

Through: Courier Service

Ref: VC: WS: ENV: 2023-24: A

Date: 11.03.2024


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 **February- 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

1383

- 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 : FEBRUARY-2024
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1311 Total Clinker Production for FEBRUARY 2024 : 4,42,415 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0120 Total Cement Production for FEBRUARY 2024 : 5,51,400 MT
 Lime stone
 : Additive : 0.0063
 : Gypsum : 0.0350
 : Coal (Fuel) : 0.1302
 : Laterite : 0.0704
 : Fly Ash : 0.1369

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-	01.02.2024	09.00 AM	17,000	8,316	30	18
3	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	03.02.2024	09.00 AM	17,300	14,413	30	23
4	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	02.02.2024	10.00 AM	5,500	4,445	30	15
5	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	01.02.2024	11.00 AM	6,500	4,657	30	18
6	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	01.02.2024	10.00 AM	6,500	3,538	30	25
7	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	03.02.2024	11.00 AM	20,000	7,152	30	23
8	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	05.02.2024	09.00 AM	10,800	9,891	30	19

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	05.02.2024	10.00 AM	15,500	5,427	30	23
10	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	16.02.2024	09.00 AM	25,000	12,108	30	25
11	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	16.02.2024	10.00 AM	25,000	12,650	30	18
12	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	03.02.2024	10.00 AM	3,50,000	1,78,038	30	20
13	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	02.02.2024	09.00 AM	63,800	37,491	30	21
14	Raw Mill/Kiln	3.00	80.2	80.20	RABH Bag House	RABH Bag House	02.02.2024	11.00 AM	3,30,000	1,78,164	30	19
15	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	05.02.2024	11.00 AM	57,000	40,550	30	24

LINE – I

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Month: FEBRUARY-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 (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	0.13								-do-
3	0.29								-do-
4	0.06								-do-
5	0.07								-do-
6	0.08								-do-
7	0.14								-do-
8	0.20								-do-
9	0.11								-do-
10	0.26								-do-
11	0.20								-do-
12	3.04								-do-
13	0.69								-do-
14	2.74	Format No. FP-037 enclosed.							-do-
15	0.85	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 : FEBRUARY-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	06.02.2024	10.00 AM	25,000	13,680	30	21
17	Raw meal silo	0.70	90.05	90.05	-do-	-do-	07.02.2024	10.00 AM	25,000	12,600	30	22
18	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	06.02.2024	11.00 AM	14,600	6,700	30	18
19	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	08.02.2024	10.00 AM	12,000	6,396	30	21
20	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	08.02.2024	11.00 AM	50,000	23,738	30	24
21	Static separator	0.50	40.00	40.00	-do-	-do-	09.02.2024	09.00 AM	12,000	9,608	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	„	„	20.02.2024	09.00 AM	25,000	11,700	30	15
24	Packer machine-3	0.80	33.00	33.00	„	„	20.02.2024	10.00 AM	25,000	11,520	30	27
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	„	„	09.02.2024	11.00 AM	6,000	2,925	30	18
27	Cement Silo-2	0.40	41.50	41.50	„	„	09.02.2024	12.00 PM	6,000	2,880	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
28	Cement silo-3	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	09.02.2024	02.00 PM	6,000	2,880	30	13
29	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	07.02.2024	09.00 AM	6,50,000	2,21,691	30	23
30	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	07.02.2024	11.00 AM	4,60,000	3,47,544	30	21
31	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	09.02.2024	10.00 AM	1,00,000	60,588	30	15
32	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	08.02.2024	09.00 AM	1,25,000	76,032	30	19

LINE-II

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Month: FEBRUARY-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	0.24								-do-	
18	0.11								-do-	
19	0.12								-do-	
20	0.51								-do-	
21	0.21								-do-	
22	NR								-do-	
23	0.13								-do-	
24	0.28								-do-	
25	NR								-do-	
26	0.05								-do-	
27	0.06								-do-	
28	0.03								-do-	
29	4.46	Format No FP – 037 enclosed								-do-
30	6.18								-do-	
31	0.81	Format No. FP-037 enclosed.								-do-
32	1.24								-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 : **FEBRUARY-2024**
 3. Raw Materials Consumption : Coal: 0.828 Kg/Kwh
TPP # 2, 9.5 MW, Coal: 0.000 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	14.02.2024	09.00 AM	1,40,508	64593	50	23
34	Coal crusher	0.5x0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	06.02.2024	09.00 AM	20,000	8,640	50	16
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	Feb-24	NR	91,919	NR	50	NR

THERMAL POWER PLANT

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Format No FP-036
Month: FEBRUARY-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	1.23	Format No-FP-037 enclosed							Process Inter lock
34	0.12								-do-
35	-								---
36	-								-do-

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LINE - III

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|-----------------------------------|------------------------------|-------------------------------------|
| 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: FEBRUARY-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	10.02.2024	03.00 PM	9,25,560	5,10,840	30	22
38	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	12.02.2024	09.00 AM	5,71,428	3,80,894	30	18
39	Coal Mill	1.80	52.00	52.00	Pulse jet bag filter	Pulse jet bag filter	10.02.2024	09.00 AM	1,75,001	1,09,944	30	20
40	Cement Mill	1.40	52.00	52.00	Bag filter	Bag filter	10.02.2024	10.00 AM	1,00,000	37,699	30	21
41	Crusher (1400 TPH) (Located at Mines)	1.50	32.00	32.00	-do-	-do-	10.02.2024	11.00 AM	63,000	50,890	30	18

LINE-III

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Month: FEBRUARY-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	8.76								Process Inter lock
38	4.52								-do-
39	1.88								-do-
40	0.71								-do-
41	0.80								-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 : FEBRUARY-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	14.02.2024	11.00 AM	2,08,152	49,617	50	27

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: FEBRUARY-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	1.11	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

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 | 4) Validity of Consent: 30.06.2026. |
| 2. Production capacity | : Ref. Page 1 of 22 | 5) Month : FEBRUARY-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	12.02.2024	10.00 AM	9,25,560	4,59,756	30	22
48	Cooler	3.35	48.00	50.00	ESP	ESP	13.02.2024	10.00 AM	5,71,428	3,49,153	30	22
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	12.02.2024	11.00 AM	1,75,000	52,223	30	22
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	13.02.2024	09.00 AM	1,00,000	31,601	30	25
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	7.18								Process Inter lock
48	4.98								-do-
49	0.96								-do-
50	0.68								-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: FEBRUARY-2024
 3. Raw Materials Consumption : Coal: 0.828 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	15.02.2024	09.00 AM	2,08,152	1,18,843	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	2.30	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: FEBRUARY-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 : FEBRUARY-2024
 3. Raw Materials Consumption : Coal: 0.828 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	15.02.2024	11.00 AM	2,81,000	1,86,754	50	21

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	3.28	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		
											10	11
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	21.02.2024	09.00 AM	25,000	11,024	30	26
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	21.02.2024	10.00 AM	25,000	12,650	30	21
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	22.02.2024	09.00 AM	25,000	11,566	30	20
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	22.02.2024	10.00 AM	25,000	11,205	30	18

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	0.25								
57	0.23								
58	0.21								
59	0.17								

** 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
 FEBRUARY-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	02.02.2024 to 03.02.2024	5 & 6	08.35 AM	08.50 AM	74	30	7	6	SE	
2	05.02.2024 to 06.02.2024	1 & 2	09.00 AM	08.55 AM	75	32	8	7	SE	
3	08.02.2024 to 09.02.2024	4 & 5	08.50 AM	08.45 AM	74	33	7	9	SE	
4	12.02.2024 to 13.02.2024	1 & 2	08.45 AM	08.50 AM	75	31	9	10	SE	
5	15.02.2024 to 16.02.2024	4 & 5	08.45 AM	09.00 AM	73	32	8	9	SE	
6	19.02.2024 to 20.02.2024	1 & 2	08.35 AM	08.45 AM	74	30	9	10	SE	
7	22.02.2024 to 23.02.2024	4 & 5	08.45 AM	08.50 AM	72	31	8	10	SE	
8	26.02.2024 to 27.02.2024	1 & 2	08.50 AM	08.55 AM	75	30	7	8	SE	
	24 Hourly Averages.				74	31	7.9	8.6		
	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				74	31	7.9	8.6		

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

VASAVADATTA CEMENT, SEDAM
Dairy Farm
 FEBRUARY-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	02.02.2024 to 03.02.2024	5 & 6	09.10 AM	09.15 AM	76	32	7	6	SE	
2	05.02.2024 to 06.02.2024	1 & 2	09.10 AM	09.05 AM	75	33	8	7	SE	
3	08.02.2024 to 09.02.2024	4 & 5	09.05 AM	09.10 AM	74	31	9	10	SE	
4	12.02.2024 to 13.02.2024	1 & 2	09.10 AM	09.15 AM	76	32	8	7	SE	
5	15.02.2024 to 16.02.2024	4 & 5	09.20 AM	09.25 AM	75	32	8	9	SE	
6	19.02.2024 to 20.02.2024	1 & 2	09.05 AM	09.05 AM	76	33	7	8	SE	
7	22.02.2024 to 23.02.2024	4 & 5	09.10 AM	09.15 AM	75	32	7	9	SE	
8	26.02.2024 to 27.02.2024	1 & 2	09.10 AM	08.55 AM	74	33	8	10	SE	
	24 Hourly Average.				75	32	7.8	8.3		
	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				75	32	7.8	8.3		

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

VASAVADATTA CEMENT, SEDAM
Mines Substation
 FEBRUARY-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	02.02.2024 to 03.02.2024	5 & 6	10.05 AM	10.10 AM	76	36	10	11	SE	
2	05.02.2024 to 06.02.2024	1 & 2	09.55 AM	09.50 AM	77	37	9	10	SE	
3	08.02.2024 to 09.02.2024	4 & 5	10.10 AM	10.05 AM	76	36	11	12	SE	
4	12.02.2024 to 13.02.2024	1 & 2	10.00 AM	09.55 AM	75	38/	9	10	SE	
5	15.02.2024 to 16.02.2024	4 & 5	09.50 AM	10.05 AM	77	36	10	11	SE	
6	19.02.2024 to 20.02.2024	1 & 2	09.35 AM	09.45 AM	76	37	9	10	SE	
7	22.02.2024 to 23.02.2024	4 & 5	09.50 AM	09.55 AM	78	36	9	10	SE	
8	26.02.2024 to 27.02.2024	1 & 2	09.40 AM	09.45 AM	75	38	10	11	SE	
	24 Hourly Average.				76	37	9.6	10.6		
	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				76	37	9.6	10.6		

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

VASAVADATTA CEMENT, SEDAM
Power Plant
 FEBRUARY-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	02.02.2024 to 03.02.2024	5 & 6	10.40 AM	10.45 AM	79	38	9	10	SE	
2	05.02.2024 to 06.02.2024	1 & 2	10.30 AM	10.35 AM	80	37	9	11	SE	
3	08.02.2024 to 09.02.2024	4 & 5	10.35 AM	10.50 AM	77	39	10	11	SE	
4	12.02.2024 to 13.02.2024	1 & 2	10.35 AM	10.40 AM	78	37	9	10	SE	
5	15.02.2024 to 16.02.2024	4 & 5	10.35 AM	10.40 AM	75	38	8	10	SE	
6	19.02.2024 to 20.02.2024	1 & 2	10.30 AM	10.35 AM	80	38	10	9	SE	
7	22.02.2024 to 23.02.2024	4 & 5	10.35 AM	10.20 AM	79	39	9	10	SE	
8	26.02.2024 to 27.02.2024	1 & 2	10.20 AM	10.15 AM	78	39	8	10	SE	
	24 Hourly Average.				78	38	9.0	10.1		
	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				78	38	9.0	10.1		

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	116812.88 + 12068	521444.544 + 58374.44	116784.94 + 11871.9	518174.66 + 53525.600	116784.94 + 11871.9	518174.66 + 53525.600	224.04	8118.724	99.82% for VC Ash includes Bed ash also.	Apr-23 to Feb-24		
			128880.88	579818.984	128656.84	571700.26	128656.84	571700.26						

POND ASH UTILIZATION PROFORMA

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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	Cem ent Industries		M/s VC	OUT-SIDE	M/s VC	OUT-SIDE			
						M/s VC	OUT-SIDE							Others
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	81138.06 + 11335	7322.7 + 0		79042.25 + 10417	7026.89 + 0		79042.25 + 10417	7026.89 + 0	3013.81	295.81	VC- 96.74% of Pond Ash Utilized. and Out side 95.96 %	Apr-23 to Feb-24
		92473.06	7322.7	89459.25		7026.89	89459.25		7026.89					

LINE-1

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

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

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

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

LINE-II

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

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

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

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

POWER PLANT (TPP # 1)

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

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

POWER PLANT (TPP # 2)

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

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

LINE-III

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

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

LINE-IV

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

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

POWER PLANT (TPP # 5)

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

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