

433

13/7/17
10-15

Through: Courier Service

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

Date: 12 /07/2017

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

Dear 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 June-2017.

Kiln-I was started from 01.03.2017 to 04.04.2017 and stopped from 05.04.2017

Kiln-II was stopped from 10.05.2017 to 13.06.2017 and started from 14.06.2017

Kiln-III was stopped from 24.06.2017

Kiln-IV was stopped from 14.06.2017 to 16.06.2017 and started from 17.06.2017

TPP-I was stopped from 24.06.2017

TPP-III was stopped from 30.05.2017 to 22.06.2017 and started from 23.06.2017

TPP-V was stopped from 25.06.2017

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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Hyderabad Office :
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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



- 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- 2017
Combined Cement Production Line- I, II, III & IV : 9.0 MTPA

- 3) Raw Materials / Ton of product : Lime Stone : 1.184 Total Clinker Production for June-2017: 2,89,170.00 MT
(For Line - I, II, III & IV Cement Plant) : Fly Ash : 0.117 Total Cement Production for June-2017: 3,43,980.00 MT
: Additive : 0.077
: Gypsum : 0.029
: Coal (Fuel) : 0.159
Shale : 0.000

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	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-	09.06.2017	10.30 AM	10800	10032	150	35

LINE - I

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Format No. FP - 036
Month: June- 2017

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	09.06.2017	9.10 AM	15500	8869	150	37
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	19.05.2017	09.30 AM	25000	18270	150	32
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	-do-	10.40 AM	25000	17855	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	09.06.2017	04.00 PM	57000	50371	150	32

LINE – I

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.	0.31								-do-
9.	0.29								-do-
10.	0.50								-do-
11.	0.51								-do-
12.	N.R								-do-
13.	N.R								-do-
14.	N.R	Format No. FP-037 enclosed.							-do-
15.	1.32	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

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Format No. FP-036
Month: June- 2017

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	27.06.2017	02.15 PM	25000	18792	150	34
23.	Packer M/C-II	0.80	33.00	33.00	„	„	28.06.2017	02.20 PM	25000	17748	150	35
24.	Packer M/C-III	0.80	33.00	33.00	„	„	27.06.2017	04.40 PM	25000	17946	150	33
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	28.06.2017	03.45 PM	25000	16992	150	35
26.	Cement Silo-I	0.40	41.50	41.50	„	„	16.06.2017	08.40 AM	6000	4846	150	33
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	09.55 AM	6000	4698	150	34

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	16.06.2017	11.20 AM	6000	4437	150	34
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	14.06.2017	08.30 AM	6,50,000	3,61,633	150	26
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	14.06.2017	10.35 AM	4,60,000	2,98,598	150	30
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	13.06.2017	08.10 AM	1,00,000	35,416	150	31
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	14.06.2017	02.45 AM	1,25,000	67,573	150	32

LINE-II

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Month: June- 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.	0.35								Process Inter lock	
17.	0.33								-do-	
18.	0.32								-do-	
19.	0.12								-do-	
20.	0.80								-do-	
21.	0.16								-do-	
22.	0.53								-do-	
23.	0.51								-do-	
24.	0.44								-do-	
25.	0.51								-do-	
26.	0.14								-do-	
27.	0.14								-do-	
28.	0.14								-do-	
29.	7.55	Format No FP – 037 enclosed								-do-
30.	5.67								-do-	
31.	1.76	Format No. FP-037 enclosed.								-do-
32.	2.02								-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

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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 # 1, 15.7 (Peak capacity 16.2) | 5) Month : June- 2017 |
| 3. Raw Materials Consumption | : Coal: 0.881 Kg/Kwh
TPP# 2, 9.5 MW, Coal: 0.868 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	19.06.2017	08.45 AM	1,40,508	1,04,141	150	35
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	19.06.2017	02.20 PM	20,000	7912	150	36
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	19.06.2017	11.30 AM	91,919	77,260	150	36

THERMAL POWER PLANT

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Format No FP-036
Month: June- 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.	2.92	Format No-FP-037 enclosed							Process Inter lock
34.	0.23								-do-
35.	-								---
36.	2.26								-do-

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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- 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 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	02.06.2017	10.40 AM	9,25,560	5,60,391	50	25
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	08.30 AM	5,71,428	2,52,025	50	31
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	02.20 PM	1,75,000	1,26,985	50	32
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	03.06.2017	10.30 AM	1,00,000	35,870	50	32
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	20.06.2017	11.20 AM	63000	47,581	50	33

LINE-III

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Month: June- 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	10.36								Process Inter lock
38	6.10								-do-
39	3.44								-do-
40	0.97								-do-
41	1.18								-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 : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 3, 18 MW 5) Month : June- 2017
 3. Raw Materials Consumption : Coal: 0.909 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	20.06.2017	02.30 PM	2,08,152	1,48,554	150	36

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: June- 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	4.18	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 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		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

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Format No. FP – 036
Month: June- 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 : June- 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 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	
47.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	06.06.2017	08.40 AM	9,25,560	8,17,344	50	26
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	10.55 AM	5,71,428	2,54,564	50	33
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	02.45 PM	1,75,000	1,32,299	50	34
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	17.06.2017	11.30 AM	1,00,000	39,085	50	33
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	15.24								Process Inter lock
48	5.28								-do-
49	3.56								-do-
50	0.98								-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- 2017
 3. Raw Materials Consumption : Coal: 0.838 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	20.06.2017	09.10 AM	2,81,000	1,26,313	150	36

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	3.60	Format No- FP-037 enclosed							Process Inter lock

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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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Month: June- 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 : June- 2017
 3. Raw Materials Consumption : Coal: 0.810 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
52.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	20.06.2017	11.05 AM	2,81,000	1,35,481	50	37

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	3.94	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 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-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
 June- 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 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	01.06.2017to 02-06-2017	5 & 6	10.10 AM	10.05 AM	58	15	5.86	14.25	SE	
2	05.06.2017 to 06.06.2017	2 & 3	10.15 AM	10.10 AM	59	14	6.86	13.50	S	
3	08.06.2017 to 09.06.2017	5 & 6	10.10 AM	10.05 AM	57	11	6.11	15.35	W	
4	12.06.2017 to 13.06.2017	2 & 3	10.20 AM	10.15 AM	58	13	4.86	14.10	E	
5	15.06.2017 to 16.06.2017	5 & 6	10.35 AM	10.30 AM	57	14	6.11	15.85	SW	
6	19.06.2017 to 20.06.2017	2 & 3	10.40 AM	10.35 AM	59	15	7.36	15.10	NW	
7	22.05.2017 to 23.05.2017	5 & 6	10.45 AM	10.40 AM	58	14	8.61	14.35	NE	
8	25.06.2017 to 26.06.2017	2 & 3	10.50 AM	10.45 AM	56	16	6.86	13.60	N	
9	29.06.2017 to 30.06.2017	5 & 6	10.55 AM	10.50 AM	55	15	7.11	12.85	N	
	24 Hourly Average.				57	14	6.64	14.33		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 June-2017

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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		10
1	01.06.2017to 02-06-2017	5 & 6	-	-	-	-	-	-	-	
2	05.06.2017 to 06.06.2017	2 & 3	-	-	-	-	-	-	-	
3	08.06.2017 to 09.06.2017	5 & 6	-	-	-	-	-	-	-	
4	12.06.2017 to 13.06.2017	2 & 3	-	-	-	-	-	-	-	
5	15.06.2017 to 16.06.2017	5 & 6	12.00 AM	11.55 AM	66	23	-	-	SW	
6	19.06.2017 to 20.06.2017	2 & 3	-	-	-	-	-	-	-	
7	22.05.2017 to 23.05.2017	5 & 6	-	-	-	-	-	-	-	
8	25.06.2017 to 26.06.2017	2 & 3	-	-	-	-	-	-	-	
9	29.06.2017 to 30.06.2017	5 & 6	-	-	-	-	-	-	-	
	24 Hourly Average.				66	23	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 June- 2017

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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	01.06.2017 to 02.06.2017	5 & 6	10.30 AM	10.25 AM	57	16	6.2	17.02	SE	
2	05.06.2017 to 06.06.2017	2 & 3	11.00 AM	10.55 AM	56	15	7.45	18.77	S	
3	08.06.2017 to 09.06.2017	5 & 6	10.50 AM	10.45 AM	57	17	8.68	19.72	W	
4	12.06.2017 to 13.06.2017	2 & 3	10.35 AM	10.30 AM	56	15	6.83	18.47	E	
5	15.06.2017 to 16.06.2017	5 & 6	11.00 AM	10.55 AM	58	17	5.58	17.42	SW	
6	19.06.2017 to 20.06.2017	2 & 3	10.50 AM	10.45AM	61	18	7.33	16.17	NW	
7	22.06.2017 to 23.06.2017	5 & 6	10.35 AM	10.30 AM	62	17	6.58	14.92	NE	
8	25.06.2017 to 26.06.2017	2 & 3	10.30 AM	10.25 AM	64	19	5.83	13.67	N	
9	29.06.2017 to 30.06.2017	5 & 6	10.40 AM	10.35 AM	61	17	7.58	12.42	N	
	24 Hourly Average.				59	17	6.90	16.51		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 June-2017

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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	01.06.2017 to 02.06.2017	5 & 6	08.50 AM	08.45 AM	60	17	5.96	15.02	SE	
2	05.06.2017 to 06.06.2017	2 & 3	09.00 AM	08.55 AM	59	16	6.71	13.77	N	
3	08.06.2017 to 09.06.2017	5 & 6	08.55 AM	08.50 AM	60	18	7.96	15.62	N	
4	12.06.2017 to 13.06.2017	2 & 3	09.00 AM	08.55 AM	59	16	7.21	14.37	N	
5	15.06.2017 to 16.06.2017	5 & 6	09.05 AM	09.00 AM	61	18	8.66	15.12	NW	
6	19.06.2017 to 20.06.2017	2 & 3	09.10 AM	09.05 AM	58	15	7.41	13.87	N	
7	22.06.2017 to 23.06.2017	5 & 6	09.15 AM	09.10 AM	60	16	8.46	15.72	N	
8	25.06.2017 to 26.06.2017	2 & 3	09.20 AM	09.15 AM	61	18	9.21	16.22	N	
9	29.06.2017 to 30.06.2017	5 & 6	09.25 AM	09.20 AM	62	19	8.46	15.47	S	
	24 Hourly Average.				60	17	7.78	15.02		

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 June 2017

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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	01.06.2017 to 02.06.2017	5 & 6	09.30 AM	09.25 AM	61	18	8.18	20.25	SE	
2	05.06.2017 to 06.06.2017	2 & 3	09.40 AM	09.35 AM	60	19	9.07	21.50	N	
3	08.06.2017 to 09.06.2017	5 & 6	09.35 AM	09.30 AM	59	20	10.57	20.75	N	
4	12.06.2017 to 13.06.2017	2 & 3	09.45 AM	09.40 AM	58	19	9.32	19.50	N	
5	15.06.2017 to 16.06.2017	5 & 6	09.50 AM	09.45 AM	60	18	10.77	21.55	NW	
6	19.06.2017 to 20.06.2017	2 & 3	09.55 AM	09.50 AM	61	17	12.02	20.00	N	
7	22.06.2017 to 23.06.2017	5 & 6	10.00 AM	09.55 AM	63	18	13.07	21.05	N	
8	25.06.2017 to 26.06.2017	2 & 3	10.05 AM	10.00 AM	62	16	11.02	18.80	N	
9	29.06.2017 to 30.06.2017	5 & 6	10.10 AM	10.05 AM	60	17	10.27	17.75	S	
	24 Hourly Average.				60	18	10.48	20.13		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 June- 2017

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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	NOX		
1	2	3	4		5	6	7	8	9	10
1	01.06.2017 to 02.06.2017	5 & 6	11.05 AM	11.00 AM	56	19	6.71	16.00	SE	
2	05.06.2017 to 06.06.2017	2 & 3	11.35 AM	11.30 AM	58	18	7.71	15.25	N	
3	08.06.2017 to 09.06.2017	5 & 6	11.25 AM	11.20 AM	60	19	6.96	17.10	N	
4	12.06.2017 to 13.06.2017	2 & 3	11.20 AM	11.15 AM	57	18	5.71	15.85	N	
5	15.06.2017 to 16.06.2017	5 & 6	11.15 AM	11.10 AM	55	17	6.96	17.60	NW	
6	19.06.2017 to 20.06.2017	2 & 3	11.20 AM	11.15 AM	56	18	8.01	16.82	N	
7	22.06.2017 to 23.06.2017	5 & 6	11.25 AM	11.20 AM	54	16	6.76	15.97	N	
8	25.06.2017 to 26.06.2017	2 & 3	11.30 AM	11.25 AM	55	17	7.51	17.22	N	
9	29.06.2017 to 30.06.2017	5 & 6	11.35 AM	11.30 AM	57	18	8.76	16.17	S	
	24 Hourly Average.				56	18	7.23	16.44		

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	RTPS/Parli/ Kesoram/Adani/BTPS/JSW/ NTPC	Bricks	Cement Industries		Others	M/s VC	RTPS/Parli/ Kesoram/ Adani/BTPS/ JSW/NTPC	M/s VC			RTPS/Parli/ Kesoram/ Adani/BTPS/ JSW/NTPC
						M/s VC	RTPS/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	23555.00 + 10318.00	67734.9 + 28757.98	23555.00 + 10106.00	65288.3 + 30140.900	33661.00	95429.20	16229.00 + 10106.00	65288.3 + 30140.900	212.0	1063.68	100 % for VC Ash includes Bed ash also.	Values from April -17 to June -17

LINE-1

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

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

--- NIL---

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

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

LINE-II

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

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

---NIL---

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

---NIL---

POWER PLANT (TPP # 2)

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

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

---NIL---

LINE-III

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

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

--- NIL---

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

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 JUNE- 2017.

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

--- NIL---

LINE-IV

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

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

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

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

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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

Prepared & Checked

HOD