25,000	9,397	30	17
11	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	11.12.2024	04.00 PM	25,000	11,024	30	24
12	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	04.12.2024	10.00 AM	3,50,000	1,34,800	30	24
13	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	03.12.2024	09.00 AM	63,800	36,905	30	18
14	Raw Mill/Kiln	3.00	80.2	80.20	RABH Bag House	RABH Bag House	03.12.2024	11.00 AM	3,30,000	2,08,706	30	24
15	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	05.12.2024	11.00 AM	57,000	39,283	30	24

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	0.25								-do-
4	0.08								-do-
5	0.09								-do-
6	0.09								-do-
7	0.14								-do-
8	0.20								-do-
9	0.12								-do-
10	0.14								-do-
11	0.23								-do-
12	2.85								-do-
13	0.58								-do-
14	4.41	Format No. FP-037 enclosed.							-do-
15	0.87	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 : DECEMBER - 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	23.12.2024	10.00 AM	25,000	11,340	30	22
17	Raw meal silo	0.70	90.05	90.05	-do-	-do-	24.12.2024	10.00 AM	25,000	14,400	30	22
18	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	23.12.2024	11.00 AM	14,600	6,294	30	24
19	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	25.12.2024	10.00 AM	12,000	7,106	30	21
20	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	25.12.2024	11.00 AM	50,000	23,173	30	24
21	Static separator	0.50	40.00	40.00	-do-	-do-	26.12.2024	09.00 AM	12,000	11,304	30	18

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	12.12.2024	11.30 AM	25,000	11,160	30	18
23	Packer machine-2	0.80	33.00	33.00	„	„	12.12.2024	09.00 AM	25,000	10,980	30	18
24	Packer machine-3	0.80	33.00	33.00	„	„	12.12.2024	10.00 AM	25,000	10,980	30	20
25	Packer machine-4	0.80	33.00	33.00	„	„	14.12.2024	08.00 AM	25,000	10,980	30	18
26	Cement Silo-1	0.40	41.50	41.50	„	„	26.12.2024	11.00 AM	6,000	2,835	30	25
27	Cement Silo-2	0.40	41.50	41.50	„	„	30.12.2024	09.00 AM	6,000	2,295	30	23

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	30.12.2024	10.00 AM	6,000	2,430	30	27
29	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	24.12.2024	09.00 AM	6,50,000	2,18,227	30	22
30	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	24.12.2024	11.00 AM	4,60,000	3,47,544	30	24
31	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	26.12.2024	10.00 AM	1,00,000	71,604	30	21
32	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	25.12.2024	09.00 AM	1,25,0 00	52,272	30	18

LINE-II

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	0.22								Process Inter lock	
17	0.28								-do-	
18	0.13								-do-	
19	0.13								-do-	
20	0.49								-do-	
21	0.18								-do-	
22	0.18								-do-	
23	0.17								-do-	
24	0.19								-do-	
25	0.17								-do-	
26	0.06								-do-	
27	0.05								-do-	
28	0.06								-do-	
29	4.19	Format No FP – 037 enclosed								-do-
30	7.38								-do-	
31	1.33	Format No. FP-037 enclosed.								-do-
32	0.81								-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: DECEMBER - 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	0.84	Format No- FP-037 enclosed							Process Inter lock
34	0.15								-do-
35	-								---
36	1.27								-do-

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LINE-III

Page 11 of 31
Format No. FP-036
Month: DECEMBER - 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	6.47								Process Inter lock
38	5.14								-do-
39	0.90								-do-
40	1.04								-do-
41	0.63								-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 : DECEMBER - 2024
 3. Raw Materials Consumption : Coal: 0.968 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	10.12.2024	10.00 AM	2,08,152	47,709	50	24

TPP-III

THERMAL POWER PLANT

Page 13 of 31
Format No FP-036
Month: DECEMBER - 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	1.01	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		
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

Page 15 of 31
Format No. FP – 036
Month: DECEMBER - 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
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 4) Validity of Consent: 30.06.2026.
 2. Production capacity : Ref. Page 1 of 22 5) Month : DECEMBER - 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
47	Raw mill / Kiln	4.25	70.00	70.00	RABH Bag House	RABH Bag House	07.12.2024	11.00 AM	9,25,560	6,13,008	30	21
48	Cooler	3.35	48.00	50.00	ESP	ESP	09.12.2024	11.00 AM	5,71,428	4,12,636	30	25
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	09.12.2024	09.00 AM	1,75,000	53,140	30	27
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	09.12.2024	10.00 AM	1,00,000	28,274	30	24
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	8.85								Process Inter lock
48	6.61								-do-
49	1.27								-do-
50	0.60								-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: DECEMBER - 2024
 3. Raw Materials Consumption : Coal: 0.958 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	10.12.2024	11.00 AM	2,08,152	1,06,959	50	24

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	2.27	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		
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)

Page 21 of 31
Format No. FP – 036
Month: DECEMBER - 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 : DECEMBER - 2024
 3. Raw Materials Consumption : Coal: 0.991 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	11.12.2024	09.00 AM	2,81,000	1,52,798	50	22

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	2.85	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	16.12.2024	09.00 AM	25,000	11,024	30	17
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	16.12.2024	10.00 AM	25,000	12,650	30	18
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	17.12.2024	08.00 AM	25,000	11,385	30	20
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	17.12.2024	09.00AM	25,000	11,205	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	0.16								
57	0.19								
58	0.20								
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
 DECEMBER - 2024

Page 26 OF 31
 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	02.12.2024 to 03.12.2024	1 & 2	08.20 AM	08.40 AM	44	30	7	11	E	
2	05.12.2024 to 06.12.2024	4 & 5	08.35 AM	08.45 AM	43	32	9	8	E	
3	09.12.2024 to 10.12.2024	1 & 2	08.35 AM	08.35 AM	40	34	8	9	SE	
4	12.12.2024 to 13.12.2024	4 & 5	08.30 AM	08.40 AM	41	30	5	7	SE	
5	16.12.2024 to 17.12.2024	1 & 2	08.30 AM	08.40 AM	45	33	9	8	SE	
6	19.12.2024 to 20.12.2024	4 & 5	08.30 AM	08.50 AM	46	31	7	9	SE	
7	23.12.2024 to 24.12.2024	1 & 2	08.25 AM	08.35 AM	48	28	6	7	E	
8	26.12.2024 to 27.12.2024	4 & 5	08.35 AM	08.40 AM	49	32	8	9	E	
9	30.12.2024 to 31.12.2024	1 & 2	08.30 AM	08.45 AM	46	30	9	8	SE	
	24 Hourly Averages.				45	31	8	8		
	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				45	31	8	8		

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

VASAVADATTA CEMENT, SEDAM
Dairy Farm
 DECEMBER - 2024

Page 27 OF 31
 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	02.12.2024 to 03.12.2024	1 & 2	09.00 AM	09.05 AM	52	38	7	13	E	
2	05.12.2024 to 06.12.2024	4 & 5	09.00 AM	08.45 AM	53	33	8	11	E	
3	09.12.2024 to 10.12.2024	1 & 2	08.50 AM	09.00 AM	55	35	6	10	SE	
4	12.12.2024 to 13.12.2024	4 & 5	09.00 AM	09.10 AM	50	31	9	15	SE	
5	16.12.2024 to 17.12.2024	1 & 2	09.00 AM	09.10 AM	56	36	11	8	SE	
6	19.12.2024 to 20.12.2024	4 & 5	09.10 AM	09.15 AM	55	38	5	11	SE	
7	23.12.2024 to 24.12.2024	1 & 2	08.50 AM	08.55 AM	52	35	7	9	E	
8	26.12.2024 to 27.12.2024	4 & 5	08.55 AM	09.05 AM	53	37	6	10	E	
9	30.12.2024 to 31.12.2024	1 & 2	09.00 AM	08.40 AM	51	31	8	8	SE	
	24 Hourly Averages.				53	35	7	11		
	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				53	35	7	11		

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

VASAVADATTA CEMENT, SEDAM
Mines Substation
 DECEMBER - 2024

Page 28 OF 31
 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	02.12.2024 to 03.12.2024	1 & 2	09.45 AM	09.55 AM	55	37	7	15	E	
2	05.12.2024 to 06.12.2024	4 & 5	09.45 AM	09.40 AM	57	32	11	8	E	
3	09.12.2024 to 10.12.2024	1 & 2	09.50 AM	09.55 AM	50	34	8	10	SE	
4	12.12.2024 to 13.12.2024	4 & 5	09.40 AM	09.40 AM	52	30	6	7	SE	
5	16.12.2024 to 17.12.2024	1 & 2	09.40 AM	09.40 AM	58	35	5	9	SE	
6	19.12.2024 to 20.12.2024	4 & 5	09.40 AM	09.55 AM	51	31	8	5	SE	
7	23.12.2024 to 24.12.2024	1 & 2	09.15 AM	09.35 AM	50	36	7	7	E	
8	26.12.2024 to 27.12.2024	4 & 5	09.40 AM	09.45 AM	52	34	9	6	E	
9	30.12.2024 to 31.12.2024	1 & 2	09.25 AM	09.30 AM	55	30	8	12	SE	
	24 Hourly Averages.				53	33	8	9		
	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				53	33	8	9		

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

VASAVADATTA CEMENT, SEDAM
Power Plant
 DECEMBER - 2024

Page 29 OF 31
 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	02.12.2024 to 03.12.2024	1 & 2	10.25 AM	10.35 AM	57	37	12	11	E	
2	05.12.2024 to 06.12.2024	4 & 5	10.10 AM	10.25 AM	52	32	11	8	E	
3	09.12.2024 to 10.12.2024	1 & 2	10.25 AM	10.40 AM	51	30	8	9	SE	
4	12.12.2024 to 13.12.2024	4 & 5	10.25 AM	10.30 AM	50	36	7	8	SE	
5	16.12.2024 to 17.12.2024	1 & 2	10.25 AM	10.30 AM	55	31	9	11	SE	
6	19.12.2024 to 20.12.2024	4 & 5	10.20 AM	10.30 AM	52	34	5	13	SE	
7	23.12.2024 to 24.12.2024	1 & 2	10.20 AM	10.15 AM	56	33	11	8	E	
8	26.12.2024 to 27.12.2024	4 & 5	10.25 AM	10.10 AM	48	37	5	7	E	
9	30.12.2024 to 31.12.2024	1 & 2	10.05 AM	10.00 AM	54	30	7	8	SE	
	24 Hourly Averages.				53	33	8	9		
	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				53	33	8	9		

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/ARVS/ ASHTECH- RAICHUR & UDUPI
						M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI							
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	100345.39	355389.782		100210.95	345325.75	100210.95	345325.75	373.94	5646.322	99.67 % for VC Ash includes Bed ash also.	Apr-24 to Dec-24	
			+ 14656	+ 46529.29		+ 14416.50	+ 50947	+ 14416.50	+ 50947					
			115001.39	401919.072		114627.45	396272.75	114627.45	396272.75					

POND ASH UTILIZATION PROFORMA

Page No: 31 of 31
Format No: FP-036
DECEMBER - 2024

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	68626.188	0		65447.05	0	Others	65447.05	0	4448.638	0	VC-94.08 % of Pond Ash Utilized.	Apr-24 to Dec-24
			+	+		+	+		+	+				
			6619	0		5349.5	0		5349.5	0				
			75245.188	0		70796.55	0		70796.55	0				

LINE-1

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

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

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

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

LINE-II

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

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

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

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

POWER PLANT (TPP # 1)

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

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

LINE-IV

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

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

POWER PLANT (TPP # 5)

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

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