

Through: Courier Service

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

Date: 06.06.2024


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 **May- 2024**. Kiln-1 was stopped from 01.05.2024 to 26.05.2024 and started from 27.05.2024.

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

- 318

⇒ 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 : MAY-2024
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1351 Total Clinker Production for MAY- 2024 : 4,08,648 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0170 Total Cement Production for MAY- 2024 : 4,57,340 MT
 Lime stone
 : Additive : 0.0205
 : Gypsum : 0.0359
 : Coal (Fuel) : 0.0862
 : Laterite : 0.0686
 : Fly Ash : 0.1470

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-	24.05.2024	09.00 AM	17,000	8,316	30	23
3	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	25.05.2024	11.00 AM	17,300	11,304	30	23
4	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	25.05.2024	09.00 AM	5,500	4,586	30	20
5	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	24.05.2024	11.00 AM	6,500	4,515	30	25
6	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	24.05.2024	10.00 AM	6,500	3,931	30	26
7	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	27.05.2024	10.00 AM	20,000	6,935	30	17
8	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	27.05.2024	11.00 AM	10,800	9,326	30	27

LINE - I

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Format No. FP - 036
Month: MAY-2024

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	28.05.2024	09.00 AM	15,500	4,050	30	21
10	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	01.05.2024	09.00 AM	25,000	10,662	30	22
11	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	02.05.2024	10.00 AM	25,000	10,843	30	17
12	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	27.05.2024	09.00 AM	3,50,000	1,52,604	30	17
13	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	24.05.2024	12.00 PM	63,800	36,905	30	20
14	Raw Mill/Kiln	3.00	80.2	80.20	RABH Bag House	RABH Bag House	25.05.2024	10.00 AM	3,30,000	2,13,797	30	24
15	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	28.05.2024	10.00 AM	57,000	38,016	30	23

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	0.17								-do-
3	0.23								-do-
4	0.08								-do-
5	0.10								-do-
6	0.09								-do-
7	0.10								-do-
8	0.21								-do-
9	0.07								-do-
10	0.21								-do-
11	0.15								-do-
12	2.23								-do-
13	0.61								-do-
14	4.31	Format No. FP-037 enclosed.							-do-
15	0.82	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 : MAY-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	07.05.2024	10.00 AM	25,000	11,880	30	25
17	Raw meal silo	0.70	90.05	90.05	-do-	-do-	03.05.2024	09.00 AM	25,000	12,960	30	23
18	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	07.05.2024	11.00 AM	14,600	6,294	30	27
19	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	06.05.2024	09.00 AM	12,000	6,091	30	16
20	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	06.05.2024	10.00 AM	50,000	23,173	30	20
21	Static separator	0.50	40.00	40.00	-do-	-do-	06.05.2024	11.00 AM	12,000	14,130	30	24

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	NR	NR	25,000	NR	30	NR
23	Packer machine-2	0.80	33.00	33.00	„	„	04.05.2024	10.00 AM	25,000	12,600	30	21
24	Packer machine-3	0.80	33.00	33.00	„	„	04.05.2024	11.00 AM	25,000	12,060	30	20
25	Packer machine-4	0.80	33.00	33.00	„	„	02.05.2024	10.00 AM	25,000	NR	30	NR
26	Cement Silo-1	0.40	41.50	41.50	„	„	08.05.2024	10.00 AM	6,000	2,700	30	15
27	Cement Silo-2	0.40	41.50	41.50	„	„	08.05.2024	11.00 AM	6,000	2,430	30	22

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	08.05.2024	12.00 PM	6,000	2,520	30	15
29	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	07.05.2024	12.00 PM	6,50,000	2,18,227	30	23
30	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	03.05.2024	10.00 AM	4,60,000	3,18,582	30	20
31	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	08.05.2024	09.00 AM	1,00,000	60,588	30	17
32	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	03.05.2024	11.00 AM	1,25,0 00	76,032	30	23

LINE-II

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Month: MAY-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	0.26								Process Inter lock	
17	0.25								-do-	
18	0.14								-do-	
19	0.09								-do-	
20	0.40								-do-	
21	0.30								-do-	
22	0.15								-do-	
23	0.23								-do-	
24	0.21								-do-	
25	NR								-do-	
26	0.04								-do-	
27	0.05								-do-	
28	0.03								-do-	
29	4.35	Format No FP – 037 enclosed								-do-
30	5.49								-do-	
31	0.86	Format No. FP-037 enclosed.								-do-
32	1.51								-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 8 of 31
Format No. FP - 036

- | | | |
|---|--|-------------------------------------|
| 1. Name of the Unit | : VASAVADATTA CEMENT – SEDAM | 4) Validity of Consent: 30.06.2026. |
| 2. Production Capacity of Power Plant in MW | : TPP # 1, 15.7 (Peak capacity 16.2) | 5) Month : MAY-2024 |
| 3. Raw Materials Consumption | :
Coal: 0.903 Kg/Kwh
TPP # 2, 9.5 MW , Coal: 0.824 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
33	Boiler 70 TPH (CPP-1)	1.85	75	75	ESP	ESP	01.05.2024	03.00 PM	1,40,508	58,791	50	22
34	Coal crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	07.05.2024	09.00 AM	20,000	7,200	50	20
35	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	NR					
36	Boiler 42 TPH(CPP-2)	1.90	65	65	ESP	ESP	13.05.2024	09.00 AM	91,919	68,654	50	25

THERMAL POWER PLANT

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Format No FP-036
Month: MAY-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	1.04	Format No- FP-037 enclosed							Process Inter lock
34	0.12								-do-
35	-								---
36	1.41								-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: MAY-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	09.05.2024	09.00 AM	9,25,560	3,57,588	30	18
38	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	10.05.2024	10.00 AM	5,71,428	2,85,670	30	15
39	Coal Mill	1.80	52.00	52.00	Pulse jet bag filter	Pulse jet bag filter	09.05.2024	10.00 AM	1,75,001	73,296	30	20
40	Cement Mill	1.40	52.00	52.00	Bag filter	Bag filter	09.05.2024	11.00 AM	1,00,000	33,264	30	20
41	Crusher (1400 TPH) (Located at Mines)	1.50	32.00	32.00	-do-	-do-	10.05.2024	09.00 AM	63,000	47,072	30	21

LINE-III

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Format No. FP-036
Month: MAY-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	4.79								Process Inter lock
38	2.69								-do-
39	1.15								-do-
40	0.57								-do-
41	0.83								-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 : MAY-2024
 3. Raw Materials Consumption : Coal: 0.842 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	13.05.2024	10.00 AM	2,08,152	46,436	50	20

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: MAY-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	0.77	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 : MAY-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	11.05.2024	09.00 AM	9,25,560	5,10,840	30	19
48	Cooler	3.35	48.00	50.00	ESP	ESP	11.05.2024	03.00 PM	5,7 1,428	3,17,412	30	15
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	11.05.2024	10.00 AM	1,75,000	45,810	30	16
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	11.05.2024	11.00 AM	1,00,000	29,383	30	16
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	6.24								Process Inter lock
48	2.78								-do-
49	0.66								-do-
50	0.42								-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: MAY-2024
 3. Raw Materials Consumption : Coal: 0.843 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	14.05.2024	10.00 AM	2,08,152	1,03,563	50	23

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	1.90	Format No- FP-037 enclosed							Process Inter lock

** 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.

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)

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Month: MAY-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	----								---

** 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-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 : MAY-20243. Raw
 Materials Consumption : Coal: 0.843 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	14.05.2024	03.00 PM	2,81,000	1,35,821	50	26

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	2.83	Format No- FP-037 enclosed							Process Inter lock

** 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.

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	20.05.2024	09.00 AM	25,000	11,566	30	23
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	20.05.2024	10.00 AM	25,000	9,036	30	17
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	23.05.2024	09.00 AM	25,000	11,205	30	25
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	23.05.2024	10.00 AM	25,000	11,385	30	24

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	0.23								
57	0.13								
58	0.24								
59	0.23								

** 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
 MAY--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	06.05.2024 to 07.05.2024	1 & 2	08.25 AM	08.45 AM	70	30	8	10	SE	
2	09.05.2024 to 10.05.2024	4 & 5	08.40 AM	08.50 AM	69	29	9	11	SE	
3	13.05.2024 to 14.05.2024	1 & 2	08.40 AM	08.40 AM	71	31	8	9	SE	
4	16.05.2024 to 17.05.2024	4 & 5	08.35 AM	08.45 AM	68	30	7	9	SE	
5	20.05.2024 to 21.05.2024	1 & 2	08.35 AM	08.55 AM	70	32	8	10	SE	
6	23.05.2024 to 24.05.2024	4 & 5	08.30 AM	08.40 AM	69	30	6	9	SE	
7	27.05.2024 to 28.05.2024	1 & 2	08.40 AM	08.45 AM	71	32	7	8	SE	
8	30.05.2024 to 31.05.2024	4 & 5	08.35 AM	08.50 AM	66	30	8	10	SE	
	24 Hourly Averages.				69	31	7.6	9.5		
	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				69	31	7.6	9.5		

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

VASAVADATTA CEMENT, SEDAM
Dairy Farm
 MAY--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	06.05.2024 to 07.05.2024	1 & 2	09.05 AM	09.10 AM	67	30	7	10	SE	
2	09.05.2024 to 10.05.2024	4 & 5	09.05 AM	08.50 AM	68	30	6	9	SE	
3	13.05.2024 to 14.05.2024	1 & 2	08.55 AM	09.05 AM	69	29	8	12	SE	
4	16.05.2024 to 17.05.2024	4 & 5	09.05 AM	09.15 AM	67	31	9	11	SE	
5	20.05.2024 to 21.05.2024	1 & 2	09.15 AM	09.20 AM	65	29	10	12	SE	
6	23.05.2024 to 24.05.2024	4 & 5	09.00 AM	09.00 AM	67	31	8	9	SE	
7	27.05.2024 to 28.05.2024	1 & 2	09.00 AM	09.10 AM	70	30	7	11	SE	
8	30.05.2024 to 31.05.2024	4 & 5	09.05 AM	08.45 AM	71	30	7	8	SE	
	24 Hourly Average.				68	30	7.8	10.3		
	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				68	30	7.8	10.3		

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

VASAVADATTA CEMENT, SEDAM
Mines Substation
 MAY--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	06.05.2024 to 07.05.2024	1 & 2	09.50 AM	10.00 AM	71	31	10	10	SE	
2	09.05.2024 to 10.05.2024	4 & 5	09.50 AM	09.45 AM	72	32	9	11	SE	
3	13.05.2024 to 14.05.2024	1 & 2	10.00 AM	10.00 AM	73	30	10	13	SE	
4	16.05.2024 to 17.05.2024	4 & 5	09.45 AM	09.45 AM	71	31	10	11	SE	
5	20.05.2024 to 21.05.2024	1 & 2	09.45 AM	10.00 AM	72	32	9	12	SE	
6	23.05.2024 to 24.05.2024	4 & 5	09.20 AM	09.40 AM	73	34	8	10	SE	
7	27.05.2024 to 28.05.2024	1 & 2	09.45 AM	09.50 AM	70	31	9	10	SE	
8	30.05.2024 to 31.05.2024	4 & 5	09.30 AM	09.35 AM	71	32	9	12	SE	
	24 Hourly Average.				72	32	9.3	11.1		
	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				72	32	9.3	11.1		

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

VASAVADATTA CEMENT, SEDAM
Power Plant
 MAY--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	06.05.2024 to 07.05.2024	1 & 2	10.30 AM	10.40 AM	74	34	10	12	SE	
2	09.05.2024 to 10.05.2024	4 & 5	10.15 AM	10.30 AM	71	35	10	13	SE	
3	13.05.2024 to 14.05.2024	1 & 2	10.30 AM	10.45 AM	72	34	9	14	SE	
4	16.05.2024 to 17.05.2024	4 & 5	10.30 AM	10.35 AM	73	33	9	12	SE	
5	20.05.2024 to 21.05.2024	1 & 2	10.25 AM	10.35 AM	73	32	10	13	SE	
6	23.05.2024 to 24.05.2024	4 & 5	10.25 AM	10.25 AM	74	34	10	11	SE	
7	27.05.2024 to 28.05.2024	1 & 2	10.30 AM	10.15 AM	72	33	10	13	SE	
8	30.05.2024 to 31.05.2024	4 & 5	10.10 AM	10.05 AM	73	31	10	13	SE	
	24 Hourly Average.				73	33	9.8	12.6		
	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				73	33	9.8	12.6		

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 Vasavadatt a Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	11049.39 + 10593	54754.924 + 49160	9404.300 + 11496	45880.70 + 46204	9404.300 + 11496	45880.70 + 46204	742.09	11830.224	96.57% for VC Ash includes Bed ash also.	Apr-24 to May-24		
			21642.39	103914.924	20900.3	92084.7	20900.3	92084.7						

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							
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	8739.75	0		8022.5	0		8022.5	0	2150.25	0	VC-89.19 % of Pond Ash Utilized.	Apr-24 to May-24
		+	+	+		+	+		+					
			11167	0		9734	0		9734	0				
			19906.75	0		17756.5	0		17756.5	0				

LINE-1

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

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

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

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

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

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

POWER PLANT (TPP # 1)

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

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

LINE-IV

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

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

POWER PLANT (TPP # 5)

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

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