

322

18/9/17

4/30.

Through: Courier Service

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

Date: 12/09/2017

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 August -2017.

Kiln-I was stopped from 12.08.2017.

Kiln-II was stopped from 16.08.2017

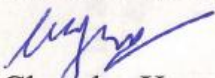
Kiln-IV was stopped from 23.07.2017 to 14.08.2017 and started from 15.08.2017

TPP-I was stopped from 24.06.2017

TPP-II was stopped from 02.07.2017

TPP-III was stopped from 31.08.2017. 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.

✓ OIC → Env. dept.

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

P + 08441 - 276005 / 276391

F + 08441 - 276139 / 276408

Hyderabad Office :

P + 91 40 4334 4555

F + 91 40 4334 4534

Corporate Office :

E : corporate@kesoram.net



- 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 : August- 2017
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.152 Total Clinker Production for August-2017: 2, 85,490.00 MT
 (For Line - I, II, III & IV Cement Plant) : Fly Ash : 0.134 Total Cement Production for August-2017: 3, 53,560.00 MT
 : Additive : 0.067
 : Gypsum : 0.027
 : Coal (Fuel) : 0.135
 : Shale : -----
 : Per Imp 1 :0.0153
 Lime stone

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-	09.08.2017	02.30 AM	17000	8177	150	35
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	10.08.2017	08.15 AM	18300	17860	150	32
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	09.08.2017	08.30 AM	5500	4212	150	35
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	-do-	09.40 AM	6500	4861	150	32
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	-do-	10.55 AM	6500	3240	150	33
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	10.08.2017	04.00 PM	20000	10597	150	34
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	29.08.2017	04.15 PM	10800	11897	150	35

LINE - I

2 Page 2 of 32
Format No. FP - 036
Month: August- 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	
			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	29.08.2017	03.40 PM	15500	8456	150	34
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	25.08.2017	02.30 PM	25000	18035	150	37
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	21.08.2017	02.45 PM	25000	17963	150	35
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	10.08.2017	11.10 AM	350000	253322	150	31
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	-do-	02.30 PM	63800	50671	150	32
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	-do-	09.30 AM	330000	276917	150	26
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	28.08.2017	02.30 AM	57000	52905	150	32

1

LINE – I

Page 3 of 32
Format No. FP-036
Month: August-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.	0.25								-do-	
3.	0.51								-do-	
4.	0.13								-do-	
5.	0.14								-do-	
6.	0.09								-do-	
7.	0.24								-do-	
8.	0.36								-do-	
9.	0.24								-do-	
10.	0.60								-do-	
11.	0.57								-do-	
12.	5.90								-do-	
13.	1.09								-do-	
14.	6.09	Format No. FP-037 enclosed.								-do-
15.	1.41	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 : August- 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 ³ / Hr		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
16.	Raw mill hopper & weigh feeders	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	02.08.2017	08.30 AM	25000	19728	150	36
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	04.08.2017	11.20 AM	20000	12386	150	35
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	09.45 AM	14000	10273	150	33
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	07.08.2017	08.40 AM	12000	5249	150	36
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	10.20 AM	50000	29023	150	35
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	11.30 AM	12000	7027	150	35

LINE - II

Page 5 of 32
Format No. FP-036
Month: August- 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	17.08.2017	03.25 PM	25000	17622	150	35
23.	Packer M/C-II	0.80	33.00	33.00	„	„	19.08.2017	02.25 PM	25000	16164	150	35
24.	Packer M/C-III	0.80	33.00	33.00	„	„	-do-	04.15 PM	25000	20592	150	34
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	17.08.2017	04.25 PM	25000	16614	150	37
26.	Cement Silo-I	0.40	41.50	41.50	„	„	03.08.2017	11.20 AM	6000	4941	150	34
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	02.30 PM	6000	4386	150	36

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	04.08.2017	04.00 PM	6000	4941	150	35
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	-do-	08.30 AM	6,50,000	361633	150	27
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	04.08.2017	02.30 PM	4,60,000	317133	150	32
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	03.08.2017	10.30 AM	1,00,000	60312	150	31
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	04.08.2017	04.10 PM	1,25,000	67573	150	31

LINE-II

Page 7 of 32
Format No. FP – 036
Month: August- 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.	0.62								Process Inter lock	
17.	0.37								-do-	
18.	0.26								-do-	
19.	0.16								-do-	
20.	0.89								-do-	
21.	0.21								-do-	
22.	0.56								-do-	
23.	0.46								-do-	
24.	0.62								-do-	
25.	0.52								-do-	
26.	0.14								-do-	
27.	0.12								-do-	
28.	0.14								-do-	
29.	6.99	Format No FP – 037 enclosed								-do-
30.	5.85								-do-	
31.	1.77	Format No. FP-037 enclosed.								-do-
32.	1.79								-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

Page 8 of 32
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 : August- 2017 |
| 3. Raw Materials Consumption | : Coal: 0.787 Kg/Kwh
TPP# 2, 9.5 MW, Coal: 0.841 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	31.08.2017	09.40 AM	1,40,508	91281	150	35
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	16.08.2017	02.40 PM	20,000	7516	150	35
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	N.R	N.R	91,919	N.R	150	N.R

THERMAL POWER PLANT

Page 9 of 32
Format No FP-036
Month: August- 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.	2.56	Format No- FP-037 enclosed							Process Inter lock
34.	0.22								-do-
35.	-								---
36.	N.R								-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 : August- 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	18.08.2017	08.20 AM	9,25,560	558859	50	24
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	10.40 AM	5,71,428	253295	50	32
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	11.45 AM	1,75,000	122129	50	31
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	11.08.2017	02.10 PM	1,00,000	48455	50	32
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	24.07.2017	02.30 PM	63000	52479	50	37

LINE-III

Page 11 of 32
Format No. FP-036
Month: August- 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	10.39								Process Inter lock
38	5.27								-do-
39	3.29								-do-
40	1.29								-do-
41	1.78								-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 : August- 2017
 3. Raw Materials Consumption : Coal: 0.807 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	16.08.2017	08.30 AM	2,08,152	1,43,290	150	34

TPP-III

THERMAL POWER PLANT

Page 13 of 32
Format No FP-036
Month: August- 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	3.76	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		
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

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 : August- 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	26.08.2017	08.45 AM	9,25,560	8,42,866	50	24
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	02.30 PM	5,71,428	3,88,512	50	33
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	09.40 AM	1,75,000	1,32,299	50	34
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	21.08.2017	08.30 AM	1,00,000	55,273	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	14.29								Process Inter lock
48	7.83								-do-
49	3.81								-do-
50	1.54								-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 : August- 2017
 3. Raw Materials Consumption : Coal: 0.807 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	16.08.2017	08.30 AM	2,81,000	1,35,481	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	3.02	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 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)

Page 21 of 32
Format No. FP – 036
Month: August- 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 : August- 2017
 3. Raw Materials Consumption : Coal: 0.807 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	31.08.2017	11.25 AM	2,81,000	1,31,915	50	35

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	4.32	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
 August- 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 ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.08.2017 to 02.08.2017	3 & 4	10.00 AM	09.55 AM	57	21	5.25	10.63	N	
2	04.08.2017 to 05.08.2017	6 & 7	10.55 AM	10.50 AM	56	20	6.14	11.88	NE	
3	08.08.2017 to 09.08.2017	3 & 4	09.55 AM	09.50 AM	57	21	7.64	11.13	E	
4	11.08.2017 to 12.08.2017	6 & 7	09.40 AM	09.35 AM	56	20	6.39	9.88	SE	
5	15.08.2017 to 16.08.2017	3 & 4	10.10 AM	10.05 AM	55	21	7.84	11.63	S	
6	18.08.2017 to 19.08.2017	6 & 7	09.45 AM	09.40 AM	54	23	9.29	13.13	SW	
7	22.08.2017 to 23.08.2017	3 & 4	09.50 AM	09.45 AM	53	24	10.29	13.98	W	
8	25.08.2017 to 26.08.2017	6 & 7	10.30 AM	10.25 AM	52	28	9.44	12.93	NW	
9	29.08.2017 to 30.08.2017	3 & 4	09.35 AM	09.30 AM	55	29	12.94	14.08	NW	
	24 Hourly Average.				55	23	8.36	12.14		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 August-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 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	01.08.2017 to 02.08.2017	3 & 4	-	-	-	-	-	-	-	
2	04.08.2017 to 05.08.2017	6 & 7	-	-	-	-	-	-	-	
3	08.08.2017 to 09.08.2017	3 & 4	-	-	-	-	-	-	-	
4	11.08.2017 to 12.08.2017	6 & 7	-	-	-	-	-	-	-	
5	15.08.2017 to 16.08.2017	3 & 4	12.05 PM	12.00 PM	56	24	-	-	S	
6	18.08.2017 to 19.08.2017	6 & 7	-	-	-	-	-	-	-	
7	22.08.2017 to 23.08.2017	3 & 4	-	-	-	-	-	-	-	
8	25.08.2017 to 26.08.2017	6 & 7	-	-	-	-	-	-	-	
9	29.08.2017 to 30.08.2017	3 & 4	-	-	-	-	-	-	-	
	24 Hourly Average.				56	24	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 August- 2017

PAGE NO 28 of 32
 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x		
1	2	3	4		5	6	7	8	9	10
1	01.08.2017 to 02.08.2017	3 & 4	10.25 AM	10.20 AM	56	22	7.4	17.84	N	
2	04.08.2017 to 05.08.2017	6 & 7	11.25 AM	11.20 AM	54	21	8.65	19.59	NE	
3	08.08.2017 to 09.08.2017	3 & 4	10.30 AM	10.25 AM	55	19	9.88	20.54	E	
4	11.08.2017 to 12.08.2017	6 & 7	10.15 AM	10.10 AM	55	20	8.03	19.29	SE	
5	15.08.2017 to 16.08.2017	3 & 4	10.55 AM	10.50 AM	52	20	6.78	18.24	S	
6	18.08.2017 to 19.08.2017	6 & 7	10.20 AM	10.15 AM	51	19	7.67	18.99	SW	
7	22.08.2017 to 23.08.2017	3 & 4	10.25 AM	10.20 AM	51	20	9.82	20.24	W	
8	25.08.2017 to 26.08.2017	6 & 7	11.05 AM	11.00 AM	57	18	8.57	18.99	NW	
9	29.08.2017 to 30.08.2017	3 & 4	10.10 AM	10.05 AM	49	21	8.15	8.10	NW	
	24 Hourly Average.				54	20	9.04	13.30		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 August-2017

PAGE NO 29 of 32
 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.08.2017 to 02.08.2017	3 & 4	08.25 AM	08.20 AM	55	22	6.75	13.09	N	
2	04.08.2017 to 05.08.2017	6 & 7	08.45 AM	08.40 AM	54	21	7.50	11.84	NE	
3	08.08.2017 to 09.08.2017	3 & 4	08.35 AM	08.30 AM	56	20	8.75	13.69	E	
4	11.08.2017 to 12.08.2017	6 & 7	08.20 AM	08.15 AM	54	19	8.00	12.44	SE	
5	15.08.2017 to 16.08.2017	3 & 4	08.45 AM	08.40 AM	53	18	9.45	13.19	S	
6	18.08.2017 to 19.08.2017	6 & 7	08.25 AM	08.20 AM	55	20	8.20	11.94	SW	
7	22.08.2017 to 23.08.2017	3 & 4	08.30 AM	08.25 AM	54	21	9.25	13.79	W	
8	25.08.2017 to 26.08.2017	6 & 7	08.55 AM	08.50 AM	53	20	10.00	14.29	NW	
9	29.08.2017 to 30.08.2017	3 & 4	08.15 AM	08.10 AM	54	21	13.50	15.44	NW	
	24 Hourly Average.				54	20	9.04	13.30		

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 August 2017

PAGE NO 30 of 32
 FORMAT NO FP-036
 ANNEXURE -V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NOX		
1	2	3	4		5	6	7	8	9	10
1	01.08.2017 to 02.08.2017	3 & 4	09.25 AM	09.20 AM	56	26	10.50	15.75	N	
2	04.08.2017 to 05.08.2017	6 & 7	09.55 AM	09.50 AM	55	24	11.50	15.00	NE	
3	08.08.2017 to 09.08.2017	3 & 4	09.35 AM	09.30 AM	54	23	10.75	16.85	E	
4	11.08.2017 to 12.08.2017	6 & 7	09.20 AM	09.15 AM	53	22	9.50	15.60	SE	
5	15.08.2017 to 16.08.2017	3 & 4	09.45 AM	09.40 AM	52	21	10.75	17.35	S	
6	18.08.2017 to 19.08.2017	6 & 7	09.30 AM	09.25 AM	52	19	10.00	16.10	SW	
7	22.08.2017 to 23.08.2017	3 & 4	09.25 AM	09.20 AM	51	18	11.25	17.65	W	
8	25.08.2017 to 26.08.2017	6 & 7	09.30 AM	09.25 AM	50	17	10.00	16.40	NW	
9	29.08.2017 to 30.08.2017	3 & 4	09.15 AM	09.10 AM	55	18	13.50	17.55	NW	
	24 Hourly Average.				53	21	10.86	16.47		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 August- 2017

PAGE NO 31 OF 32
 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NOX		
1	2	3	4		5	6	7	8	9	10
1	01.08.2017 to 02.08.2017	3 & 4	10. 50 AM	10.45 AM	58	25	7.35	13.32	N	
2	04.08.2017 to 05.08.2017	6 & 7	11.55 AM	11.50 AM	57	24	6.10	12.07	NE	
3	08.08.2017 to 09.08.2017	3 & 4	11.15 AM	11.10 AM	56	22	7.85	13.92	E	
4	11.08.2017 to 12.08.2017	6 & 7	11.00 AM	10.55 AM	54	25	8.90	14.67	SE	
5	15.08.2017 to 16.08.2017	3 & 4	11.40 AM	10.35 AM	59	23	7.40	13.42	S	
6	18.08.2017 to 19.08.2017	6 & 7	11.05 AM	11.00 AM	57	22	8.25	14.17	SW	
7	22.08.2017 to 23.08.2017	3 & 4	11.10 AM	11.05 AM	56	20	7.00	13.12	W	
8	25.08.2017 to 26.08.2017	6 & 7	11.40 AM	11.35 AM	56	24	8.95	14.07	NW	
9	29.08.2017 to 30.08.2017	3 & 4	10.45 AM	10.40 AM	56	25	12.45	15.22	NW	
	24 Hourly Average.				57	23	8.25	13.78		

FLY ASH UTILIZATION PROFORMA

Page No: 32 of 32
Format No: FP-036
August- 2017

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			
					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	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	43259.00 + 7675.00	135713.88 + 40358.91	43259.00 + 7567.00	130122.25 + 39802.45	50826.00	169924.70	43259.00 + 7567.00	130122.25 + 39802.45	50826.00	169924.70	108.0	6148.170	100 % for VC Ash includes Bed ash also.	Values from April -17 to Aug -17

LINE-1

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

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

--- NIL---

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

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

--- NIL---

LINE-II

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

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

---NIL---

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

---NIL---

POWER PLANT (TPP # 2)

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

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

---NIL---

LINE-III

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

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

--- NIL---

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

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

--- NIL---

POWER PLANT (TPP # 3)

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

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

--- NIL---

LINE-IV

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

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

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

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

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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