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Through: Courier Service


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Ref: VC: WS: ENV: 2022-23: A

Date: 08/10/2022

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 **September- 2022**.


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

Kiln-II Stopped from 14.09.2022 to 22.09.2022 and started from 23.09.2022.

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, 4th & 5th Floor,
Parisara Bhavana,
Church Street,
Bangalore-560 001

147

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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

→ o/c Env. Dept.



- 1) Name of the Unit : VASAVADATTA CEMENT-SEDAM 4) Validity of Consent: 30.06.2026.
 2) Combined Clinker Capacity of Line- I, II, III & IV: 6.0 MTPA 5) Month : SEPTEMBER - 2022
 Combined Cement Production Line- I, II, III & IV: 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1073 Total Clinker Production for SEPTEMBER -2022: 3, 47,267 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0133 Total Cement Production for SEPTEMBER -2022: 4, 71,780 MT
 Lime stone : Fly Ash : 0.1467 Pet coke Consumption for SEPTEMBER -2022: 11,373.379MT
 : Additive : 0.0903
 : Gypsum : 0.0308
 : Coal (Fuel) : 0.1164
 : Shale : 0.0000

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-	03.09.2022	09.00 AM	17,000	8,731	30	27
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	05.09.2022	09.00 AM	17,300	14,977	30	19
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	10.09.2022	10.00 AM	5,500	4,515	30	25
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	09.05.2022	11.00 AM	6,500	3,669	30	24
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	03.09.2022	10.00 AM	6,500	3,650	30	27
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	05.09.2022	11.00 AM	20,000	6,609	30	21
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	06.09.2022	09.00 AM	10,800	10,173	30	24

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: September - 2022

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	06.09.2022	10.00 AM	15,500	5,265	30	21
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	21.09.2022	10.00 AM	25,000	12,108	30	22
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	21.09.2022	11.00 AM	25,000	13,192	30	20
12.	Clinker Cooler	3.00	48.0	48.0	ESP	ESP	05.09.2022	10.00 AM	3,50,000	1,57,690	30	19
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	01.09.2022	09.00 AM	63,800	36,904	30	17
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	01.09.2022	11.00 AM	3,30,000	2,21,432	30	27
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	06.09.2022	11.00 AM	57,000	41,184	30	19

LINE – I

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Format No. FP-036
September - 2022

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.	0.20								-do-	
3.	0.24								-do-	
4.	0.10								-do-	
5.	0.08								-do-	
6.	0.09								-do-	
7.	0.12								-do-	
8.	0.21								-do-	
9.	0.10								-do-	
10.	0.23								-do-	
11.	0.23								-do-	
12.	2.63								-do-	
13.	0.53								-do-	
14.	5.13	Format No. FP-037 enclosed.								-do-
15.	0.68	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
2. Production capacity : Ref. Page 1 of 22
Raw Materials / Ton of product : Ref. Page 1 of 22

4) Validity of Consent: 30.06.2026.
5) Month : September - 2022

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 & weigh feeders	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	07.09.2022	10.00 AM	25,000	13,500	30	21
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	08.09.2022	10.00 AM	25,000	12,420	30	21
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	07.09.2022	11.00 AM	14,600	6,598	30	23
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	09.09.2022	11.00 AM	12,000	7,106	30	27
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	10.09.2022	09.00 AM	50,000	24,868	30	27
21.	Static separator	0.50	40.00	40.00	-do-	-do-	10.09.2022	10.00 AM	12,000	9,608	30	25

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 M/C-I	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	02.09.2022	11.00 AM	25,000	11,340	30	22
23.	Packer M/C-II	0.80	33.00	33.00	„	„	02.09.2022	10.00 AM	25,000	11,340	30	17
24.	Packer M/C-III	0.80	33.00	33.00	„	„	02.09.2022	09.00 AM	25,000	12,240	30	22
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	NR	NR	25,000	NR	30	NR
26.	Cement Silo-I	0.40	41.50	41.50	„	„	13.09.2022	10.00 AM	6,000	3,060	30	22
27.	Cement Silo-II	0.40	41.50	41.50	„	„	13.09.2022	11.00 AM	6,000	2,925	30	22

LINE - II

Sr. No	Source	Dia. of chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
28.	Cement silo-III	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	02.09.2022	09.00 AM	6,000	3,060	30	27
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	08.09.2022	09.00 AM	6,50,000	2,39,010	30	24
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	09.09.2022	09.00 AM	4,60,000	3,76,506	30	24
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	13.09.2022	09.00 AM	1,00,000	60,588	30	19
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	09.09.2022	10.00 AM	1,25,000	61,776	30	27

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.	0.23								-do-	
18.	0.13								-do-	
19.	0.16								-do-	
20.	0.58								-do-	
21.	0.21								-do-	
22.	0.22								-do-	
23.	0.16								-do-	
24.	0.23								-do-	
25.	NR								-do-	
26.	0.06								-do-	
27.	0.06								-do-	
28.	0.07								-do-	
29.	5.08	Format No FP – 037 enclosed								-do-
30.	7.86								-do-	
31.	1.03	Format No. FP-037 enclosed.								-do-
32.	1.42								-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: September - 2022

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.	0.17								-do-
35.	-								---
36.	1.40								-do-

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LINE - III

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2026.
 2. Production capacity : Ref. Page 1 of 22 5) Month: September - 2022
 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	Bag House	Bag House	15.09.2022	09.00 AM	9,25,560	3,57,588	30	21
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	16.09.2022	10.00 AM	5,71,428	3,80,894	30	21
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	15.09.2022	10.00 AM	1,75,001	91,620	30	15
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	15.09.2022	11.00 AM	1,00,000	33,818	30	25
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	16.09.2022	09.00 AM	63,000	46,436	30	25

LINE-III

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Format No. FP-036
Month: September - 2022

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	6.43								Process Inter lock
38	7.08								-do-
39	1.15								-do-
40	0.73								-do-
41	1.00								-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 : September - 2022
 3. Raw Materials Consumption : Coal: 0.846 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		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	23.09.2022	11.00 AM	2,08,152	55,440	50	19

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: September - 2022

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	0.92	Format No-FP-037 enclosed							Process Inter lock

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DG SETS

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
43.	Kiln-I 125 KVA DG set	0.108	5.00	8.50	Chimney	Chimney	Not run as there was no power failure		3,786	---	---	---
44.	Kiln-II 125 KVA DG set	0.175	5.00	8.75	Chimney	Chimney	--do--		3,786	---	---	---
45.	Kiln-III 380 KVA DG set	0.136	6.00	11.90	Chimney	Chimney	--do--		3,786	---	---	---
46.	Boiler 42 TPH 250 KVA DG set	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.

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	12.35								Process Inter lock
48	7.48								-do-
49	1.08								-do-
50	0.66								-do-
51	NR								---

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipments 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: September - 2022
 3. Raw Materials Consumption : Coal: 0.829 Kg/Kwh

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
52.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	NR	NR	2,08,152	NR	50	NR

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	NR	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.	Boiler 80 TPH 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: September - 2022

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 : September - 2022
 3. Raw Materials Consumption : Coal: 0.00 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.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	NR	NR	2,81,000	NR	50	NR

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	NR	Format No-FP-037 enclosed							Process Inter lock

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipment's date, Time of tripping/failure, duration, reason for failure and connected details should be reported.

DG SETS (TPP-V)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
55	Boiler 80 TPH 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	08.09.2022	11.00 AM	25,000	11,385	30	24
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	10.09.2022	11.00 AM	25,000	11,747	30	24
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	12.09.2022	10.00 AM	25,000	11,024	30	28
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	12.09.2022	09.00 AM	25,000	11,566	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	0.24								
57	0.25								
58	0.27								
59	0.26								

** 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
 September - 2022

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 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.09.2022 to 02.09.2022	4 & 5	09.10 AM	09.05 AM	58	22	08	10	NW	
2	05.09.2022 to 06.09.2022	1 & 2	09.25 AM	09.20 AM	55	23	06	08	SW	
3	08.09.2022 to 09.09.2022	4 & 5	09.05 AM	09.00 AM	56	20	07	06	S	
4	12.09.2022 to 13.09.2022	1 & 2	09.00 AM	08.55 AM	57	24	06	10	NW	
5	15.09.2022 to 16.09.2022	4 & 5	09.10 AM	09.05 AM	53	22	05	09	W	
6	19.09.2022 to 20.09.2022	1 & 2	09.15 AM	09.10 AM	57	20	06	05	NW	
7	22.09.2022 to 23.09.2022	4 & 5	09.05 AM	09.00 AM	58	22	05	08	W	
8	26.09.2022 to 27.09.2022	1 & 2	09.15 AM	09.10 AM	56	23	07	08	SW	
9	29.09.2022 to 30.09.2022	4 & 3	09.15 AM	09.10 AM	55	22	05	06	NW	
	24 Hourly Averages.				56	22	6.111	7.77		
	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				56	22	6.11	7.77		

NAME OF UNIT

VASAVADATTA CEMENT SEDAM

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LOCATION OF A.A.Q.M STATION.

DAIRY FARM

FORMAT NO FP-036

MONTH

September - 2022

ANNEXURE - V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x		
1	2	3	4		5	6	7	8	9	10
1	01.09.2022 to 02.09.2022	4 & 5	09.10 AM	09.05 AM	56	24	06	08	NW	
2	05.09.2022 to 06.09.2022	1 & 2	09.25 AM	09.20 AM	57	22	08	10	SW	
3	08.09.2022 to 09.09.2022	4 & 5	09.05 AM	09.00 AM	55	24	05	05	S	
4	12.09.2022 to 13.09.2022	1 & 2	09.00 AM	08.55 AM	56	22	06	08	NW	
5	15.09.2022 to 16.09.2022	4 & 5	09.10 AM	09.05 AM	58	23	08	06	W	
6	19.09.2022 to 20.09.2022	1 & 2	09.15 AM	09.10 AM	55	24	07	09	NW	
7	22.09.2022 to 23.09.2022	4 & 5	09.05 AM	09.00 AM	56	22	06	08	W	
8	26.09.2022 to 27.09.2022	1 & 2	09.15 AM	09.10 AM	57	24	05	07	SW	
9	29.09.2022 to 30.09.2022	4 & 3	09.15 AM	09.10 AM	55	23	05	09	NW	
	24 Hourly Average.				56	23	6.22	7.77		
	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				56	23	6.22	7.77		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

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LOCATION OF A.A.Q.M STATION.

MINES SUBSTATION

FORMAT NO FP-036

MONTH

September - 2022

ANNEXURE - V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.09.2022 to 02.09.2022	4 & 5	09.10 AM	09.05 AM	53	24	05	09	NW	
2	05.09.2022 to 06.09.2022	1 & 2	09.25 AM	09.20 AM	59	22	06	08	SW	
3	08.09.2022 to 09.09.2022	4 & 5	09.05 AM	09.00 AM	54	20	08	07	S	
4	12.09.2022 to 13.09.2022	1 & 2	09.00 AM	08.55 AM	53	23	05	09	NW	
5	15.09.2022 to 16.09.2022	4 & 5	09.10 AM	09.05 AM	55	22	06	08	W	
6	19.09.2022 to 20.09.2022	1 & 2	09.15 AM	09.10 AM	57	24	07	06	NW	
7	22.09.2022 to 23.09.2022	4 & 5	09.05 AM	09.00 AM	55	23	05	08	W	
8	26.09.2022 to 27.09.2022	1 & 2	09.15 AM	09.10 AM	57	22	05	06	SW	
9	29.09.2022 to 30.09.2022	4 & 3	09.15 AM	09.10 AM	56	21	05	08	NW	
	24 Hourly Average.				55	22	5.77	7.66		
	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				55	22	5.77	7.66		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

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

POWER PLANT

FORMAT NO FP-036

MONTH

September - 2022

ANNEXURE -V

WEEK NO.

WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _X		
1	2	3	4		5	6	7	8	9	10
1	01.09.2022 to 02.09.2022	4 & 5	09.10 AM	09.05 AM	54	21	06	09	NW	
2	05.09.2022 to 06.09.2022	1 & 2	09.25 AM	09.20 AM	53	20	05	08	SW	
3	08.09.2022 to 09.09.2022	4 & 5	09.05 AM	09.00 AM	55	24	08	07	S	
4	12.09.2022 to 13.09.2022	1 & 2	09.00 AM	08.55 AM	57	23	06	06	NW	
5	15.09.2022 to 16.09.2022	4 & 5	09.10 AM	09.05 AM	53	22	08	08	W	
6	19.09.2022 to 20.09.2022	1 & 2	09.15 AM	09.10 AM	55	21	06	06	NW	
7	22.09.2022 to 23.09.2022	4 & 5	09.05 AM	09.00 AM	57	20	05	07	W	
8	26.09.2022 to 27.09.2022	1 & 2	09.15 AM	09.10 AM	56	22	07	09	SW	
9	29.09.2022 to 30.09.2022	4 & 3	09.15 AM	09.10 AM	55	24	06	08	NW	
	24 Hourly Average.				55	22	6.33	7.55		
	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				55	22	6.33	7.55		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN (Sedam Town)
 September - 2022

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 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _X		
1	2	3	4		5	6	7	8	9	10
1	01.09.2022 to 02.09.2022	4 & 5	09.10 AM	09.05 AM	57	23	06	09	NW	
2	05.09.2022 to 06.09.2022	1 & 2	09.25 AM	09.20 AM	55	20	07	08	SW	
3	08.09.2022 to 09.09.2022	4 & 5	09.05 AM	09.00 AM	53	24	08	06	S	
4	12.09.2022 to 13.09.2022	1 & 2	09.00 AM	08.55 AM	57	20	05	08	NW	
5	15.09.2022 to 16.09.2022	4 & 5	09.10 AM	09.05 AM	53	22	06	07	W	
6	19.09.2022 to 20.09.2022	1 & 2	09.15 AM	09.10 AM	55	24	05	09	NW	
7	22.09.2022 to 23.09.2022	4 & 5	09.05 AM	09.00 AM	56	23	06	08	W	
8	26.09.2022 to 27.09.2022	1 & 2	09.15 AM	09.10 AM	57	20	05	09	SW	
9	29.09.2022 to 30.09.2022	4 & 3	09.15 AM	09.10 AM	52	22	07	06	NW	
	24 Hourly Averages.				55	22	6.11	7.77		
	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				55	22	6.11	7.77		

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		Un-utilized quantity MT /Year		Percentage	Remarks
					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	M/s VC	ARV/ARV S/ 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	34898.2	233005.896	34824.2 + 3610.8	231557.3 + 57339.2	34824.2 + 3610.8	231557.3 + 57339.2	15.2	676.556	99.96% for VC Ash includes Bed ash also.	Apr-22 TO Sep-22		
			38450.2	289573.056									38435	288896.5

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
					Bricks	Cement Industries							
			M/s VC	OUT-SIDE		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	63046.51	3571.85	59827.6 + 7578.50	1163.90 + 702.50	59827.6 + 7578.50	1163.90 + 702.50	640.41	1711.250	VC-99.05% of Pond Ash Utilized. and Out side 52.16%	Apr-22 to Sep-22	
			68046.51	3577.65									67406.1

LINE-1

a.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

b.) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

LINE-II

c.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

d) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

POWER PLANT (TPP # 1)

e) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

POWER PLANT (TPP # 2)

f) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

LINE-III

g) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

h) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

POWER PLANT (TPP # 3)

i) **BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022**

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

LINE-IV

j) a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

POWER PLANT (TPP # 4)

k) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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

POWER PLANT (TPP # 5)

l) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF SEPTEMBER - 2022

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