

13/12/17  
910

Trusted Technology - Solid Strength

Through: Courier Service

Ref: VC: WS: ENV: HMO: 2017-18: F10:

Date: 11/12/2017

To  
Member Secretary,  
Karnataka State Pollution Control Board,  
# 49, 4<sup>th</sup> & 5<sup>th</sup> Floor,  
Parisara Bhavana,  
Church Street,  
Bangalore-560 001.

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 of November -2017.

Kiln-I was stopped from 12.08.2017

Kiln-III was stopped from 07.11.2017 to 14.11.2017 and started from 15.11.2017

Kiln-IV was stopped from 17.11.2017 to 20.11.2017 and started from 21.11.2017

TPP-I was stopped from 26.10.2017 to 13.11.2017 and started from 18.11.2017

TPP-II was stopped from 15.11.2017 to 17.11.2017 and started from 31.10.2017

TPP-IV was stopped from 07.11.2017.

For Vasavadatta Cement,

For Kesoram Inds., Ltd.,

CIN of KIL- L17119WB1919PLC003429

(Dr.Chander Kumar Jain)

Head Manufacturing Operations

CC: Environmental officer,

Karnataka State Pollution Control Board,

#101, F-Block, Green Park, KHB,

Near Chor Gumbaz,

Ring road, Kalaburagi-585-105.

✓ o/c → Env. dept

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F + 08441 - 276139 / 276408Hyderabad Office :  
P + 91 40 4334 4555  
F + 91 40 4334 4534Corporate Office :  
E : corporate@kesoram.net

Kesoram Industries Limited

Regional Director

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

- 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 : November- 2017  
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA  
 3) Raw Materials / Ton of product : Lime Stone : 1.143 Total Clinker Production for November-2017: 3, 37,379.00 MT  
 (For Line - I, II, III & IV Cement Plant) : Fly Ash : 0.132 Total Cement Production for November-2017: 3, 81,240.00 MT  
 : Additive : 0.069  
 : Gypsum : 0.028  
 : Coal (Fuel) : 0.142  
 : Shale : -----  
 : Per Imp 1 : 0.022  
 Lime stone

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	42000	N.R	150	N.R
2.	Raw mill hopper	0.70	28.9	28.9	-do-	-do-	N.R	N.R	17000	N.R	150	N.R
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	N.R	N.R	18300	N.R	150	N.R
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	N.R	N.R	5500	N.R	150	N.R
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	N.R	N.R	6500	N.R	150	N.R
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	N.R	N.R	6500	N.R	150	N.R
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	N.R	N.R	20000	N.R	150	N.R
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	04.11.2017	02.45 PM	10800	10625	150	35

**LINE - I**

Pages 2 of 32  
Format No. FP - 036  
Month: November- 2017

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	04.11.2017	11.40 AM	15500	8051	150	33
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	22.11.2017	02.30 PM	25000	18470	150	34
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	21.11.2017	03.50 PM	25000	16210	150	34
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	N.R	N.R	350000	N.R	150	N.R
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	N.R	N.R	63800	N.R	150	N.R
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	N.R	N.R	330000	N.R	150	N.R
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	04.11.2017	10.40 AM	57000	52715	150	32

**LINE – I**

Page 3 of 32  
Format No. FP-036  
Month: November-2017

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.	N.R								-do-
3.	N.R								-do-
4.	N.R								-do-
5.	N.R								-do-
6.	N.R								-do-
7.	N.R								-do-
8.	0.32								-do-
9.	0.23								-do-
10.	0.56								-do-
11.	0.49								-do-
12.	N.R								-do-
13.	N.R								-do-
14.	N.R	Format No. FP-037 enclosed.							-do-
15.	1.42	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 : November- 2017           |
| 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	06.11.2017	09.50 AM	25000	17604	150	37
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	07.11.2017	10.15 AM	20000	12400	150	35
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	03.30 PM	14000	9583	150	31
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	09.11.2017	02.45 PM	12000	5087	150	36
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	11.45 AM	50000	28203	150	34
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	10.40 AM	12000	6322	150	33

**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	22.11.2017	02.30 PM	25000	16146	150	31
23.	Packer M/C-II	0.80	33.00	33.00	„	„	23.11.2017	03.15 PM	25000	14364	150	32
24.	Packer M/C-III	0.80	33.00	33.00	„	„	-do-	03.10 PM	25000	18540	150	35
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	22.11.2017	03.55 PM	25000	16164	150	37
26.	Cement Silo-I	0.40	41.50	41.50	„	„	10.11.2017	10.10 AM	6000	4635	150	32
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	11.15 AM	6000	3766	150	31

**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	10.11.2017	02.30 PM	6000	4486	150	32
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	07.11.2017	08.30 AM	6,50,000	3,44,313	150	26
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	-do-	10.40 AM	4,60,000	2,88,751	150	30
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	09.11.2017	09.30 AM	1,00,000	49,516	150	30
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	05.10.2017	11.55 AM	1,25,000	51,986	150	31

**LINE-II**

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Format No. FP – 036  
Month: November- 2017

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	
16.	0.55								Process Inter lock	
17.	0.37								-do-	
18.	0.25								-do-	
19.	0.16								-do-	
20.	0.84								-do-	
21.	0.18								-do-	
22.	0.44								-do-	
23.	0.39								-do-	
24.	0.55								-do-	
25.	0.53								-do-	
26.	0.13								-do-	
27.	0.10								-do-	
28.	0.12								-do-	
29.	7.16	Format No FP – 037 enclosed								-do-
30.	5.26								-do-	
31.	1.28	Format No. FP-037 enclosed.								-do-
32.	1.28								-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.



**THERMAL POWER PLANT**

- |   |  |                                     |
|---|--|-------------------------------------|
| 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 | : <b>TPP # 1, 15.7</b> (Peak capacity 16.2)      | 5) Month : November- 2017           |
| 3. Raw Materials Consumption                | :<br><b>TPP # 2, 9.5 MW</b> , Coal: 0.826 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	18.11.2017	08.30 AM	1,40,508	96,502	150	37
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	10.11.2017	10.30 AM	20,000	7178	150	38
35.	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	Not running		378		150	
36.	Boiler 42 TPH	1.90	65	65	ESP	ESP	03.11.2017	08.20 AM	91,919	89,507	150	35

**THERMAL POWER PLANT**

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Format No FP-036  
Month: November- 2017

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.	2.79	Format No-FP-037 enclosed							Process Inter lock
34.	0.23								-do-
35.	-								---
36.	2.48								-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 : November- 2017  
 3. Raw Materials / T 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	02.11.2017	08.40 AM	9,25,560	5,55,794	50	23
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	10.45 AM	5,71,428	3,27,887	50	29
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	02.30 PM	1,75,000	1,12,235	50	31
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	20.11.2017	10.30 AM	1,00,000	55,107	50	30
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	14.11.2017	10.50 AM	63,000	57,187	50	29

**LINE-III**

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Format No. FP-036  
Month: November- 2017

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	9.20								Process Inter lock
38	5.65								-do-
39	2.97								-do-
40	1.43								-do-
41	1.39								-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

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Format No. FP - 036

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM**      4) Validity of Consent: 30.06.2021.  
 2. Production Capacity of Power Plant in MW : TPP # 3,      18 MW      5) Month : November- 2017  
 3. Raw Materials Consumption : Coal: 0.831 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	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	18.11.2017	11.10 AM	2,08,152	1,41,423	150	35

## TPP-III

### THERMAL POWER PLANT

Page 13 of 32  
Format No FP-036  
Month: November- 2017

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	3.86	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		3786	---	---	---
44.	Kiln-II 125 KVA DG set	0.175	5.00	8.75	Chimney	Chimney	--do--		3786	---	---	---
45.	Kiln-III 380 KVA DG set	0.136	6.00	11.90	Chimney	Chimney	--do--		3786	---	---	---
46.	Boiler 42 TPH 250 KVA DG set	0.089	5.00	5.00	Chimney	Chimney	--do--		3786	---	---	---

## DG SETS

Page 15 of 32  
Format No. FP – 036  
Month: November- 2017

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 : November- 2017  
 3. Raw Materials / T 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	13.11.2017	10.45 AM	9,25,560	8,68,428	50	25
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	08.40 AM	5,71,428	3,28,521	50	29
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	02.20 PM	1,75,000	99,951	50	31
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	27.11.2017	10.30 AM	1,00,000	57,380	50	30
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	50	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	15.97								Process Inter lock
48	5.53								-do-
49	2.47								-do-
50	1.44								-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 : November- 2017  
 3. Raw Materials Consumption : Coal: 0.841 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	03.11.2017	10.45 AM	2,81,000	1,39,555	150	33

## TPP-IV

### THERMAL POWER PLANT

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
52	3.44	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-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: November- 2017

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 : November- 2017  
 3. Raw Materials Consumption : Coal: 0.831 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	18.11.2017	02.30 PM	2,81,000	1,37,858	50	33

## 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	3.81	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 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.

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

VASAVADATTA CEMENT, SEDAM  
 GUEST HOUSE  
 November- 2017

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

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.11.2017 to 04.11.2017	5 & 6	09.25 AM	09.20 AM	59	19	6.69	14.01	N	
2	06.11.2017 to 07.11.2017	1 & 2	09.40 AM	09.35 AM	58	17	6.13	14.77	NE	
3	10.11.2017 to 11.11.2017	5 & 6	09.20 AM	09.15 AM	60	18	6.35	14.22	E	
4	13.11.2017 to 14.11.2017	1 & 2	09.25 AM	09.20 AM	57	16	6.01	12.99	SE	
5	17.11.2017 to 18.11.2017	5 & 6	09.30 AM	09.25 AM	59	20	4.63	12.01	S	
6	20.11.2017 to 21.11.2017	1 & 2	09.50 AM	09.45 AM	61	19	7.49	16.01	SW	
7	24.11.2017 to 25.11.2017	5 & 6	09.45AM	09.40 AM	59	18	5.56	14.45	W	
8	27.11.2017 to 28.11.2017	1 & 2	09.25 AM	09.20 AM	58	19	4.47	12.98	NW	
	24 Hourly Average.				59	19	5.92	13.93		

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

VASAVADATTA CEMENT SEDAM  
 SEDAM TOWN  
 November-2017

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		10
1	03.11.2017 to 04.11.2017	5 & 6	-	-	-	-	-	-	-	
2	06.11.2017 to 07.11.2017	1 & 2	-	-	-	-	-	-	-	
3	10.11.2017 to 11.11.2017	5 & 6	-	-	-	-	-	-	-	
4	13.11.2017 to 14.11.2017	1 & 2	-	-	-	-	-	-	-	
5	17.11.2017 to 18.11.2017	5 & 6	11.30 AM	11.25 AM	52	17	-	-	S	
6	20.11.2017 to 21.11.2017	1 & 2	-	-	-	-	-	-	-	
7	24.11.2017 to 25.11.2017	5 & 6	-	-	-	-	-	-	-	
8	27.11.2017 to 28.11.2017	1 & 2	-	-	-	-	-	-	-	
	24 Hourly Average.				52	17	-	-		

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

VASAVADATTA CEMENT SEDAM  
 DAIRY FARM  
 November- 2017

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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	03.11.2017 to 04.11.2017	5 & 6	10.00 AM	09.55 AM	63	23	6.47	13.24	N	
2	06.11.2017 to 07.11.2017	1 & 2	10.15 AM	10.10 AM	62	21	5.91	14.00	NE	
3	10.11.2017 to 11.11.2017	5 & 6	10.05 AM	10.00 AM	64	22	6.13	13.45	E	
4	13.11.2017 to 14.11.2017	1 & 2	10.10 AM	10.05 AM	61	20	5.79	12.22	SE	
5	17.11.2017 to 18.11.2017	5 & 6	09.55 AM	09.50 AM	63	24	4.41	11.24	S	
6	20.11.2017 to 21.11.2017	1 & 2	10.45 AM	10.40 AM	65	23	7.27	15.24	SW	
7	24.11.2017 to 25.11.2017	5 & 6	10.30 AM	10.25 AM	63	22	5.34	13.68	W	
8	27.11.2017 to 28.11.2017	1 & 2	09.50 AM	09.45 AM	62	23	4.25	12.21	NW	
	24 Hourly Average.				63	22	5.70	13.16		

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

VASAVADATTA CEMENT, SEDAM  
 MINES SUBSTATION  
 November-2017

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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	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	03.11.2017 to 04.11.2017	5 & 6	08.25 AM	08.20 AM	64	24	7.45	13.68	N	
2	06.11.2017 to 07.11.2017	1 & 2	08.30 AM	08.25 AM	63	22	6.89	14.44	NE	
3	10.11.2017 to 11.11.2017	5 & 6	08.20 AM	08.15 AM	65	23	7.11	13.89	E	
4	13.11.2017 to 14.11.2017	1 & 2	08.35 AM	08.30 AM	62	21	6.77	12.66	SE	
5	17.11.2017 to 18.11.2017	5 & 6	08.25 AM	08.20 AM	64	25	5.39	11.68	S	
6	20.11.2017 to 21.11.2017	1 & 2	08.40 AM	08.35 AM	66	24	8.25	15.68	SW	
7	24.11.2017 to 25.11.2017	5 & 6	08.55 AM	08.50 AM	64	23	6.32	14.12	W	
8	27.11.2017 to 28.11.2017	1 & 2	08.15 AM	08.10 AM	63	24	5.23	12.65	NW	
	24 Hourly Average.				64	23	6.68	13.60		

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

VASAVADATTA CEMENT, SEDAM  
 Power Plant  
 November -2017

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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	03.11.2017 to 04.11.2017	5 & 6	09.20 AM	09.15 AM	62	22	9.58	16.69	N	
2	06.11.2017 to 07.11.2017	1 & 2	08.50 AM	08.45 AM	61	20	9.02	17.45	NE	
3	10.11.2017 to 11.11.2017	5 & 6	09.15 AM	09.10 AM	63	21	9.24	16.90	E	
4	13.11.2017 to 14.11.2017	1 & 2	08.55 AM	08.50 AM	60	19	8.90	15.67	SE	
5	17.11.2017 to 18.11.2017	5 & 6	08.55 AM	08.50 AM	62	23	7.52	14.69	S	
6	20.11.2017 to 21.11.2017	1 & 2	09.05 AM	09.00 AM	64	22	10.38	18.69	SW	
7	24.11.2017 to 25.11.2017	5 & 6	09.20 AM	09.15 AM	62	21	8.45	17.13	W	
8	27.11.2017 to 28.11.2017	1 & 2	08.50 AM	08.45 AM	61	22	7.36	15.66	NW	
	24 Hourly Average.				62	22	9.58	16.69		

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

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN  
 November- 2017

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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	03.11.2017 to 04.11.2017	5 & 6	10.45 AM	10.40 AM	60	20	5.90	12.47	N	
2	06.11.2017 to 07.11.2017	1 & 2	11.00 AM	10.55 AM	59	18	7.67	16.10	NE	
3	10.11.2017 to 11.11.2017	5 & 6	10.50 AM	10.45 AM	61	19	7.89	19.35	E	
4	13.11.2017 to 14.11.2017	1 & 2	11.05 AM	11.00 AM	58	17	7.55	13.22	SE	
5	17.11.2017 to 18.11.2017	5 & 6	10.40 AM	10.35 AM	60	21	6.17	12.24	S	
6	20.11.2017 to 21.11.2017	1 & 2	11.30 AM	11.25 AM	62	20	9.03	16.24	SW	
7	24.11.2017 to 25.11.2017	5 & 6	11.15 AM	11.10 AM	60	19	7.10	14.68	W	
8	27.11.2017 to 28.11.2017	1 & 2	10.35 AM	10.30 AM	59	20	6.01	18.11	NW	
	24 Hourly Average.				60	20	7.17	15.30		



**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		Unutilized quantity MT /Year		Percentage	Remarks			
			M/s VC	ARVS/Parli/ Kesoram/Adani/BTPS/JSW/ NTPC	Bricks	Cement Industries		Others	M/s VC	ARVS /Parli/ Kesoram/ Adani/BTPS/ JSW/NTPC	M/s VC			ARVS /Parli/ Kesoram/ Adani/BTPS / JSW/NTPC		
						M/s VC	ARVS /Parli/ Kesoram/ Adani/BTPS/ JSW/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	61718.00 + 9253	233988.44 + 51587.40	61718.00 + 9253	233669.895 + 41085.95	61718.00 + 9253	233669.895 + 41085.95	70971.00	274755.845	70971.00	274755.845	0.00	10819.995	100 % for VC Ash includes Bed ash also.	Values from April -17 to Nov-17

**LINE-1**

a.) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

b.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

**LINE-II**

a) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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---NIL---

b) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

**POWER PLANT (TPP # 1)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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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)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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**LINE-III**

a.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

b.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

**POWER PLANT (TPP # 3 )**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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**LINE-IV**

a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

---

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

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**POWER PLANT (TPP # 4 )**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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**POWER PLANT (TPP # 5)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

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