



Trusted Technology - Solid Strength

Through: Courier Service

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

Date: 06/09/2022

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 **August- 2022**.

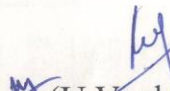
Kiln-I was stopped from 10.07.2022 to 06.08.2022 and started from 07.08.2022.

Kiln-II Stopped from 22.07.2022 to 27.07.2022 and started from 28.07.2022

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

656

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 : AUGUST - 2022
 Combined Cement Production Line- I, II, III & IV: 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1025 Total Clinker Production for AUGUST -2022: 3, 67,472 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.0129 Total Cement Production for AUGUST -2022: 4, 03,830 MT
 Lime stone : Fly Ash : 0.1475 Pet coke Consumption for AUGUST -2022: 12,976.3390 MT
 : Additive : 0.0883
 : Gypsum : 0.0350
 : Coal (Fuel) : 0.1231
 : 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-	08.08.2022	09.00 AM	17,000	8,454	30	18
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	10.08.2022	09.00 AM	17,300	14,695	30	17
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	09.08.2022	10.00 AM	5,500	4,445	30	20
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	08.08.2022	11.00 AM	6,500	3,739	30	19
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	08.08.2022	10.00 AM	6,500	3,538	30	22
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	10.08.2022	11.00 AM	20,000	6,826	30	22
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	12.08.2022	09.00 AM	10,800	9,891	30	17

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: August - 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	12.08.2022	10.00 AM	15,500	5,103	30	20
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	19.08.2022	09.00 AM	25,000	11,747	30	27
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	19.08.2022	11.00 AM	25,000	13,554	30	21
12.	Clinker Cooler	3.00	48.0	48.0	ESP	ESP	10.08.2022	10.00 AM	3,50,000	1,60,234	30	15
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	09.08.2022	09.00 AM	63,800	38,076	30	24
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	09.08.2022	11.00 AM	3,30,000	2,18,887	30	24
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	12.08.2022	11.00 AM	57,000	39,916	30	24

LINE – I

Sl No	Dust Load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during Failure.	Total dust in Kg / month during Failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
1.	N.R								Process Inter lock
2.	0.13								-do-
3.	0.21								-do-
4.	0.08								-do-
5.	0.06								-do-
6.	0.07								-do-
7.	0.13								-do-
8.	0.14								-do-
9.	0.09								-do-
10.	0.27								-do-
11.	0.25								-do-
12.	2.10								-do-
13.	0.79								-do-
14.	4.44	Format No. FP-037 enclosed.							-do-
15.	0.83	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 : August - 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	01.08.2022	10.00 AM	25,000	13,140	30	22
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	02.08.2022	10.00 AM	25,000	12,060	30	23
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	01.08.2022	11.00 AM	14,600	6,497	30	24
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	03.08.2022	10.00 AM	12,000	9,136	30	24
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	03.08.2022	11.00 AM	50,000	24,021	30	22
21.	Static separator	0.50	40.00	40.00	-do-	-do-	04.08.2022	09.00 AM	12,000	10,173	30	27

LINE - II

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Format No. FP-036
Month: August - 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
22.	Packer M/C-I	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	19.08.2022	02.30 PM	25,000	10,980	30	23
23.	Packer M/C-II	0.80	33.00	33.00	„	„	29.08.2022	03.00 PM	25,000	10,980	30	27
24.	Packer M/C-III	0.80	33.00	33.00	„	„	20.08.2022	10.00 AM	25,000	11,700	30	15
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	„	„	04.08.2022	11.00 AM	6,000	2,925	30	15
27.	Cement Silo-II	0.40	41.50	41.50	„	„	05.08.2022	09.00 AM	6,000	2,835	30	18

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	05.08.2022	10.00 AM	6,000	2,925	30	19
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	02.08.2022	09.00 AM	6,50,000	2,25,154	30	18
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	02.08.2022	11.00 AM	4,60,000	3,18,582	30	19
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	04.08.2022	10.00 AM	1,00,000	66,096	30	24
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	03.08.2022	09.00 AM	1,25,000	52,272	30	19

LINE-II

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Format No. FP – 036
Month: August - 2022

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.	0.26								Process Inter lock	
17.	0.25								-do-	
18.	0.14								-do-	
19.	0.19								-do-	
20.	0.46								-do-	
21.	0.23								-do-	
22.	0.22								-do-	
23.	0.29								-do-	
24.	0.16								-do-	
25.	NR								-do-	
26.	0.04								-do-	
27.	0.04								-do-	
28.	0.05								-do-	
29.	3.55	Format No FP – 037 enclosed								-do-
30.	5.35								-do-	
31.	1.39	Format No. FP-037 enclosed.								-do-
32.	0.89								-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 | : VASAVADATTA CEMENT – SEDAM | 4) Validity of Consent: 30.06.2026. |
| 2. Production Capacity of Power Plant in MW | : TPP # 1, 15.7 (Peak capacity 16.2) | 5) Month : August - 2022 |
| 3. Raw Materials Consumption | : Coal: 0.00 Kg/Kwh | |
| | TPP # 2, 9.5 MW, 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
33.	Boiler 70 TPH	1.85	75	75	ESP	ESP	NR	NR	1,40,508	NR	50	NR
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	01.08.2022	09.00 AM	20,000	7,200	50	26
35.	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	Not running				--	
36.	Boiler 42 TPH	1.90	65	65	ESP	ESP	NR	NR	91,919	NR	50	NR

THERMAL POWER PLANT

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Format No FP-036
Month: August - 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.	0.16								-do-
35.	-								---
36.	NR								-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: August - 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	13.08.2022	09.00 AM	9,25,560	4,08,672	30	24
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	16.08.2022	10.00 AM	5,71,428	3,17,412	30	17
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	13.08.2022	10.00 AM	1,75,001	1,00,782	30	23
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	13.08.2022	11.00 AM	1,00,000	34,927	30	20
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	16.08.2022	09.00 AM	63,000	47,709	30	27

LINE-III

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Format No. FP-036
Month: August - 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	8.45								Process Inter lock
38	4.58								-do-
39	2.03								-do-
40	0.62								-do-
41	1.11								-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 : August - 2022
 3. Raw Materials Consumption : Coal: 0.988 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	06.08.2022	11.00 AM	2,08,152	60,984	50	21

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: August - 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	1.13	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.	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

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 : August - 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	Bag House	Bag House	17.08.2022	09.00 AM	9,25,560	5,10,840	30	24
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	18.08.2022	10.00 AM	5,71,428	3,49,153	30	22
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	17.08.2022	10.00 AM	1,75,000	82,458	30	17
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	17.08.2022	11.00 AM	1,00,000	33,818	30	18
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	10.79								Process Inter lock
48	6.64								-do-
49	1.20								-do-
50	0.53								-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: August - 2022
 3. Raw Materials Consumption : Coal: 0.975 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	23.08.2022	10.00 AM	2,08,152	93,376	50	23

TPP-IV

THERMAL POWER PLANT

Sl. No	Dust load Kg / H	Failure of Equipment's		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
52	1.88	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: August - 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 : August - 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	24.08.2022	11.00 AM	25,000	11,023	30	20
57	Unit-III Packing Plant-2	0.80	37.8	37.8	-do-	-do-	24.08.2022	09.30 AM	25,000	12,108	30	28
58	Unit-IV Packing Plant-1	0.80	38.8	38.8	-do-	-do-	24.08.2022	3.00 PM	25,000	11,385	30	26
59	Unit-IV Packing Plant-2	0.80	38.8	38.8	-do-	-do-	22.08.2022	03.00 PM	25,000	11,205	30	26

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	0.19								
57	0.29								
58	0.26								
59	0.25								

** 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
 August - 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	01.08.2022 to 02.08.2022	1 & 2	09.10 AM	09.05 AM	62	27	08	10	W	
2	05.08.2022 to 06.08.2022	5 & 6	09.25 AM	09.20 AM	61	26	10	09	SW	
3	08.08.2022 to 09.08.2022	1 & 2	09.05 AM	09.00 AM	62	23	08	11	W	
4	12.08.2022 to 13.08.2022	5 & 6	09.00 AM	08.55 AM	63	22	09	10	W	
5	15.08.2022 to 16.08.2022	1 & 2	09.10 AM	09.05 AM	62	24	09	08	NW	
6	19.08.2022 to 20.08.2022	5 & 6	09.15 AM	09.10 AM	63	24	10	09	W	
7	22.08.2022 to 23.08.2022	1 & 2	09.05 AM	09.00 AM	64	22	09	10	W	
8	26.08.2022 to 27.08.2022	5 & 6	09.15 AM	09.10 AM	61	26	11	08	SW	
9	29.08.2022 to 30.08.2022	1 & 2	09.15 AM	09.10 AM	62	24	10	08	S	
	24 Hourly Averages.				62	24	9.33	9.22		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 August - 2022

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 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

SL.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	01.08.2022 to 02.08.2022	1 & 2	-	-	-	-	-	-	W	
2	05.08.2022 to 06.08.2022	5 & 6	-	-	-	-	-	-	SW	
3	08.08.2022 to 09.08.2022	1 & 2	-	-	-	-	-	-	W	
4	12.08.2022 to 13.08.2022	5 & 6	-	-	-	-	-	-	W	
5	15.08.2022 to 16.08.2022	1 & 2	9.40 AM	09.35 AM	63	24	10	08	NW	
6	19.08.2022 to 20.08.2022	5 & 6	-	-	-	-	-	-	W	
7	22.08.2022 to 23.08.2022	1 & 2	-	-	-	-	-	-	W	
8	26.08.2022 to 27.08.2022	5 & 6	-	-	-	-	-	-	SW	
	29.08.2022 to 30.08.2022	1 & 2							S	
	24 Hourly Average.				63	24	10	08		

NAME OF UNIT

VASAVADATTA CEMENT SEDAM

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LOCATION OF A.A.Q.M STATION.

DAIRY FARM

FORMAT NO FP-036

MONTH

August - 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	01.08.2022 to 02.08.2022	1 & 2	09.10 AM	09.05 AM	64	26	09	08	W	
2	05.08.2022 to 06.08.2022	5 & 6	09.35 AM	09.30 AM	62	22	08	10	SW	
3	08.08.2022 to 09.08.2022	1 & 2	09.20 AM	09.15 AM	66	24	09	10	W	
4	12.08.2022 to 13.08.2022	5 & 6	09.25 AM	09.20 AM	64	25	09	08	W	
5	15.08.2022 to 16.08.2022	1 & 2	09.50 AM	09.45 AM	63	26	09	11	NW	
6	19.08.2022 to 20.08.2022	5 & 6	09.35 AM	09.30 AM	62	23	08	09	W	
7	22.08.2022 to 23.08.2022	1 & 2	09.40 AM	09.35 AM	62	26	09	10	W	
8	26.08.2022 to 27.08.2022	5 & 6	09.35 AM	09.30 AM	63	24	09	08	SW	
9	29.08.2022 to 30.08.2022	1 & 2	09.35 AM	09.30 AM	60	26	09	11	S	
	24 Hourly Average.				63	25	8.77	9.44		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 August - 2022

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 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.08.2022 to 02.08.2022	1 & 2	10.05 AM	10.00 AM	62	21	10	08	W	
2	05.08.2022 to 06.08.2022	5 & 6	10.25 AM	10.20 AM	64	23	10	09	SW	
3	08.08.2022 to 09.08.2022	1 & 2	10.00 AM	9.55 AM	62	26	09	11	W	
4	12.08.2022 to 13.08.2022	5 & 6	10.05 AM	10.00 AM	61	22	10	09	W	
5	15.08.2022 to 16.08.2022	1 & 2	10.20 AM	10.15 AM	65	24	08	09	NW	
6	19.08.2022 to 20.08.2022	5 & 6	10.05 AM	10.00 AM	62	27	10	08	W	
7	22.08.2022 to 23.08.2022	1 & 2	10.20 AM	10.15 AM	61	22	10	09	W	
8	26.08.2022 to 27.08.2022	5 & 6	10.20 AM	10.15 AM	61	24	10	08	SW	
9	29.08.2022 to 30.08.2022	1 & 2	10.20 AM	10.15 AM	64	27	08	10	S	
	24 Hourly Average.				62	24	9.44	9.0		

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

VASAVADATTA CEMENT, SEDAM
 POWER PLANT
 August - 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	01.08.2022 to 02.08.2022	1 & 2	10.35 AM	10.30 AM	63	27	09	08	W	
2	05.08.2022 to 06.08.2022	5 & 6	10.25 AM	10.20 AM	67	24	08	09	SW	
3	08.08.2022 to 09.08.2022	1 & 2	10.15 AM	10.10 AM	61	21	09	10	W	
4	12.08.2022 to 13.08.2022	5 & 6	10.35 AM	10.30 AM	63	24	10	11	W	
5	15.08.2022 to 16.08.2022	1 & 2	10.50 AM	10.45 AM	61	24	10	08	NW	
6	19.08.2022 to 20.08.2022	5 & 6	10.25 AM	10.20 AM	64	26	08	09	W	
7	22.08.2022 to 23.08.2022	1 & 2	10.50 AM	10.45 AM	63	23	11	09	W	
8	26.08.2022 to 27.08.2022	5 & 6	10.25 AM	10.20 AM	62	24	09	11	SW	
9	29.08.2022 to 30.08.2022	1 & 2	10.25 AM	10.20 AM	62	26	09	08	S	
	24 Hourly Average.				63	24	9.22	9.22		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 August - 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	01.08.2022 to 02.08.2022	1 & 2	11.05 AM	11.00 AM	62	24	10	11	W	
2	05.08.2022 to 06.08.2022	5 & 6	11.00 AM	10.55 AM	62	21	10	08	SW	
3	08.08.2022 to 09.08.2022	1 & 2	11.00 AM	10.55 AM	63	24	08	09	W	
4	12.08.2022 to 13.08.2022	5 & 6	11.35 AM	11.30 AM	63	26	10	09	W	
5	15.08.2022 to 16.08.2022	1 & 2	11.30 AM	11.25 AM	63	24	11	09	NW	
6	19.08.2022 to 20.08.2022	5 & 6	11.25 AM	11.20 AM	61	27	10	09	W	
7	22.08.2022 to 23.08.2022	1 & 2	11.20 AM	11.15 AM	64	28	08	09	W	
8	26.08.2022 to 27.08.2022	5 & 6	11.35 AM	11.30 AM	62	23	09	08	SW	
9	29.08.2022 to 30.08.2022	1 & 2	11.35 AM	11.30 AM	63	25	10	11	S	
	24 Hourly Average.				63	25	9.55	9.22		

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		
			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	28188.2 + 6710	189834.436 + 43171.460	28166.2 + 6658.00	186654.3 + 44903	28166.2 + 6658.00	186654.3 + 44903	74.00	1448.596	99.78% for VC Ash includes Bed ash also.	Apr-22 TO Aug-22		
			34898.2	233005.896	34824.2	231557.3	34824.2	231557.3						

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	58046.51	0	52974.5	0	52974.5	0	3218.910	2407.95	VC-94.89% of Pond Ash Utilized. and Out side 0%	Apr-22 to Aug-22	
			+ 5000.00	+ 3571.85		+ 6853.10		+ 1163.90					+ 6853.10
			63046.51	3571.85	59827.6	1163.90	59827.6	1163.90					

LINE-1

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

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

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

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

LINE-II

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

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

---NIL---

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

POWER PLANT (TPP # 2)

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

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

LINE-III

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

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

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

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

POWER PLANT (TPP # 3)

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

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

--- NIL---

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

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

--- NIL---

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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