

Through: Courier Service

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

Date: 08/06/2023

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- 2023**.


Kiln-I was stopped from 07.09.2022 to 28.09.2022 and started from 29.09.2022.

Kiln-II Stopped from 16.05.2023.

Kiln-III was stopped from 13.07.2022 to 11.08.2022 and started from 12.08.2022.

Kiln-IV was stopped from 25.05.2022 to 10.06.2022 and started from 11.06.2022.

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

335

⇒ o/c . Env. Dept.

P + 08441 - 276005 / 276391

Corporate Office :  
E : corporate@kesoram.net

Kesoram Industries Limited  
Cement Division

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

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



- 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 -2023  
 Combined Cement Production Line- I, II, III & IV: 9.0 MTPA  
 3) Raw Materials / Ton of product : Lime Stone : 1.1229 Total Clinker Production for MAY -2023: 4, 01,979 MT  
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0125 Total Cement Production for MAY -2023: 5, 24,750 MT  
 Lime stone : Additive : 0.00265 Pet coke Consumption for MAY -2023: 4,318.938 MT  
 : Gypsum : 0.0320  
 : Coal (Fuel) : 0.1193  
 : Laterite : 0.0731  
 : Fly Ash : 0.1437  
 : Shale : 0.0029

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-	02.05.2023	09.00 AM	17,000	8,454	30	23
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	04.05.2023	09.00 AM	17,300	14,412	30	24
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	03.05.2023	10.00 AM	5,500	4,304	30	21
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	02.05.2023	11.00 AM	6,500	4,304	30	29
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	02.05.2023	10.00 AM	6,500	3,538	30	19
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	04.05.2023	11.00 AM	20,000	7,043	30	15
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	05.05.2023	09.00 AM	10,800	9,043	30	29

**LINE - I**

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Format No. FP - 036  
Month: May-2023

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	05.05.2023	10.00 AM	15,500	4,941	30	26
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	19.05.2023	03.00 PM	25,000	11,024	30	22
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	20.05.2023	09.00 AM	25,000	12,831	30	18
12.	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	04.05.2023	10.00 AM	3,50,000	1,55,147	30	24
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	03.05.2023	09.00 AM	63,800	38,662	30	21
14.	Raw Mill/Kiln	3.00	80.2	80.2	RABH Bag House	RABH Bag House	03.05.2023	11.00 AM	3,30,000	2,16,342	30	28
15.	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	05.05.2023	11.00 AM	57,000	38,649	30	24

**LINE – I**

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Format No. FP-036  
Month: May-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.	0.17								-do-
3.	0.30								-do-
4.	0.05								-do-
5.	0.09								-do-
6.	0.08								-do-
7.	0.09								-do-
8.	0.23								-do-
9.	0.11								-do-
10.	0.22								-do-
11.	0.20								-do-
12.	3.24								-do-
13.	0.53								-do-
14.	5.0	Format No. FP-037 enclosed.							-do-
15.	0.78	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 -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	06.05.2023	10.00 AM	25,000	13,680	30	21
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	08.05.2023	10.00 AM	25,000	10,980	30	27
18.	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	06.05.2023	11.00 AM	14,600	6,192	30	24
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	09.05.2023	10.00 AM	12,000	7,106	30	21
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	09.05.2023	11.00 AM	50,000	24,021	30	21
21.	Static separator	0.50	40.00	40.00	-do-	-do-	10.05.2023	09.00 AM	12,000	10,456	30	27

**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
22.	Packer machine-1	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	22.05.2023	11.00 AM	25,000	10,980	30	19
23.	Packer machine-2	0.80	33.00	33.00	„	„	22.05.2023	09.00 AM	25,000	10,980	30	27
24.	Packer machine-3	0.80	33.00	33.00	„	„	NR	NR	25,000	NR	30	NR
25.	Packer machine-4	0.80	33.00	33.00	„	„	23.05.2023	09.00 AM	25,000	10,980	30	21
26.	Cement Silo-1	0.40	41.50	41.50	„	„	10.05.2023	11.00 AM	6,000	2,925	30	18
27.	Cement Silo-2	0.40	41.50	41.50	„	„	11.05.2023	09.00AM	6,000	2,925	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	11.05.2023	10.00 AM	6,000	2,745	30	21
29.	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	08.05.2023	09.00 AM	6,50,000	2,18,226	30	27
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	08.05.2023	11.00 AM	4,60,000	3,18,582	30	20
31.	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	10.05.2023	10.00 AM	1,00,000	60,588	30	23
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	09.05.2023	09.00 AM	1,25,000	85,536	30	21

**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.	0.25								Process Inter lock	
17.	0.22								-do-	
18.	0.13								-do-	
19.	0.15								-do-	
20.	0.44								-do-	
21.	0.26								-do-	
22.	0.18								-do-	
23.	0.26								-do-	
24.	NR								-do-	
25.	0.20								-do-	
26.	0.05								-do-	
27.	0.07								-do-	
28.	0.05								-do-	
29.	4.90	Format No FP – 037 enclosed								-do-
30.	4.85								-do-	
31.	1.17	Format No. FP-037 enclosed.								-do-
32.	1.55								-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**

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Format No FP-036  
Month: May -2023

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.	NR	Format No-FP-037 enclosed							Process Inter lock
34.	0.14								-do-
35.	-								---
36.	NR								-do-

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**LINE-III**

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Format No. FP-036  
Month: May -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	7.59								Process Inter lock
38	5.03								-do-
39	1.48								-do-
40	0.66								-do-
41	0.99								-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 -2023  
 3. Raw Materials Consumption : Coal: 0.792 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		
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	16.05.2023	09.00 AM	2,08,152	45,164	50	27

## TPP-III

### THERMAL POWER PLANT

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Format No FP-036  
Month: May -2023

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	0.98	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 : May -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	13.05.2023	11.00 AM	9,25,560	4,59,756	30	21
48	Cooler	3.35	48.00	50.00	ESP	ESP	15.05.2023	11.00 AM	5,71,428	3,49,153	30	26
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	15.05.2023	09.00 AM	1,75,000	48,559	30	24
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	15.05.2023	10.00 AM	1,00,000	29,383	30	27
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	6.46								Process Inter lock
48	5.21								-do-
49	1.03								-do-
50	0.70								-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 -2023  
 3. Raw Materials Consumption : Coal: 0.792 Kg/Kwh

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
52.	Boiler 80 TPH (CPP-4)	2.45	80	80	ESP	ESP	16.05.2023	10.00 AM	2,08,152	1,06,958	50	25

## 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	2.15	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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Format No. FP – 036  
Month: May -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 : May -2023  
 3. Raw Materials Consumption : Coal: 0.793 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	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
54.	Boiler 80 TPH (CPP-5)18 MW	2.45	80	80	ESP	ESP	16.05.2023	11.00 AM	2,81,000	2,03,731	50	27

## 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	4.48	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 <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	24.05.2023	09.00 AM	25,000	11,746	30	22
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	24.05.2023	10.00 AM	25,000	11,385	30	24
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	25.05.2023	09.00 AM	25,000	11,385	30	23
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	27.05.2023	09.00 AM	25,000	11,385	30	27

**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	0.23								
58	0.22								
59	0.27								

\*\* 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 -2023

PAGE NO 26 OF 32  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.05.2023 to 02.05.2023	1 & 2	09.10 AM	09.05 AM	85	58	14	15	SE	
2	04.05.2023 to 05.05.2023	4 & 5	09.25 AM	09.20 AM	84	56	15	13	NW	
3	08.05.2023 to 09.05.2023	1 & 2	09.05 AM	09.00 AM	87	55	18	15	N	
4	11.05.2023 to 12.05.2023	4 & 5	09.00 AM	08.55 AM	88	58	12	16	NW	
5	15.05.2023 to 16.05.2023	1 & 2	09.10 AM	09.05 AM	85	55	12	15	NW	
6	18.05.2023 to 19.05.2023	4 & 5	09.15 AM	09.10 AM	84	56	14	13	NW	
7	22.05.2023 to 23.05.2023	1 & 2	09.05 AM	09.00 AM	85	55	15	14	NW	
8	25.05.2023 to 26.05.2023	4 & 5	09.15 AM	09.10 AM	88	58	12	13	NW	
9	29.05.2023 to 30.05.2023	1 & 2	09.05 AM	09.00 AM	85	59	14	16	NW	
	24 Hourly Averages.				<b>86</b>	<b>57</b>	<b>14.47</b>	<b>15.77</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>86</b>	<b>57</b>	<b>14.47</b>	<b>15.77</b>		

NAME OF UNIT

VASAVADATTA CEMENT SEDAM

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LOCATION OF A.A.Q.M STATION.

DAIRY FARM

FORMAT NO FP-036

MONTH

May -2023

ANNEXURE - V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>		
1	2	3	4		5	6	7	8	9	10
1	01.05.2023 to 02.05.2023	1 & 2	09.10 AM	09.05 AM	84	56	16	13	NW	
2	04.05.2023 to 05.05.2023	4 & 5	09.25 AM	09.20 AM	87	58	14	12	NW	
3	08.05.2023 to 09.05.2023	1 & 2	09.05 AM	09.00 AM	88	56	12	13	NW	
4	11.05.2023 to 12.05.2023	4 & 5	09.00 AM	08.55 AM	83	58	13	11	NW	
5	15.05.2023 to 16.05.2023	1 & 2	09.10 AM	09.05 AM	88	55	15	13	N	
6	18.05.2023 to 19.05.2023	4 & 5	09.15 AM	09.10 AM	85	57	17	15	NW	
7	22.05.2023 to 23.05.2023	1 & 2	09.05 AM	09.00 AM	84	56	13	14	NW	
8	25.05.2023 to 26.05.2023	4 & 5	09.15 AM	09.10 AM	88	58	15	13	W	
9	29.05.2023 to 30.05.2023	1 & 2	09.05 AM	09.00 AM	85	55	16	15	NW	
	24 Hourly Average.				<b>86</b>	<b>57</b>	<b>14.5</b>	<b>14.66</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>86</b>	<b>57</b>	<b>14.5</b>	<b>14.66</b>		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

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LOCATION OF A.A.Q.M STATION.

MINES SUBSTATION

FORMAT NO FP-036

MONTH

May -2023

ANNEXURE - V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.05.2023 to 02.05.2023	1 & 2	09.10 AM	09.05 AM	84	58	16	15	NW	
2	04.05.2023 to 05.05.2023	4 & 5	09.25 AM	09.20 AM	86	60	14	16	NW	
3	08.05.2023 to 09.05.2023	1 & 2	09.05 AM	09.00 AM	88	55	16	14	NW	
4	11.05.2023 to 12.05.2023	4 & 5	09.00 AM	08.55 AM	83	57	12	13	NW	
5	15.05.2023 to 16.05.2023	1 & 2	09.10 AM	09.05 AM	85	55	14	12	N	
6	18.05.2023 to 19.05.2023	4 & 5	09.15 AM	09.10 AM	86	58	12	16	NW	
7	22.05.2023 to 23.05.2023	1 & 2	09.05 AM	09.00 AM	88	55	16	14	NW	
8	25.05.2023 to 26.05.2023	4 & 5	09.15 AM	09.10 AM	84	58	13	12	W	
9	29.05.2023 to 30.05.2023	1 & 2	09.05 AM	09.00 AM	86	55	12	14	NW	
	24 Hourly Average.				<b>86</b>	<b>57</b>	<b>14.37</b>	<b>15.41</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>86</b>	<b>57</b>	<b>14.37</b>	<b>15.41</b>		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

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LOCATION OF A.A.Q.M. STATION.

POWER PLANT

FORMAT NO FP-036

MONTH

May -2023

ANNEXURE -V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>		
1	2	3	4		5	6	7	8	9	10
1	01.05.2023 to 02.05.2023	1 & 2	09.10 AM	09.05 AM	83	56	14	16	NW	
2	04.05.2023 to 05.05.2023	4 & 5	09.25 AM	09.20 AM	87	58	15	13	NW	
3	08.05.2023 to 09.05.2023	1 & 2	09.05 AM	09.00 AM	88	55	14	14	NW	
4	11.05.2023 to 12.05.2023	4 & 5	09.00 AM	08.55 AM	85	56	16	12	NW	
5	15.05.2023 to 16.05.2023	1 & 2	09.10 AM	09.05 AM	86	58	13	14	N	
6	18.05.2023 to 19.05.2023	4 & 5	09.15 AM	09.10 AM	88	55	12	15	NW	
7	22.05.2023 to 23.05.2023	1 & 2	09.05 AM	09.00 AM	85	60	14	15	NW	
8	25.05.2023 to 26.05.2023	4 & 5	09.15 AM	09.10 AM	86	57	15	13	W	
9	29.05.2023 to 30.05.2023	1 & 2	09.05 AM	09.00 AM	88	55	16	14	NW	
	24 Hourly Average.				<b>86</b>	<b>57</b>	<b>14.40</b>	<b>15.15</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>86</b>	<b>57</b>	<b>14.40</b>	<b>15.15</b>		

NAME OF UNIT  
 LOCATION OF A.A.Q.M. STATION.  
 MONTH  
 WEEK NO.

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN (Sedam Town)  
 May -2023

PAGE NO 30 OF 32  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>X</sub>		
1	2	3	4		5	6	7	8	9	10
1	01.05.2023 to 02.05.2023	1 & 2	09.10 AM	09.05 AM	85	55	12	15	NW	
2	04.05.2023 to 05.05.2023	4 & 5	09.25 AM	09.20 AM	88	58	14	14	NW	
3	08.05.2023 to 09.05.2023	1 & 2	09.05 AM	09.00 AM	86	56	12	16	NW	
4	11.05.2023 to 12.05.2023	4 & 5	09.00 AM	08.55 AM	85	55	15	14	NW	
5	15.05.2023 to 16.05.2023	1 & 2	09.10 AM	09.05 AM	83	57	13	15	N	
6	18.05.2023 to 19.05.2023	4 & 5	09.15 AM	09.10 AM	88	56	15	16	NW	
7	22.05.2023 to 23.05.2023	1 & 2	09.05 AM	09.00 AM	83	57	16	14	NW	
8	25.05.2023 to 26.05.2023	4 & 5	09.15 AM	09.10 AM	84	55	14	16	W	
9	29.05.2023 to 30.05.2023	1 & 2	09.05 AM	09.00 AM	86	58	12	12	NW	
	24 Hourly Average.				<b>85</b>	<b>56</b>	<b>14.17</b>	<b>15.82</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>85</b>	<b>56</b>	<b>14.17</b>	<b>15.82</b>		

**FLY ASH UTILIZATION PROFORMA**

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May -2023

S.No	Name & Address of The unit	Capacity	Quantity of fly ash generated / Year MT / Year		Utilization ( MT / Year )				Total Utilized		Un-utilized quantity MT /Year		Percentage	Remarks
			M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI	Bricks	Cement Industries		Others	M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI	M/s VC	ARV/ARV S/ ASHTECH -RAICHUR & UDUPI		
						M/s VC	ARV/ARVS/ ASHTECH- RAICHUR & UDUPI							
1	M/s Vasavadatt a Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	11394.28 + 9356.0	61372.921 + 67912.060		11301.29 + 9250.900	60064.810 + 62311.60		11301.29 + 9250.900	60064.810 + 62311.60	198.09	6908.571	99.04% for VC Ash includes Bed ash also.	Apr-23 to May-23
			20750.28	129284.981		20552.19	122376.41		20552.19	122376.41				



**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	9474.06	3823		6764.900	1545.00	Others	6764.900	1545.00	1255	VC-62.85% of Pond Ash Utilized. and Out side 67.17	Apr-23 to May-23
			+ 6029.0	+ 0.0		+ 2979.0	+ 1023.00		+ 2979.0	+ 1023.00			
			15503.06	3823.00		9743.900	2568.0		9743.900	2568.0			

**LINE-1**

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

---

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

---

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

---

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

---

**LINE-II**

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

---

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

---

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

---

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 MAY -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 MAY -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 MAY -2023

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

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

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

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**POWER PLANT (TPP # 3)**

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

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

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**LINE-IV**

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

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

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

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**POWER PLANT (TPP # 5)**

l) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF MAY -2023

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

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