

254 13/6/17 11.30
Through: Courier Service

Ref: VC: WS: ENV: HMO: 2016-17: F10:

Date: 09 /06/2017

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 May-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.

Kiln-IV was stopped from 18.05.2017 to 28.05.2017 and started from 29.05.2017.

TPP-I was stopped from 06.05.2017 to 28.05.2017 and started from 29.05.2017.

TPP-II was stopped from 10.05.2017.

TPP-III was stopped from 30.05.2017.

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 → Environment
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

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

3) Raw Materials / Ton of product : Lime Stone : 1.174 Total Clinker Production for May- 2017: 3,02,160.00 MT
(For Line - I, II, III & IV Cement Plant) : Fly Ash : 0.119 Total Cement Productions for May- 2017: 3,55,310.00 MT
: Additive : 0.087
: Gypsum : 0.0287
: Coal (Fuel) : 0.139
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-	N.R	N.R	10800	N.R	150	N.R

LINE - I

2 Page 2 of 32
Format No. FP - 036
Month: May- 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	N.R	N.R	15500	N.R	150	N.R
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	19.05.2017	09.30 AM	25000	17728	150	33
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	-do-	10.40 AM	25000	19409	150	35
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	N.R	N.R	57000	N.R	150	N.R

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.	N.R								-do-
9.	N.R								-do-
10.	0.46								-do-
11.	0.52								-do-
12.	N.R								-do-
13.	N.R								-do-
14.	N.R	Format No. FP-037 enclosed.							-do-
15.	N.R	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 : May- 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	05.05.2017	08.15 AM	25000	14652	150	37
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	-do-	11.50 AM	20000	10907	150	35
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	09.30 AM	14000	11400	150	39
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	04.05.2017	08.20 AM	12000	4783	150	35
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	09.40 AM	50000	33516	150	39
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	11.00 AM	12000	6435	150	35

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	31.05.2017	02.40 PM	25000	17748	150	36
23.	Packer M/C-II	0.80	33.00	33.00	„	„	24.05.2017	03.30 PM	25000	16830	150	37
24.	Packer M/C-III	0.80	33.00	33.00	„	„	-do-	04.40 PM	25000	19008	150	34
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	19.05.2017	03.15 PM	25000	18630	150	37
26.	Cement Silo-I	0.40	41.50	41.50	„	„	08.05.2017	08.35 AM	6000	4626	150	38
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	09.50AM	6000	4117	150	37

LINE - II

Page 6 of 32
Format No. FP-036
Month: May- 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
28.	Cement silo-III	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	08.05.2017	11.05 AM	6000	4887	150	35
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	05.05.2017	10.40 AM	6,50,000	350548	150	28
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	06.05.2017	08.35 AM	4,60,000	296860	150	34
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	04.05.2017	02.15 PM	1,00,000	76506	150	36
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	06.05.2017	10.00 AM	1,25,000	71660	150	35

LINE-II

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.	0.38								Process Inter lock	
17.	0.33								-do-	
18.	0.36								-do-	
19.	0.14								-do-	
20.	1.03								-do-	
21.	0.16								-do-	
22.	0.54								-do-	
23.	0.49								-do-	
24.	0.49								-do-	
25.	0.54								-do-	
26.	0.15								-do-	
27.	0.12								-do-	
28.	0.15								-do-	
29.	8.41	Format No FP – 037 enclosed								-do-
30.	9.04								-do-	
31.	2.16	Format No. FP-037 enclosed.								-do-
32.	1.80								-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 : **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 : May- 2017 3.
 Raw Materials Consumption : Coal: 0.770 kg/kwh
TPP# 2, 9.5 MW, Coal: 0.791 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	02.05.2017	08.45 AM	140508	106945	150	33
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	-do-	02.30 PM	20000	9740	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	06.05.2017	02.30 PM	91919	77453	150	39

THERMAL POWER PLANT

Page 9 of 32
Format No FP-036
Month: May- 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.	2.45	Format No- FP-037 enclosed							Process Inter lock
34.	0.26								-do-
35.	-								-do-
36.	2.50								

** 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 : May- 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	11.5.2017	08.30 AM	9,25,560	562946	50	25
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	11.05 AM	5,71,428	367563	50	33
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	09.45 AM	1,75,000	145309	50	37
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	09.05.2017	08.25AM	1,00,000	56826	50	36
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	11.05.2017	03.15 PM	63000	48854	50	35

LINE-III

Page 11 of 32
Format No. FP-036
Month: May- 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	11.51								Process Inter lock
38	9.49								-do-
39	4.57								-do-
40	1.54								-do-
41	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.

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 : May- 2017
 3. Raw Materials Consumption : Coal: 0.769 kg/kwh

Sr. No	Source	Dia. of Chimney in (m)	Chimney height (in m.)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / hr		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	06.05.2017	03.45 PM	2,08,152	153137	150	40

TPP-III

THERMAL POWER PLANT

Page 13 of 32
Format No FP-036
Month: May- 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	4.94	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

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

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.

- 1. Name of the Unit : VASAVADATTA CEMENT – SEDAM
- 2. Production capacity : Ref. Page 1 of 22
- 3. Raw Materials / T of product : Ref. Page 1 of 22
- 4) Validity of Consent: 30.06.2021.
- 5) Month : May- 2017

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	12.05.2017	08.25AM	9,25,560	766260	50	23
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	11.10AM	5,71,428	445012	50	32
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	09.45 AM	1,75,000	151356	50	37
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	03.05.2017	08.35 AM	1,00,000	63922	50	36
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	13.56								Process Inter lock
48	9.01								-do-
49	4.42								-do-
50	1.75								-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 : May- 2017
 3. Raw Materials Consumption : Coal: 0.770 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	02.05.2017	10.00 AM	2,81,000	123596	150	35

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	3.23	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	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: May- 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 : May- 2017
 3. Raw Materials Consumption : Coal: 0.771 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		
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	02.05.2017	11.20 AM	2,81,000	162645	50	41

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	4.89	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
 May- 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	02.05.2017to 03-05-2017	3 & 4	10.05AM	10.00 AM	63	19	7.36	17.25	SE	
2	05.05.2017 to 06.05.2017	2 & 3	10.10 AM	10.05AM	62	20	8.25	18.50	N	
3	08.05.2017 to 09.05.2017	2 & 3	10.05 AM	10.00 AM	61	21	9.75	17.75	N	
4	11.05.2017 to 12.05.2017	5 & 6	10.15 AM	10.10 AM	60	20	8.50	16.50	N	
5	15.05.2017 to 16.05.2017	2 & 3	10.30 AM	10.25 AM	62	19	9.95	18.25	NW	
6	18.05.2017 to 19.05.2017	5 & 6	10.20 AM	10.15 AM	59	20	11.40	19.75	N	
7	22.05.2017 to 23.05.2017	2 & 3	10.10 AM	10.05 AM	60	18	12.40	20.60	N	
8	25.05.2017 to 26.05.2017	5 & 6	10.40 AM	10.35 AM	61	19	11.55	19.55	N	
9	29.05.2017 to 30.05.2017	2 & 3	10.45 AM	10.40 AM	63	20	10.80	18.30	S	
	24 Hourly Average.				61	20	9.99	18.49		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 May-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	02.05.2017to 03-05-2017	3 & 4	-	-	-	-	-	-	-	
2	05.05.2017 to 06.05.2017	2 & 3	-	-	-	-	-	-	-	
3	08.05.2017 to 09.05.2017	2 & 3	-	-	-	-	-	-	-	
4	11.05.2017 to 12.05.2017	5 & 6	-	-	-	-	-	-	-	
5	15.05.2017 to 16.05.2017	2 & 3	11.55 AM	11.50 AM	66	23	-	-	NW	
6	18.05.2017 to 19.05.2017	5 & 6	-	-	-	-	-	-	-	
7	22.05.2017 to 23.05.2017	2 & 3	-	-	-	-	-	-	-	
8	25.05.2017 to 26.05.2017	5 & 6	-	-	-	-	-	-	-	
9	29.05.2017 to 30.05.2017	2 & 3								
	24 Hourly Average.				66	23	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 May- 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	02.05.2017to 03-05-2017	3 & 4	10.25 AM	10.20 AM	62	18	6.86	17.02	SE	
2	05.05.2017 to 06.05.2017	2 & 3	10.55 AM	10.50 AM	61	19	8.11	18.77	N	
3	08.05.2017 to 09.05.2017	2 & 3	10.45 AM	10.40 AM	63	20	9.34	19.72	N	
4	11.05.2017 to 12.05.2017	5 & 6	10.30 AM	10.25 AM	61	19	7.49	18.47	N	
5	15.05.2017 to 16.05.2017	2 & 3	11.00 AM	10.55 AM	64	17	6.24	17.42	NW	
6	18.05.2017 to 19.05.2017	5 & 6	10.50 AM	10.45AM	61	16	7.13	18.17	N	
7	22.05.2017 to 23.05.2017	2 & 3	10.35 AM	10.30 AM	62	17	9.28	19.42	N	
8	25.05.2017 to 26.05.2017	5 & 6	10.30 AM	10.25 AM	64	19	8.03	18.17	N	
9	29.05.2017 to 30.05.2017	2 & 3	10.40 AM	10.35 AM	61	17	8.78	16.92	S	
	24 Hourly Average.				62	18	7.91	18.23		

NAME OF UNIT
LOCATION OF A.A.Q.M STATION.

VASAVADATTA CEMENT, SEDAM
MINES SUBSTATION

PAGE NO 29 of 32
FORMAT NO FP-036

MONTH

May-2017

ANNEXURE - V

WEEK NO.

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	02.05.2017 to 03-05-2017	3 & 4	08.45 AM	08.40 AM	60	17	5.96	15.02	SE	
2	05.05.2017 to 06.05.2017	2 & 3	08.55 AM	08.50 AM	59	16	6.71	13.77	N	
3	08.05.2017 to 09.05.2017	2 & 3	08.50 AM	08.45 AM	60	18	7.96	15.62	N	
4	11.05.2017 to 12.05.2017	5 & 6	08.55 AM	08.50 AM	59	16	7.21	14.37	N	
5	15.05.2017 to 16.05.2017	2 & 3	09.00 AM	08.55 AM	61	18	8.66	15.12	NW	
6	18.05.2017 to 19.05.2017	5 & 6	08.55 AM	08.50 AM	58	15	7.41	13.87	N	
7	22.05.2017 to 23.05.2017	2 & 3	08.50 AM	08.45 AM	60	16	8.46	15.72	N	
8	25.05.2017 to 26.05.2017	5 & 6	09.05 AM	09.00 AM	61	18	9.21	16.22	N	
9	29.05.2017 to 30.05.2017	2 & 3	09.15 AM	09.10 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
 May 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	02.05.2017to 03-05-2017	3 & 4	09.25AM	09.20 AM	59	16	4.61	15.25	SE	
2	05.05.2017 to 06.05.2017	2 & 3	09.35 AM	09.30 AM	60	15	5.61	14.50	N	
3	08.05.2017 to 09.05.2017	2 & 3	09.30AM	09.25 AM	58	12	4.86	16.35	N	
4	11.05.2017 to 12.05.2017	5 & 6	09.40 AM	09.35 AM	59	14	3.61	15.10	N	
5	15.05.2017 to 16.05.2017	2 & 3	09.45 AM	09.40 AM	58	15	4.86	16.85	NW	
6	18.05.2017 to 19.05.2017	5 & 6	09.40 AM	09.35 AM	57	17	4.11	15.60	N	
7	22.05.2017 to 23.05.2017	2 & 3	09.35 AM	09.30 AM	58	18	5.36	17.15	N	
8	25.05.2017 to 26.05.2017	5 & 6	10.00 AM	09.55 AM	59	16	4.11	15.90	N	
9	29.05.2017 to 30.05.2017	2 & 3	10.50 AM	10.45 AM	61	17	3.36	14.65	S	
	24 Hourly Average.				59	16	4.49	15.70		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 May- 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	02.05.2017to 03-05-2017	3 & 4	11.00AM	10.55 AM	65	22	8.54	20.00	SE	
2	05.05.2017 to 06.05.2017	2 & 3	11.30 AM	11.25 AM	64	21	9.54	19.25	N	
3	08.05.2017 to 09.05.2017	2 & 3	11.20 AM	11.15 AM	65	22	8.79	21.10	N	
4	11.05.2017 to 12.05.2017	5 & 6	11.15AM	11.10 AM	63	21	7.54	19.85	N	
5	15.05.2017 to 16.05.2017	2 & 3	11.10 AM	11.05AM	61	20	8.79	21.60	NW	
6	18.05.2017 to 19.05.2017	5 & 6	11.15 AM	11.10 AM	62	18	8.04	20.35	N	
7	22.05.2017 to 23.05.2017	2 & 3	10.55 AM	10.50 AM	60	20	9.29	21.90	N	
8	25.05.2017 to 26.05.2017	5 & 6	11.15AM	11.10 AM	61	19	8.04	20.65	N	
9	29.05.2017 to 30.05.2017	2 & 3	11.25 AM	11.20 AM	63	20	6.79	18.90	S	
	24 Hourly Average.				63	20	8.37	20.40		

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/ NTPG	Bricks	Cement Industries		Others	M/s VC	RTPS/Parli/ Kesoram/ Adani/BTPS/ JSW/NTPG	M/s VC			RTPS/Parli/ Kesoram/ Adani/BTPS / JSW/NTPG
						M/s VC	RTPS/Parli/ Kesoram/ Adani/BTPS/ JSW/NTPG							
1	M/s Vasavadatta Cement Sedam	Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant	16229.00 + 7326.00	36133.32 + 31601.58		16229.00 + 7326.00	30296.600 + 34991.700	16229.00 + 7326.00	30296.600 + 34991.700	0.0	2446.60	100 % for VC Ash includes Bed ash also.	Values for the month of May - 2017	
			23555.00	67734.9		23555.00	65288.3	23555.00	65288.3					

LINE-1

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

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

--- NIL---

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

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

--- NIL---

LINE-II

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

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

---NIL---

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

---NIL---

POWER PLANT (TPP # 2)

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

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

---NIL---

LINE-III

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

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

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

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

POWER PLANT (TPP # 3)

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

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

--- NIL---

LINE-IV

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

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

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

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

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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