

Through: Courier Service

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

Date: 06/01/2023

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 **December- 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

1502

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

→ 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 : DECEBER - 2022
 Combined Cement Production Line- I, II, III & IV: 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1226 Total Clinker Production for DECEBER -2022: 4, 50,418.500 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0084 Total Cement Production for DECEBER -2022: 5, 49,085 MT
 Lime stone : Additive : 0.0055 Pet coke Consumption for DECEBER - -2022: 9,702.186MT
 : Gypsum : 0.0312
 : Coal (Fuel) : 0.1420
 : Shale : 0.0005
 : Fly Ash : 0.1440

Sr No.	Source	Dia. of Chimney in meters	Chimney ht in (m)		APC Equipment		Monitoring date	Time	Emission rate m ³ / H		Emission level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	L.S Crusher	0.75	32.0	32.0	Pulse jet bag filter	Pulse jet bag filter	N.R	N.R	42,000	N.R	30	N.R
2.	Raw mill hopper	0.70	28.9	28.9	-do-	-do-	01.12.2022	09.00 AM	17,000	8,731	30	15
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	03.12.2022	09.00 AM	17,300	15,825	30	27
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	02.12.2022	10.00 AM	5,500	4,304	30	21
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	01.12.2022	11.00 AM	6,500	3,880	30	25
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	01.12.2022	10.00 AM	6,500	3,538	30	27
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	03.12.2022	11.00 AM	20,000	6,826	30	22
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	05.12.2022	09.00 AM	10,800	8,760	30	22

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: December - 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	05.12.2022	10.00 AM	15,500	4,941	30	23
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	19.12.2022	09.00 AM	25,000	11,385	30	23
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	19.12.2022	10.00 AM	25,000	13,192	30	21
12.	Clinker cooler venting	3.00	48.0	48.0	With ESP	With ESP	03.12.2022	10.00 AM	3,50,000	1,60,234	30	20
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	02.12.2022	09.00 AM	63,800	35,733	30	27
14.	Raw Mill/Kiln	3.00	80.2	80.2	RABH Bag House	RABH Bag House	02.12.2022	11.00 AM	3,30,000	2,06,161	30	25
15.	Cement Mill	1.50	49.0	49.0	Bag House	Bag House	05.12.2022	11.00 AM	57,000	39,916	30	27

LINE – I

Page 3 of 32
Format No. FP-036
December - 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.	0.12								-do-	
3.	0.37								-do-	
4.	0.08								-do-	
5.	0.08								-do-	
6.	0.08								-do-	
7.	0.13								-do-	
8.	0.17								-do-	
9.	0.10								-do-	
10.	0.23								-do-	
11.	0.24								-do-	
12.	2.83								-do-	
13.	0.85								-do-	
14.	4.39	Format No. FP-037 enclosed.								-do-
15.	0.93	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 - 2022
Raw Materials / Ton of product : Ref. Page 1 of 22

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / Hr		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
16.	Raw mill hopper	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	06.12.2022	10.00 AM	25,000	16,200	30	23
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	07.12.2022	10.00 AM	25,000	11,700	30	26
18.	Kiln feed & weigh bin	0.60	22.47	22.47	-do-	-do-	06.12.2022	11.00 AM	14,600	6,395	30	25
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	08.12.2022	10.00 AM	12,000	8,121	30	19
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	08.12.2022	11.00 AM	50,000	25,151	30	22
21.	Static separator	0.50	40.00	40.00	-do-	-do-	09.12.2022	09.00 AM	12,000	10,173	30	21

LINE - II

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
22.	Packer machine-1	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	20.12.2022	02.30 PM	25,000	11,160	30	25
23.	Packer machine-2	0.80	33.00	33.00	„	„	20.12.2022	03.30 PM	25,000	10,980	30	25
24.	Packer machine-3	0.80	33.00	33.00	„	„	20.12.2022	04.00 PM	25,000	11,700	30	25
25.	Packer machine-4	0.80	33.00	33.00	„	„	NR	NR	25,000	NR	30	NR
26.	Cement Silo-1	0.40	41.50	41.50	„	„	09.12.2022	11.00 AM	6,000	2,745	30	24
27.	Cement Silo-2	0.40	41.50	41.50	„	„	10.12.2022	09.00AM	6,000	2,835	30	27

LINE - II

Sr. No	Source	Dia. of chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
28.	Cement silo-3	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	10.12.2022	10.00 AM	6,000	2,790	30	25
29.	Raw Mill / Kiln	3.50	100.00	100.00	RABH Bag House	RABH Bag House	07.12.2022	09.00 AM	6,50,000	2,11,299	30	23
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	07.12.2022	11.00 AM	4,60,000	3,47,544	30	27
31.	Cement Mill	1.40	52.00	52.00	Bag House	Bag House	09.12.2022	10.00 AM	1,00,000	66,096	30	23
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	08.12.2022	09.00 AM	1,25,000	61,776	30	23

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.	0.33								Process Inter lock	
17.	0.26								-do-	
18.	0.14								-do-	
19.	0.14								-do-	
20.	0.48								-do-	
21.	0.19								-do-	
22.	0.24								-do-	
23.	0.24								-do-	
24.	0.25								-do-	
25.	NR								-do-	
26.	0.06								-do-	
27.	0.07								-do-	
28.	0.06								-do-	
29.	4.21	Format No FP – 037 enclosed								-do-
30.	8.12								-do-	
31.	1.37	Format No. FP-037 enclosed.								-do-
32.	1.23								-do-	

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

THERMAL POWER PLANT

Page 9 of 32
Format No FP-036
Month: December - 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.	0.20								-do-
35.	-								---
36.	NR								-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 - 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	RABH Bag House	RABH Bag House	12.12.2022	09.00 AM	9,25,560	5,10,840	30	22
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	13.12.2022	10.00 AM	5,71,428	3,80,894	30	27
39.	Coal Mill	1.80	52.00	52.00	Pulse jet bag filter	Pulse jet bag filter	12.12.2022	10.00 AM	1,75,001	1,09,944	30	20
40.	Cement Mill	1.40	52.00	52.00	Bag filter	Bag filter	12.12.2022	11.00 AM	1,00,000	34,927	30	25
41.	Crusher (1400 TPH) (Located at Mines)	1.50	32.00	32.00	-do-	-do-	13.12.2022	09.00 AM	63,000	46,436	30	25

LINE-III

Page 11 of 32
Format No. FP-036
Month: December - 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	9.78								Process Inter lock
38	8.82								-do-
39	1.90								-do-
40	0.75								-do-
41	1.01								-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 - 2022
 3. Raw Materials Consumption : Coal: 0.983 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 (CPP-3)	2.45	80	80	ESP	ESP	15.12.2022	10.00 AM	2,08,152	66,528	50	23

TPP-III

THERMAL POWER PLANT

Page 13 of 32
Format No FP-036
Month: December - 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	1.33	Format No-FP-037 enclosed							Process Inter lock

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

DG SETS

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
43.	Kiln-I 125 KVA DG set	0.108	5.00	8.50	Chimney	Chimney	Not run as there was no power failure		3,786	---	---	---
44.	Kiln-II 125 KVA DG set	0.175	5.00	8.75	Chimney	Chimney	--do--		3,786	---	---	---
45.	Kiln-III 380 KVA DG set	0.136	6.00	11.90	Chimney	Chimney	--do--		3,786	---	---	---
46.	250 KVA DG set of 42 TPH Boiler	0.089	5.00	5.00	Chimney	Chimney	--do--		3,786	---	---	---

DG SETS

Sl No	Dust Load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
43	----								----
44	----								----
45	----								----
46	----								----

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

LINE - IV

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 - 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
47.	Raw mill / Kiln	4.25	70.00	70.00	RABH Bag House	RABH Bag House	14.12.2022	09.00 AM	9,25,560	6,13,008	30	23
48	Cooler	3.35	48.00	50.00	ESP	ESP	15.12.2022	09.00 AM	5,71,428	3,80,894	30	23
49	Coal Mill	1.80	50.00	52.00	Bag filter	Bag filter	14.12.2022	10.00 AM	1,75,000	91,620	30	25
50	Cement Mill-1	1.40	52.00	52.00	-do-	-do-	14.12.2022	11.00 AM	1,00,000	34,927	30	19
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	12.32								Process Inter lock
48	7.74								-do-
49	2.00								-do-
50	0.59								-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: December - 2022
 3. Raw Materials Consumption : Coal: 0.981 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.	Boiler 80 TPH (CPP-4)	2.45	80	80	ESP	ESP	15.12.2022	11.00 AM	2,08,152	1,00,167	50	19

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	1.70	Format No-FP-037 enclosed							Process Inter lock

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

DG SETS (TPP-IV)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
53.	380 KVA DG set	0.136	5.20	5.20	Chimney	Chimney	Not run as there was no power failure		3786	---	---	---

DG SETS (TPP-IV)

Page 21 of 32
Format No. FP – 036
Month: December - 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 : December - 2022
 3. Raw Materials Consumption : Coal: 0.970 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m).	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / H		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
54.	Boiler 80 TPH (CPP-5)18 MW	2.45	80	80	ESP	ESP	13.12.2022	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	4.83	Format No-FP-037 enclosed							Process Inter lock

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

DG SETS (TPP-V)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
55	380 KVA DG set	0.136	5.20	5.20	Chimney	Chimney	Not run as there was no power failure		3786	---	---	---
Unit-III and Unit-IV Packers												
56	Unit-III Packing Plant-1	0.80	37.8	37.8	Pulse Jet bag filter	Pulse Jet bag filter	17.12.2022	02.30 PM	25,000	11,385	30	24
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	17.12.2022	03.30 PM	25,000	11,385	30	22
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	24.12.2022	09.00 AM	25,000	11,205	30	24
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	24.12.2022	10.00 AM	25,000	11,205	30	20

DG SETS (TPP-V)

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
55	----								---

Unit-III and Unit-IV Packers

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
56	0.25								
57	0.22								
58	0.23								
59	0.19								

** 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 - 2022

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 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	01.12.2022 to 02.12.2022	4 & 5	09.10 AM	09.05 AM	82	48	12	13	SE	
2	05.12.2022 to 06.12.2022	1 & 2	09.25 AM	09.20 AM	80	47	13	11	SE	
3	08.12.2022 to 09.12.2022	4 & 5	09.05 AM	09.00 AM	83	52	12	11	SW	
4	12.12.2022 to 13.12.2022	1 & 2	09.00 AM	08.55 AM	82	50	14	13	SE	
5	15.12.2022 to 16.12.2022	4 & 5	09.10 AM	09.05 AM	84	51	13	12	NW	
6	19.12.2022 to 20.12.2022	1 & 2	09.15 AM	09.10 AM	80	48	12	13	NW	
7	22.12.2022 to 23.12.2022	4 & 5	09.05 AM	09.00 AM	83	50	12	10	SE	
8	26.12.2022 to 27.12.2022	1 & 2	09.15 AM	09.10 AM	80	49	11	12	SE	
9	29.12.2022 to 30.12.2022	4 & 5	09.05 AM	09.00 AM	78	48	14	11	SE	
	24 Hourly Averages.				81	49	12.55	11.77		
	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				81	49	12.55	11.77		

NAME OF UNIT

VASAVADATTA CEMENT SEDAM

PAGE
NO 27 of 32

LOCATION OF A.A.Q.M STATION.

DAIRY FARM

FORMAT NO FP-036

MONTH

December - 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	01.12.2022 to 02.12.2022	4 & 5	09.10 AM	09.05 AM	80	52	12	11	SE	
2	05.12.2022 to 06.12.2022	1 & 2	09.25 AM	09.20 AM	82	50	14	10	SE	
3	08.12.2022 to 09.12.2022	4 & 5	09.05 AM	09.00 AM	80	48	13	12	SW	
4	12.12.2022 to 13.12.2022	1 & 2	09.00 AM	08.55 AM	82	52	12	10	SE	
5	15.12.2022 to 16.12.2022	4 & 5	09.10 AM	09.05 AM	82	50	10	12	NW	
6	19.12.2022 to 20.12.2022	1 & 2	09.15 AM	09.10 AM	78	53	10	12	NW	
7	22.12.2022 to 23.12.2022	4 & 5	09.05 AM	09.00 AM	82	52	13	10	SE	
8	26.12.2022 to 27.12.2022	1 & 2	09.15 AM	09.10 AM	84	51	10	10	SE	
9	29.12.2022 to 30.12.2022	4 & 5	09.05 AM	09.00 AM	80	52	12	10	SE	
	24 Hourly Average.				81	51	11.78	10.78		
	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				81	51	11.78	10.78		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

PAGE NO 28 of 32

LOCATION OF A.A.Q.M STATION.

MINES SUBSTATION

FORMAT NO FP-036

MONTH

December - 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	01.12.2022 to 02.12.2022	4 & 5	09.10 AM	09.05 AM	84	51	10	12	SE	
2	05.12.2022 to 06.12.2022	1 & 2	09.25 AM	09.20 AM	83	54	13	10	SE	
3	08.12.2022 to 09.12.2022	4 & 5	09.05 AM	09.00 AM	82	52	12	13	SW	
4	12.12.2022 to 13.12.2022	1 & 2	09.00 AM	08.55 AM	83	52	13	12	SE	
5	15.12.2022 to 16.12.2022	4 & 5	09.10 AM	09.05 AM	80	48	10	12	NW	
6	19.12.2022 to 20.12.2022	1 & 2	09.15 AM	09.10 AM	83	52	12	11	NW	
7	22.12.2022 to 23.12.2022	4 & 5	09.05 AM	09.00 AM	85	52	12	13	SE	
8	26.12.2022 to 27.12.2022	1 & 2	09.15 AM	09.10 AM	83	50	12	11	SE	
9	29.12.2022 to 30.12.2022	4 & 5	09.05 AM	09.00 AM	80	52	11	12	SE	
	24 Hourly Average.				83	51	11.66	11.77		
	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				83	51	11.66	11.77		

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

PAGE NO 29 of 32

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

POWER PLANT

FORMAT NO FP-036

MONTH

December - 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	01.12.2022 to 02.12.2022	4 & 5	09.10 AM	09.05 AM	78	53	12	10	SE	
2	05.12.2022 to 06.12.2022	1 & 2	09.25 AM	09.20 AM	82	52	14	12	SE	
3	08.12.2022 to 09.12.2022	4 & 5	09.05 AM	09.00 AM	80	50	10	12	SW	
4	12.12.2022 to 13.12.2022	1 & 2	09.00 AM	08.55 AM	83	52	10	12	SE	
5	15.12.2022 to 16.12.2022	4 & 5	09.10 AM	09.05 AM	82	53	12	13	NW	
6	19.12.2022 to 20.12.2022	1 & 2	09.15 AM	09.10 AM	81	51	13	11	NW	
7	22.12.2022 to 23.12.2022	4 & 5	09.05 AM	09.00 AM	83	50	10	11	SE	
8	26.12.2022 to 27.12.2022	1 & 2	09.15 AM	09.10 AM	82	52	13	11	SE	
9	29.12.2022 to 30.12.2022	4 & 5	09.05 AM	09.00 AM	83	50	12	10	SE	
	24 Hourly Average.				82	51	11.77	11.33		
	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				82	51	11.77	11.33		

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

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

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 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	01.12.2022 to 02.12.2022	4 & 5	09.10 AM	09.05 AM	81	50	13	10	SE	
2	05.12.2022 to 06.12.2022	1 & 2	09.25 AM	09.20 AM	80	48	10	12	SE	
3	08.12.2022 to 09.12.2022	4 & 5	09.05 AM	09.00 AM	78	47	11	10	SW	
4	12.12.2022 to 13.12.2022	1 & 2	09.00 AM	08.55 AM	80	50	10	12	SE	
5	15.12.2022 to 16.12.2022	4 & 5	09.10 AM	09.05 AM	80	48	10	11	NW	
6	19.12.2022 to 20.12.2022	1 & 2	09.15 AM	09.10 AM	78	52	10	13	NW	
7	22.12.2022 to 23.12.2022	4 & 5	09.05 AM	09.00 AM	80	50	13	12	SE	
8	26.12.2022 to 27.12.2022	1 & 2	09.15 AM	09.10 AM	78	49	14	12	SE	
9	29.12.2022 to 30.12.2022	4 & 5	09.05 AM	09.00 AM	76	48	12	11	SE	
	24 Hourly Averages.				79	49	11.44	11.44		
	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				79	49	11.44	11.44		

FLY ASH UTILIZATION PROFORMA

Page No: 31 of 32

Format No: FP-036
December - 2022

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	52205.2 + 9711	398742.41 + 65247.800	52079 + 9729.500	397421.9 + 62693	52079 + 9729.500	397421.9 + 62693	107.700	3875.31	99.82% for VC Ash includes Bed ash also.	Apr-22 TO Dec-22		
			61916.2	463990.21	61808.5	460114.9	61808.5	460114.9						

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							M/s VC
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	88046.51	3577.65		84107.45	3577.65	Others	84107.45	3577.65	3875.316	0.00	VC-97.55% of Pond Ash Utilized. and Out side NIL	Apr-22 to Dec-22
			+	+		+	+		+	+				
			5000.00	0.00		6664.500	0.00		6664.500	0.00				
			93046.51	3577.65		90771.95	3577.65		90771.95	3577.65				

LINE-1

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

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

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

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

LINE-II

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

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

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

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

POWER PLANT (TPP # 1)

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

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

POWER PLANT (TPP # 2)

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

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

LINE-III

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

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

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

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

POWER PLANT (TPP # 3)

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

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

--- NIL---

LINE-IV

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

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

--- NIL---

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

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

--- NIL---

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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