



Trusted Technology - Solid Strength

285

KESORAM

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Through: Courier Service

Ref: VC: WS: ENV: 2019-20: A

Date: 13/07/2019

To  
The Environment officer,  
Karnataka State Pollution Control Board,  
#101, F-Block, Green Park, KHB,  
Near Chor Gumbaz,  
Ring road, Kalaburagi - 585 105.

Respected Sir,


Please find the enclosed report of stack monitoring data; Kiln; Cement mill & Boiler ESP/Bag house/ Bag filter Stoppages/tripping hours; Ambient Air Quality report and Fly ash utilization report in the prescribed proforma for the month June-2019.

Kiln-I was stopped from 13.05.2019 to 21.06.2019 and started from 22.06.2019

Kiln-III Was stopped from 27.06.2019

TPP-II was started from 22.04.2019 to 10.05.2019 and stopped from 11.05.2019

Yours faithfully,  
For Vasavadatta Cement,  
For Kesoram Inds., Ltd.,  
CIN of KIL- L17119WB1919PLC003429

  
(G.Srinivasa Reddy)  
Plant Head

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

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Corporate Office :  
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Kesoram Industries Limited  
Cement Division  
Unit : Vasavadatta Cement, Works : Post. Sedam - 585 222.  
Tq. Sedam, Dist. Kalaburagi, Karnataka  
Hyderabad Office : No. 613 to 616, White House, Block-III, VI Floor, 6-3-1192/1/1,  
Kundanbagh, Begumpet, Hyderabad - 500 016. Telangana, India.  
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: 30.06.2021.  
 2) Combined Clinker Capacity of Line- I, II, III & IV: 6.0 MTPA 5) Month : June -2019  
 Combined Cement Production Line- I, II, III & IV: 9.0 MTPA  
 3) Raw Materials / Ton of product : Lime Stone : 1.144 Total Clinker Production for June -2019 : 3, 78,072 MT  
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.029 Total Cement Production for June -2019 : 4, 27,320 MT  
 Lime stone : Additive : 0.07446 Petcoke consumption for June -2019 : 5,935.682 MT  
 : Gypsum : 0.0300  
 : Coal (Fuel) : 0.01235  
 : Shale : 0.000  
 : Fly Ash : 0.117

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-	22.06.2019	09.10 AM	17,000	11,226	30	22
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	25.06.2019	09.20 AM	18,300	16,645	30	20
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	24.06.2019	10.30 AM	5,500	5,009	30	19
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	22.06.2019	11.10 AM	6,500	5,644	30	19
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	22.06.2019	10.15 AM	6,500	4,548	30	22
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	25.06.2019	11.10 AM	20,000	8,668	30	24
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	26.06.2019	09.05 AM	10,800	8,817	30	21

**LINE - I**

Pages 2 of 32  
Format No. FP - 036  
Month: June -2019

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>	
			Stipu`-lated	Provided	Stipulated	Provided			Stipu-Lated	Provided	Stipu-Lated	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	26.06.2019	10.10 AM	15,500	8,100	30	21
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	20.06.2019	02.30 PM	25,000	16,554	30	25
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	20.06.2019	03.40 PM	25,000	17,005	30	20
12.	Clinker Cooler	3.00	48.0	48.0	ESP	ESP	25.06.2019	10.05 AM	3,50,000	1,90,755	30	21
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	24.06.2019	09.30 AM	63,800	42,059	30	24
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	24.06.2019	11.05 AM	3,30,000	2,54,520	30	19
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	26.06.2019	11.00 AM	57,000	50,561	30	22

**LINE – I**

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Format No. FP-036  
Month: June -2019

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
1.	N.R								Process Inter lock
2.	0.22								-do-
3.	0.29								-do-
4.	0.08								-do-
5.	0.10								-do-
6.	0.08								-do-
7.	0.18								-do-
8.	0.16								-do-
9.	0.15								-do-
10.	0.37								-do-
11.	0.31								-do-
12.	2.38								-do-
13.	0.86								-do-
14.	4.06	Format No. FP-037 enclosed.							-do-
15.	0.96	Format No. FP-037 enclosed.							-do-

\*\* 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.

**LINE - II**

- |                                   |                              |                                     |
|-----------------------------------|------------------------------|-------------------------------------|
| 1. Name of the Unit               | : VASAVADATTA CEMENT – SEDAM | 4) Validity of Consent: 30.06.2021. |
| 2. Production capacity            | : Ref. Page 1 of 22          | 5) Month : June -2019               |
| 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> / 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 & weigh feeders	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	10.06.2019	10.15 AM	25,000	14,202	30	22
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	11.06.2019	10.20 AM	20,000	12,759	30	20
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	10.06.2019	11.00 AM	14,600	8,223	30	24
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	12.06.2019	10.10 AM	12,000	5,729	30	26
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	12.06.2019	11.05 AM	50,000	23,257	30	24
21.	Static separator	0.50	40.00	40.00	-do-	-do-	13.06.2019	09.05 AM	12,000	5,715	30	23

**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 M/C-I	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	21.06.2019	02.30 PM	25,000	12,978	30	20
23.	Packer M/C-II	0.80	33.00	33.00	„	„	21.06.2019	03.40 PM	25,000	16,578	30	21
24.	Packer M/C-III	0.80	33.00	33.00	„	„	27.06.2019	03.00 PM	25,000	15,696	30	20
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	27.06.2019	04.10 PM	25,000	14,616	30	22
26.	Cement Silo-I	0.40	41.50	41.50	„	„	13.06.2019	11.10 AM	6,000	3,339	30	25
27.	Cement Silo-II	0.40	41.50	41.50	„	„	14.06.2019	09.30 AM	3,960	3,703	30	24

**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-III	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	14.06.2019	10.40 AM	6,000	4,050	30	24
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	11.06.2019	09.40 AM	6,50,000	2,46,977	30	19
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	11.06.2019	11.10 AM	4,60,000	2,89,620	30	25
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	13.06.2019	10.15 AM	1,00,000	49,572	30	26
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	12.06.2019	09.05 AM	1,25,000	38,016	30	23

**LINE-II**

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Format No. FP – 036  
Month June -2019

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.	0.28								Process Inter lock	
17.	0.23								-do-	
18.	0.18								-do-	
19.	0.13								-do-	
20.	0.48								-do-	
21.	0.11								-do-	
22.	0.23								-do-	
23.	0.30								-do-	
24.	0.28								-do-	
25.	0.29								-do-	
26.	0.07								-do-	
27.	0.08								-do-	
28.	0.08								-do-	
29.	3.70	Format No FP – 037 enclosed								-do-
30.	4.52								-do-	
31.	1.12	Format No. FP-037 enclosed.								-do-
32.	0.76								-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: 30.06.2021. |
| 2. Production Capacity of Power Plant in MW | : TPP # 1, 15.7 (Peak capacity 16.2)                    | 5) Month : June -2019               |
| 3. Raw Materials Consumption                | : Coal: 0.0 Kg/Kwh<br>TPP # 2, 9.5 MW, Coal: 0.0 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
33.	Boiler 70 TPH	1.85	75	75	ESP	ESP	NR	NR	NR	NR	NR	NR
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	10.06.2019	09.00 AM	20,000	5,860	50	25
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	NR	NR	NR	NR

**THERMAL POWER PLANT**

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Format No FP-036  
Month: June -2019

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.	0.12								-do-
35.	-								---
36.	NR								-do-

\*\* 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.

**LINE - III**

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2021.  
 2. Production capacity : Ref. Page 1 of 22 5) Month: June -2019  
 3. Raw Materials / Ton of product : Ref. Page 1 of 22

Sl. No	Source	Dia. of Chimney in m	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
37.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	17.06.2019	09.20 AM	9,25,560	5,10,840	30	17
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	18.06.2019	10.20 AM	5,71,428	2,61,230	30	25
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	17.06.2019	10.05 AM	1,75,000	1,19,106	30	21
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	17.06.2019	11.10 AM	1,00,000	49,896	30	22
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	18.06.2019	09.30 AM	63,000	52,479	30	26

**LINE-III**

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Format No. FP-036  
Month June -2019

Sl No	Dust load Kg / H	Failure of Equipments		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	6.26								Process Inter lock
38	3.83								-do-
39	2.08								-do-
40	0.94								-do-
41	1.19								-do-

\*\* 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-III

- |   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
| 1. Name of the Unit                         | : <b>VASAVADATTA CEMENT – SEDAM</b> | 4) Validity of Consent: 30.06.2021. |
| 2. Production Capacity of Power Plant in MW | : TPP # 3, 18 MW                    | 5) Month : June -2019               |
| 3. Raw Materials Consumption                | : Coal: 0.768 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	2.45	80	80	ESP	ESP	24.06.2019	11.00 AM	2,08,152	1,57,042	50	36

## TPP-III

### THERMAL POWER PLANT

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Format No FP-036  
Month June -2019

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	4.37	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 equipments 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.	Boiler 42 TPH 250 KVA DG set	0.089	5.00	5.00	Chimney	Chimney	--do--		3,786	---	---	---

## DG SETS

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Format No. FP – 036  
Month June -2019

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 equipments 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: 30.06.2021.  
 2. Production capacity : Ref. Page 1 of 22 5) Month : June -2019  
 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	
47.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	19.06.2019	09.15 AM	9,25,560	8,68,428	30	18
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	20.06.2019	09.00 AM	5,71,428	3,17,412	30	23
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	19.06.2019	10.05 AM	1,75,000	1,09,944	30	26
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	19.06.2019	11.10 AM	1,00,000	55,440	30	25
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	10.98								Process Inter lock
48	4.12								-do-
49	2.41								-do-
50	1.20								-do-
51	N.R								---

\*\* 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: 30.06.2021.  
 2. Production Capacity of Power Plant in MW : TPP # 4, 18 MW 5) Month June -2019  
 3. Raw Materials Consumption : Coal: 0.768 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.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	25.06.2019	09.30 AM	2,81,000	1,52,798	50	28

## 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	3.39	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 equipments 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.	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)**

Page 21 of 32  
Format No. FP – 036  
Month June -2019

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 equipments 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: 30.06.2021.  
 2. Production Capacity of Power Plant in MW : TPP # 5,      18 MW      5) Month: June -2019  
 3. Raw Materials Consumption : Coal: 0.768 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
52.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	25.06.2019	10.30 AM	2,81,000	1,69,776	50	34

## TPP-V

### THERMAL POWER PLANT

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
52	4.44	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 equipments date, time of tripping/failure, duration, reason for failure and connected details should be reported.



**DG SETS (TPP-V)**

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		Emission Level mg / Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
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-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
53	----								---

\*\* 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  
 JUNE-2019

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>	DIRECTI ON	
1	2	3	4		5	6	7	8	9	10
1	03.06.2019 to 04.06.2019	1 & 2	09.00 AM	08.55 AM	70	28	16.23	13.10	W	
2	07.06.2019 to 08.06.2019	5 & 6	09.05 AM	09.00 AM	63	25	12.11	16.42	W	
3	10.06.2019 to 11.06.2019	1 & 2	09.10 AM	09.05 AM	61	22	10.42	15.14	W	
4	14.06.2019 to 15.06.2019	5 & 6	09:00 AM	08.55 AM	60	24	13.44	16.11	W	
5	17.06.2019 to 18.06.2019	1 & 2	09.05 AM	09.00 AM	64	20	10.44	14.21	W	
6	21.06.2019 to 22.06.2019	5 & 6	09.30 AM	09.25 AM	61	23	12.10	13.13	W	
7	24.06.2019 to 25.06.2019	1 & 2	09.30 AM	09.25 AM	67	26	14.12	15.10	W	
8	28.06.2019 to 29.06.2019	5 & 6	10.00 AM	09.55 AM	60	28	13.40	16.42	W	
	24 Hourly Average.				<b>63</b>	<b>24</b>	<b>12.78</b>	<b>14.95</b>		

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

VASAVADATTA CEMENT SEDAM  
 SEDAM TOWN  
 JUNE-2019

PAGE NO. 27 OF 32  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

SL.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	03.06.2019 to 04.06.2019	1 & 2	-	-	-	-	-	-	W	
2	07.06.2019 to 08.06.2019	5 & 6	-	-	-	-	-	-	W	
3	10.06.2019 to 11.06.2019	1 & 2	-	-	-	-	-	-	W	
4	14.06.2019 to 15.06.2019	5 & 6	-	-	-	-	-	-	W	
5	17.06.2019 to 18.06.2019	1 & 2	09.15 AM	09.10 AM	65	30	12.12	18	W	
6	21.06.2019 to 22.06.2019	5 & 6	-	-	-	-	-	-	W	
7	24.06.2019 to 25.06.2019	1 & 2	-	-	-	-	-	-	W	
8	28.06.2019 to 29.06.2019	5 & 6	-	-	-	-	-	-	W	
	24 Hourly Average.				<b>65</b>	<b>30</b>	<b>12</b>	<b>18</b>		

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

VASAVADATTA CEMENT SEDAM  
 DAIRY FARM  
 JUNE-2019

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 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	03.06.2019 to 04.06.2019	1 & 2	09.30 AM	9.25 AM	60	25	16.31	16.30	W	
2	07.06.2019 to 08.06.2019	5 & 6	09.10 AM	9.05 AM	61	20	12.44	15.42	W	
3	10.06.2019 to 11.06.2019	1 & 2	09.30 AM	9.25 AM	66	22	14.10	10.12	W	
4	14.06.2019 to 15.06.2019	5 & 6	09.40 AM	09.35 AM	60	27	15.27	15.78	W	
5	17.06.2019 to 18.06.2019	1 & 2	10.00 AM	09.55 AM	64	22	10.10	17.40	W	
6	21.06.2019 to 22.06.2019	5 & 6	11.05 AM	11.00 AM	62	20	14.23	16.53	W	
7	24.06.2019 to 25.06.2019	1 & 2	10.40 AM	10.35 AM	60	25	13.13	12.10	W	
8	28.06.2019 to 29.06.2019	5 & 6	11.15 AM	11.10 AM	67	24	18.40	16.60	W	
	24 Hourly Average.				<b>63</b>	<b>23</b>	<b>14.25</b>	<b>15.03</b>		

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

VASAVADATTA CEMENT, SEDAM  
 MINES SUBSTATION  
 JUNE-2019

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 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	03.06.2019 to 04.06.2019	1 & 2	10.10 AM	10.05 AM	71	30	14.20	16.10	W	
2	07.06.2019 to 08.06.2019	5 & 6	10.20 AM	10.15 AM	68	20	12.10	14.11	W	
3	10.06.2019 to 11.06.2019	1 & 2	10.30 AM	10.25 AM	70	26	13.23	15.42	W	
4	14.06.2019 to 15.06.2019	5 & 6	10.40 AM	10.35 AM	71	32	12.10	16.23	W	
5	17.06.2019 to 18.06.2019	1 & 2	10.30 AM	10.25 AM	72	31	12.40	17.10	W	
6	21.06.2019 to 22.06.2019	5 & 6	11.20 AM	11.15 AM	69	33	13.14	14.52	W	
7	24.06.2019 to 25.06.2019	1 & 2	11.10 AM	11.05 AM	70	30	12.10	14.50	W	
8	28.06.2019 to 29.06.2019	5 & 6	11.35 AM	11.30 AM	69	25	15.42	22.30	W	
	24 Hourly Average.				<b>70</b>	<b>28</b>	<b>13.09</b>	<b>16.29</b>		

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

VASAVADATTA CEMENT, SEDAM  
 POWER PLANT  
 JUNE-2019

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 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	03.06.2019 to 04.06.2019	1 & 2	10.20 AM	10.15 AM	70	30	13.63	23.10	W	
2	07.06.2019 to 08.06.2019	5 & 6	10.40 AM	10.35 AM	65	20	12.50	16.45	W	
3	10.06.2019 to 11.06.2019	1 & 2	11.15 AM	11.10 AM	66	35	19.42	26.30	W	
4	14.06.2019 to 15.06.2019	5 & 6	11.20 AM	11.15 AM	62	24	17.42	23.10	W	
5	17.06.2019 to 18.06.2019	1 & 2	11.30 AM	11.25 AM	64	21	17.23	23.63	W	
6	21.06.2019 to 22.06.2019	5 & 6	11.25 AM	11.20 AM	62	26	12.30	18.75	W	
7	24.06.2019 to 25.06.2019	1 & 2	11.25 AM	10.20 AM	70	23	15.60	24.10	W	
8	28.06.2019 to 29.06.2019	5 & 6	11.45 AM	11.40 AM	67	30	20.10	22.42	W	
	24 Hourly Average.				<b>66</b>	<b>26</b>	<b>16.03</b>	<b>22.23</b>		

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

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN  
 JUNE-2019

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 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	03.06.2019 to 04.06.2019	1 & 2	11.30 AM	11.20 AM	65	32	11.42	16.40	W	
2	07.06.2019 to 08.06.2019	5 & 6	10.50 AM	10.25 AM	62	26	13.74	15.21	W	
3	10.06.2019 to 11.06.2019	1 & 2	11.30 AM	11.25 AM	60	24	12.45	16.22	W	
4	14.06.2019 to 15.06.2019	5 & 6	11.35 AM	11.35 AM	59	27	13.10	14.78	W	
5	17.06.2019 to 18.06.2019	1 & 2	11.45 AM	11.45 AM	64	31	11.85	22.75	W	
6	21.06.2019 to 22.06.2019	5 & 6	11.50 AM	11.50 AM	63	20	13.74	18.40	W	
7	24.06.2019 to 25.06.2019	1 & 2	11.35 AM	11.15 AM	60	24	13.63	16.53	W	
8	28.06.2019 to 29.06.2019	5 & 6	12.00 PM	12.20 PM	64	22	14.52	19.25	W	
	24 Hourly Average.				<b>64</b>	<b>24</b>	<b>13.06</b>	<b>17.44</b>		



**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 MT / Year		Un-utilized quantity MT / Year		Percentage	Remarks			
			M/s VC	ARVS/Parli/ Kesoram- BCFC/ <del>BTPS/JSW/</del> NTPC	Bricks	Cement Industries		Others	M/s VC	ARVS/Parli/ Kesoram- BCFC/ <del>BTPS/JSW/</del> NTPC	M/s VC			ARVS/Parli/ Kesoram- BCFC/ <del>BTPS/JSW/</del> NTPC		
						M/s VC	ARVS/Parli/ Kesoram- BCFC/ <del>BTPS/JSW/</del> NTPC								M/s VC	ARVS/Parli/ Kesoram- BCFC/ <del>BTPS/JSW/</del> NTPC
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	19287 + 9128	86994.925 + 39079.090	19287 + 9128	84666.8 + 41028.10	19287 + 9128	84666.8 + 41028.10	28415	125694.9	28415	125694.9	0.0	379.1150	100 % for VC Ash includes Bed ash also.	April -19 to June-19

**LINE-1**

a.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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b.) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

c.)

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

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**LINE-II**

d.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

a) CEMENT MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

**POWER PLANT (TPP # 1)**

e.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

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**POWER PLANT (TPP # 2)**

f.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

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**LINE-III**

g.) KILN /RAW MILL STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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DATE	STOP	START	TOTAL NO. OF MINUTES	REMARKS
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h.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019  
a.) .

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

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**POWER PLANT (TPP # 3)**

i.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

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Format No. FP-037.

**LINE-IV**

j.) a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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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 JUNE-2019

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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 JUNE-2019

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

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**POWER PLANT (TPP # 5)**

a.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2019

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

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