

Through: Courier Service

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

Date: 06.01.2024

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 **December- 2023**.

Kiln-II was stopped from 13.12.2023 to 17.12.2023 and started from 18.12.2023.  
Kiln-IV was stopped from 21.12.2023 to 09.12.2023 and started from 10.12.2023.

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, 4<sup>th</sup> & 5<sup>th</sup> Floor,  
Parisara Bhavana, Church Street,  
Bangalore-560 001

1165

- 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 -2023  
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA  
 3) Raw Materials / Ton of product : Lime Stone : 1.1264 Total Clinker Production for DECEMBER 2023 : 4,07,415 MT  
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0120 Total Cement Production for DECEMBER 2023 : 4,93,182 MT  
 Lime stone  
 : Additive : 0.00762  
 : Gypsum : 0.0348  
 : Coal (Fuel) : 0.1263  
 : Laterite : 0.0706  
 : Fly Ash : 0.1392

Sr No.	Source	Dia. of Chimney in meters	Chimney ht in (m)		APC Equipment		Monitoring date	Time	Emission rate m <sup>3</sup> / H		Emission level mg / Nm <sup>3</sup>	
			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-	01.12.2023	09.00 AM	17,000	8,732	30	18
3	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	04.12.2023	09.00 AM	17,300	14,413	30	23
4	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	02.12.2023	10.00 AM	5,500	4,375	30	20
5	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	01.12.2023	11.00 AM	6,500	4,445	30	18
6	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	01.12.2023	10.00 AM	6,500	3,594	30	23
7	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	04.12.2023	11.00 AM	20,000	6,827	30	14
8	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	05.12.2023	09.00 AM	10,800	9,043	30	19

**LINE - I**

Sr. No.	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring date	Time	Emission rate m <sup>3</sup> / H		Emission level mg / Nm <sup>3</sup>	
			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	05.12.2023	10.00 AM	15,500	5,103	30	17
10	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	20.12.2023	09.00 AM	25,000	11,385	30	22
11	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	20.12.2023	10.00 AM	25,000	12,650	30	18
12	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	04.12.2023	10.00 AM	3,50,000	1,57,691	30	23
13	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	02.12.2023	09.00 AM	63,800	38,076	30	21
14	Raw Mill/Kiln	3.00	80.2	80.20	RABH Bag House	RABH Bag House	02.12.2023	11.00 AM	3,30,000	2,06,161	30	22
15	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	05.12.2023	11.00 AM	57,000	41,184	30	18

**LINE – I**

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Month: DECEMBER -2023

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	0.14								-do-
3	0.29								-do-
4	0.08								-do-
5	0.07								-do-
6	0.07								-do-
7	0.08								-do-
8	0.15								-do-
9	0.07								-do-
10	0.21								-do-
11	0.20								-do-
12	3.18								-do-
13	0.70								-do-
14	3.82	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 : DECEMBER -2023

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 <sup>3</sup> / Hr		Emission Level mg / Nm <sup>3</sup>	
			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	06.12.2023	09.00 AM	25,000	12,960	30	21
17	Raw meal silo	0.70	90.05	90.05	-do-	-do-	07.12.2023	10.00 AM	25,000	11,160	30	24
18	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	06.12.2023	11.00 AM	14,600	6,091	30	21
19	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	08.12.2023	10.00 AM	12,000	6,396	30	21
20	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	08.12.2023	11.00 AM	50,000	23,173	30	21
21	Static separator	0.50	40.00	40.00	-do-	-do-	08.12.2023	03.00 PM	12,000	10,739	30	22

**LINE - II**

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Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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	„	„	25.12.2023	09.00 AM	25,000	11,340	30	12
24	Packer machine-3	0.80	33.00	33.00	„	„	25.12.2023	10.00 AM	25,000	11,340	30	17
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	„	„	11.12.2023	10.00 AM	6,000	2,925	30	18
27	Cement Silo-2	0.40	41.50	41.50	„	„	11.12.2023	11.00 AM	6,000	2,835	30	25

**LINE - II**

Sr. No	Source	Dia. of chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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	11.12.2023	03.00 PM	6,000	2,835	30	20
29	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	07.12.2023	09.00 AM	6,50,000	2,21,691	30	20
30	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	07.12.2023	11.00 AM	4,60,000	2,89,620	30	18
31	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	11.12.2023	09.00 AM	1,00,000	60,558	30	17
32	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	08.12.2023	09.00 AM	1,25,000	76,032	30	19

**LINE-II**

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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	0.23								Process Inter lock	
17	0.23								-do-	
18	0.11								-do-	
19	0.12								-do-	
20	0.44								-do-	
21	0.21								-do-	
22	NR								-do-	
23	0.12								-do-	
24	0.17								-do-	
25	NR								-do-	
26	0.05								-do-	
27	0.06								-do-	
28	0.05								-do-	
29	3.82	Format No FP – 037 enclosed								-do-
30	4.49								-do-	
31	0.88	Format No. FP-037 enclosed.								-do-
32	1.25								-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**

- |   |  |                                     |
|---|--|-------------------------------------|
| 1. Name of the Unit                         | : <b>VASAVADATTA CEMENT – SEDAM</b>                                | 4) Validity of Consent: 30.06.2026. |
| 2. Production Capacity of Power Plant in MW | : <b>TPP # 1, 15.7</b> (Peak capacity 16.2)                        | 5) Month : <b>DECEMBER -2023</b>    |
| 3. Raw Materials Consumption                | : Coal: 1.010 Kg/Kwh<br><b>TPP # 2, 9.5 MW, Coal: 0.994 Kg/Kwh</b> |                                     |

Sr. No	Source	Dia. of Chimney in (m)	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / H		Emission level mg/Nm <sup>3</sup>	
			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	18.12.2023	09.00 AM	1,40,508	62,369	50	22
34	Coal crusher	0.5x0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	06.12.2023	09.00 AM	20,000	8,640	50	19
35	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	Not running				--	
36	Boiler 42 TPH(CPP-2)	1.90	65	65	ESP	ESP	29.12.2023	10.00 AM	91,919	81,418	50	15

**THERMAL POWER PLANT**

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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	1.16	Format No-FP-037 enclosed							Process Inter lock
34	0.14								-do-
35	-								---
36	0.98								-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 - 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: DECEMBER -2023            |
| 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 <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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	15.12.2023	09.00 AM	9,25,560	4,08,672	30	21
38	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	16.12.2023	10.00 AM	5,71,428	3,17,412	30	21
39	Coal Mill	1.80	52.00	52.00	Pulse jet bag filter	Pulse jet bag filter	15.12.2023	10.00 AM	1,75,001	1,09,944	30	21
40	Cement Mill	1.40	52.00	52.00	Bag filter	Bag filter	15.12.2023	11.00 AM	1,00,000	34,927	30	24
41	Crusher (1400 TPH) (Located at Mines)	1.50	32.00	32.00	-do-	-do-	06.12.2023	09.00 AM	63,000	47,073	30	24

**LINE-III**

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Month: DECEMBER -2023

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	6.55								Process Inter lock
38	4.40								-do-
39	2.00								-do-
40	0.76								-do-
41	0.99								-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.

## 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 -2023  
 3. Raw Materials Consumption : Coal: 1.054 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m)	Chimney height (in m.)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / hr		Emission level mg/Nm <sup>3</sup>	
			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	30.12.2023	11.00 AM	2,08,152	45,801	50	21

## TPP-III

### THERMAL POWER PLANT

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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	0.80	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 <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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 : DECEMBER -2023  
 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 <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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	12.12.2023	09.00 AM	9,25,560	3,57,588	30	22
48	Cooler	3.35	48.00	50.00	ESP	ESP	12.12.2023	11.00 AM	5,71,428	3,49,153	30	22
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	12.12.2023	10.00 AM	1,75,000	48,559	30	18
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	13.12.2023	10.00 AM	1,00,000	29,383	30	22
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	5.53								Process Inter lock
48	4.84								-do-
49	0.77								-do-
50	0.56								-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 -2023  
 3. Raw Materials Consumption : Coal: 1.036      Kg/Kwh

SI No	Source	Dia. of Chimney in (m)	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / hr		Emission level mg/Nm <sup>3</sup>	
			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	30.12.2023	09.00 AM	2,08,152	1,18,843	50	18

## 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	1.83	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-IV)**

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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: DECEMBER 2023

Sr. 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
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 : DECEMBER -2023  
 3. Raw Materials Consumption : Coal: 1.039 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m).	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / H		Emission level mg/Nm <sup>3</sup>	
			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	28.12.2023	10.00 AM	2,81,000	1,86,753	50	18

## 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	2.87	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 <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			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	---	---	---
<b>Unit-III and Unit-IV Packers</b>												
56	Unit-III Packing Plant-1	0.80	37.8	37.8	Pulse Jet bag filter	Pulse Jet bag filter	26.12.2023	09.00 AM	25,000	11,566	30	20
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	26.12.2023	10.00 AM	25,000	11,205	30	23
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	27.12.2023	08.30 AM	25,000	11,205	30	25
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	27.12.2023	10.00 AM	25,000	11,205	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	0.20								
57	0.22								
58	0.25								
59	0.24								

\*\* 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-2023

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 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	04.12.2023 to 05.12.2023	1 & 2	08.45 AM	09.00 AM	80	34	8	9	SE	
2	07.12.2023 to 08.12.2023	4 & 5	09.10 AM	09.05 AM	79	33	9	10	SE	
3	11.12.2023 to 12.12.2023	1 & 2	09.00 AM	08.55 AM	81	34	8	9	SE	
4	14.12.2023 to 15.12.2023	4 & 5	08.55 AM	09.00 AM	80	35	8	10	SE	
5	18.12.2023 to 19.12.2023	1 & 2	08.55 AM	09.10 AM	78	34	8	9	SE	
6	21.12.2023 to 22.12.2023	4 & 5	08.45 AM	08.55 AM	80	35	9	10	SE	
7	25.12.2023 to 26.12.2023	1 & 2	08.55 AM	09.00 AM	81	35	8	9	SE	
8	28.12.2023 to 29.12.2023	4 & 5	09.00 AM	09.05 AM	82	34	9	10	SE	
	24 Hourly Averages.				<b>80</b>	<b>34</b>	<b>8.4</b>	<b>9.5</b>		
	<b>AAQ LIMITS (24 hrs):</b> PM <sub>10</sub> -100µg/m <sup>3</sup> ,PM <sub>2.5</sub> -60µg/m <sup>3</sup> ,SO <sub>2</sub> -80µg/m <sup>3</sup> ,NO <sub>x</sub> 80µg/m <sup>3</sup>				<b>80</b>	<b>34</b>	<b>8.4</b>	<b>9.5</b>		

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

VASAVADATTA CEMENT, SEDAM  
**Dairy Farm**  
 DECEMBER-2023

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S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	04.12.2023 to 05.12.2023	1 & 2	09.10 AM	09.15 AM	78	35	9	10	SE	
2	07.12.2023 to 08.12.2023	4 & 5	09.10 AM	09.05 AM	79	35	8	9	SE	
3	11.12.2023 to 12.12.2023	1 & 2	09.05 AM	09.10 AM	80	36	9	10	SE	
4	14.12.2023 to 15.12.2023	4 & 5	09.10 AM	09.15 AM	80	36	9	10	SE	
5	18.12.2023 to 19.12.2023	1 & 2	09.20 AM	09.25 AM	81	35	8	9	SE	
6	21.12.2023 to 22.12.2023	4 & 5	09.05 AM	09.05 AM	80	35	8	9	SE	
7	25.12.2023 to 26.12.2023	1 & 2	09.10 AM	09.15 AM	79	36	9	11	SE	
8	28.12.2023 to 29.12.2023	4 & 5	09.10 AM	08.55 AM	80	35	8	9	SE	
	24 Hourly Average.				<b>80</b>	<b>35</b>	<b>8.5</b>	<b>9.6</b>		
	<b>AAQ LIMITS (24 hrs):</b> PM <sub>10</sub> -100µg/m <sup>3</sup> ,PM <sub>2.5</sub> -60µg/m <sup>3</sup> ,SO <sub>2</sub> -80µg/m <sup>3</sup> ,NO <sub>x</sub> -80µg/m <sup>3</sup>				<b>80</b>	<b>35</b>	<b>8.5</b>	<b>9.6</b>		

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

VASAVADATTA CEMENT, SEDAM  
**Mines Substation**  
 DECEMBER-2023

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S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	04.12.2023 to 05.12.2023	1 & 2	10.15 AM	10.20 AM	81	37	10	11	SE	
2	07.12.2023 to 08.12.2023	4 & 5	10.05 AM	10.0 AM	82	37	9	10	SE	
3	11.12.2023 to 12.12.2023	1 & 2	10.20 AM	10.15 AM	81	36	10	11	SE	
4	14.12.2023 to 15.12.2023	4 & 5	10.10 AM	10.05 AM	82	38	9	10	SE	
5	18.12.2023 to 19.12.2023	1 & 2	10.00 AM	10.15 AM	81	38	10	11	SE	
6	21.12.2023 to 22.12.2023	4 & 5	09.45 AM	09.55 AM	80	37	9	10	SE	
7	25.12.2023 to 26.12.2023	1 & 2	10.00 AM	10.05 AM	81	37	9	10	SE	
8	28.12.2023 to 29.12.2023	4 & 5	09.50 AM	09.55 AM	82	36	10	11	SE	
	24 Hourly Average.				<b>81</b>	<b>37</b>	<b>9.5</b>	<b>10.5</b>		
	<b>AAQ LIMITS (24 hrs):</b> PM <sub>10</sub> -100µg/m <sup>3</sup> ,PM <sub>2.5</sub> -60µg/m <sup>3</sup> ,SO <sub>2</sub> -80µg/m <sup>3</sup> ,NO <sub>x</sub> -80µg/m <sup>3</sup>				<b>81</b>	<b>37</b>	<b>9.5</b>	<b>10.5</b>		

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

VASAVADATTA CEMENT, SEDAM  
**Power Plant**  
 DECEMBER-2023

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 Weekly Report.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	04.12.2023 to 05.12.2023	1 & 2	10.50 AM	10.55 AM	82	39	11	12	SE	
2	07.12.2023 to 08.12.2023	4 & 5	10.40 AM	10.45 AM	81	40	10	11	SE	
3	11.12.2023 to 12.12.2023	1 & 2	10.45 AM	11.00 AM	81	38	11	12	SE	
4	14.12.2023 to 15.12.2023	4 & 5	10.45 AM	10.50 AM	82	39	10	11	SE	
5	18.12.2023 to 19.12.2023	1 & 2	10.45 AM	10.50 AM	82	39	9	10	SE	
6	21.12.2023 to 22.12.2023	4 & 5	10.40 AM	10.45 AM	82	38	10	11	SE	
7	25.12.2023 to 26.12.2023	1 & 2	10.45 AM	10.30 AM	81	39	10	12	SE	
8	28.12.2023 to 29.12.2023	4 & 5	10.30 AM	10.25 AM	82	40	9	12	SE	
	24 Hourly Average.				<b>82</b>	<b>39</b>	<b>10</b>	<b>11.4</b>		
	<b>AAQ LIMITS (24 hrs):</b> PM <sub>10</sub> -100µg/m <sup>3</sup> ,PM <sub>2.5</sub> -60µg/m <sup>3</sup> ,SO <sub>2</sub> -80µg/m <sup>3</sup> ,NO <sub>x</sub> -80µg/m <sup>3</sup>				<b>82</b>	<b>39</b>	<b>10</b>	<b>11.4</b>		

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

VASAVADATTA CEMENT, SEDAM  
**Lions Bhavan (Sedam Town)**  
DECEMBER-2023

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S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM10	PM2.5	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
Monitoring was not done due to power supply was not available										
AAQ LIMITS (24 hrs):PM <sub>10</sub> -100µg/m <sup>3</sup> ,PM <sub>2.5</sub> -60µg/m <sup>3</sup> ,SO <sub>2</sub> -80µg/m <sup>3</sup> ,NO <sub>x</sub> -80µg/m <sup>3</sup>										

**FLY ASH UTILIZATION PROFORMA**

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DECEMBER -2023

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	87073.88	428039.331		86191.64	417239.66		86191.64	417239.66	579.44	3799	99.44% for VC Ash includes Bed ash also.	Apr-23 to Dec-23
			+ 16656	+ 41016.833		+ 16958.30	+ 48017.50		+ 16958.30	+ 48017.50				
			103729.88	469056.164		103149.94	465257.16		103149.94	465257.16				



**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	Cement 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	62832.06 + 6849	7322.7 + 0		62731.75 + 3644	6976 + 50.89		62731.75 + 3644	6976 + 50.89	3305.31	295.81	VC- 95.25% of Pond Ash Utilized. and Out side 95.96 %	Apr-23 to Dec-23
		69681.06	7322.7	66375.75		7026.89	66375.75		7026.89					

**LINE-1**

a.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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b.) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**LINE-II**

c.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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d) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**POWER PLANT (TPP # 1)**

e) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**POWER PLANT (TPP # 2)**

f) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**LINE-III**

g) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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h) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**POWER PLANT (TPP # 3)**

i) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**LINE-IV**

a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**POWER PLANT (TPP # 4)**

j) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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**POWER PLANT (TPP # 5)**

k) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF DECEMBER -2023

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

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