

**Through:** Courier Service

VC: WS: ENV: CKJ: F10 (ENV)

Date: November 17, 2011


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

Dear Sir,

Enclosed please find our 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 October-2011.

Kiln -1 Cement plant was shutdown from 03.04.11 and started from 11.11.2011.  
Kiln -2 Cement plant was shutdown from 07.09.11 to 02.10.11 and started from 03.10.11  
Kiln-3 Cement plant was shutdown from 10.09.11 to 18.09.11 and stopped from 14.10.11  
Kiln-4 Cement plant was shutdown from 19.10.11 to 26.10.11 and started from 27.10.11  
TPP -1 Power plant was shutdown from 12.08.11 to 14.10.2011 and started from 15.10.11  
TPP -2 Power plant was shutdown from 20.10.11 to 26.10.11 and started from 27.10.11  
TPP -3 Power plant was shutdown from 18.10.11

Thanking You,

Yours faithfully,  
For Vasavadatta Cement,  
For Kesoram Inds., Ltd.,  
  
(C.K.Jain)  
Joint President (Engg & Power Plant)

Encl: as above

Cc: Environmental officer,  
Karnataka State Pollution Control Board (Regional office),  
1<sup>ST</sup> Floor, Gulbarga Development Authority Building,  
Near Sardar Vallabhai Patel Chowk,  
GULBARGA-585 102

- 1) Name of the Unit : VASAVADATTA CEMENT-SEDAM  
 2) Combined Clinker Capacity of Line- I, II, III & IV :5.67 MTPA

- 4) Validity of Consent : Applied for renewal  
 5) Month : October 2011

Combined Cement Production Line- I, II, III & IV: 8.565 MTPA

- 3) Raw Materials / T of product : Lime Stone : ----- 1.1647 Total Clinker Production for October 2011: 2, 67,320 MT  
 (For Line - I, II, III & IV Cement Plant) : Fly Ash : ----- 0.1369 Total Cement Production for October 2011: 3,07,750 MT  
 : Additive : ----- 0.0693  
 : Gypsum : ----- 0.02919  
 : Coal (Fuel) : ----- 0.1066

Sl No.	Source	Dia. of Chimney in meters.	Chimney ht in (mtrs.)		APC Equipment		Monitoring date	Time	Emission rate m3 / Hr		Emission level mg / Nm3	
			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	11.10.11	08.30 AM	42000	150	15526	70
2.	Raw mill hopper	0.70	28.9	28.9	-do-	-do-	NR		17000	NR	150	NR
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-			18300		150	
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-			5500		150	
5.	Fine Coal Silo.	0.50	39.5	39.5	-do-	-do-			6500		150	
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-			6500		150	
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-			20000		150	
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	11.10.11	02:00 PM	10800	9156	150	57

**LINE - I**

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Format No. FP - 036  
Month: October 2011

Sl No.	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring date	Time	Emission rate m3 / Hr		Emission level mg / Nm3	
			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	11.10.11	02:40 PM	15500	10003	150	46
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	14.10.11	02:15 PM	25000	17855	150	65
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	NR	NR	25000	NR	150	NR
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	NR	NR	350000	NR	150	NR
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	NR	NR	63800	NR	150	NR
14.	Kiln / Raw Mill	3.00	80.2	80.2	ESP	ESP	NR	NR	330000	NR	150	NR
15.	Cement Mill	1.50	49.0	49.0	ESP	ESP	11.10.11	03:35 PM	57000	40867	150	61

**LINE – I**

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Format No. FP-036  
Month: October 2011

Sl No	Dust Load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
1.	0.98								Process Inter lock
2.	-								-do-
3.	-								-do-
4.	-								-do-
5.	-								-do-
6.	-								-do-
7.	-								-do-
8.	0.48								-do-
9.	0.42								-do-
10.	1.03								-do-
11.	-								-do-
12.	-								-do-
13.	-								-do-
14.	-	Format No. FP-037 enclosed.							-do-
15.	2.01	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 : Applied for renewal |
| 2. Production capacity          | : Ref. Page 1 of 22          | 5) Month : October 2011                      |
| 3. Raw Materials / T of product | : Ref. Page 1 of 22          |  |

Sl. No	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			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	15.10.11	08.30 AM	25000	17244	150	55
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	14.10.11	04.00 PM	20000	12,648	150	58
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	02.00 PM	14000	9421	150	56
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	17.10.11	09:35 AM	12000	5531	150	46
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	02:45 PM	50000	31792	150	70
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	11:20 AM	12000	7295	150	51

**LINE - II**

Format No. FP-036  
Month: October 2011

Sl No	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			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	20.10.11	02:05 PM	25000	17082	150	49
23.	Packer M/C-II	0.80	33.00	33.00	„	„	-do-	03:00 PM	25000	17244	150	57
24.	Packer M/C-III	0.80	33.00	33.00	„	„	19.10.11	08:15 AM	25000	18468	150	72
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	20.10.11	03:45 PM	25000	17496	150	55
26.	Cement Silo-I	0.40	41.50	41.50	„	„	17.10.11	08:30 AM	6000	4608	150	70
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	03:00 PM	6000	4198	150	64

**LINE - II**

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Month: October 2011

Sl No	Source	Dia. of chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			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	20.10.11	05:00 PM	6000	4176	150	62
29.	Raw Mill / Kiln	3.50	100.00	100.00	ESP	ESP	14.10.11	02.55 PM	6,50,000	602722	150	67
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	-do-	04.50 PM	4,60,000	414157	150	61
31.	Cement Mill	1.40	52.00	52.00	ESP	ESP	17.10.11	02:00 PM	1,00,000	70722	150	60
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	15.10.11	09.30 AM	1,25,000	97891	150	59

**LINE-II**

Sl No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks	
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)							
	14	15	16	17	18	19	20	21	22	
16.	0.88								Process Inter lock	
17.	0.68								-do-	
18.	0.49								-do-	
19.	0.23								-do-	
20.	1.81								-do-	
21.	0.34								-do-	
22.	0.77								-do-	
23.	0.90								-do-	
24.	1.23								-do-	
25.	0.86								-do-	
26.	0.27								-do-	
27.	0.22								-do-	
28.	0.22								-do-	
29.	32.83	Format No FP – 037 enclosed								-do-
30.	14.44								-do-	
31.	3.58	Format No. FP-037 enclosed.								-do-
32.	4.83								-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**

Format No. FP - 036

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM**
2. Production Capacity of Power Plant in MW : **TPP # 1, 15.7** (Peak capacity 16.2)
3. Raw Materials Consumption : Coal: 0.89 kg/kwh  
**TPP#2, 9.5 MW, Coal: 0.89 kg/kwh**
- 4) Validity of Consent : Applied for renewal
- 5) Month : October 2011

Sl No	Source	Dia. of Chimney in mts.	Chimney height (in mtrs.)		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
33.	Boiler 70 TPH	1.85	75	75	ESP	ESP	15.11.11	10:20 AM	140508	98629	150	48
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	-do-	02:05 PM	20000	10008	150	52
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	15.11.11	11.15 AM	91919	72908	150	52

**THERMAL POWER PLANT**

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Format No FP-036  
Month: October 2011

Sl. No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
33.	4.03	Format No-FP-037 enclosed							Process Inter lock
34.	0.49								-do-
35.	--								-do-
36.	3.17								

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**LINE - III**

- |                                 |                              |                        |                       |
|---------------------------------|------------------------------|------------------------|-----------------------|
| 1. Name of the Unit             | : VASAVADATTA CEMENT – SEDAM | 4) Validity of Consent | : Applied for renewal |
| 2. Production capacity          | : Ref. Page 1 of 22          | 5) Month               | : October 2011        |
| 3. Raw Materials / T of product | : Ref. Page 1 of 22          |                        |                       |

Sl. No	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			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	07.10.11	09:30 AM	9,25,560	888862	150	43
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	11:40 AM	5,71,428	533252	150	37
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	08:15 AM	1,75,000	142927	150	41
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	-do-	11:40 AM	1,00,000	76507	150	44
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	-do-	03:00 PM	63000	43447	150	42

**LINE-III**

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Month: October 2011

Sl No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
37	29.74								Process Inter lock
38	11.70								-do-
39	4.82								-do-
40	2.85								-do-
41	1.72								-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-3

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Format No. FP - 036

- |   |                                     |   |
|---|-------------------------------------|---|
| 1. Name of the Unit                         | : <b>VASAVADATTA CEMENT – SEDAM</b> | 4) Validity of Consent: Applied for renewal |
| 2. Production Capacity of Power Plant in MW | : TPP # 3, 18 MW                    | 5) Month : October 2011                     |
| 3. Raw Materials Consumption                | : Coal : 0.88 kg/kwh                |   |

Sl No	Source	Dia. of Chimney in mts.	Chimney height (in mtrs.)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / hr		Emission level mg/Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	07.10.11	10.35 AM	208152	132085	150	46

# TPP-3

## THERMAL POWER PLANT

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 Month: October 2011

Sl. No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
42	4.86	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 mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / Hr		Emission Level mg / Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
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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Month: October 2011

Sl No	Dust Load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	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 | : Applied for renewal |
| 2. Production capacity          | : Ref. Page 1 of 22          | 5) Month               | : October 2011        |
| 3. Raw Materials / T of product | : Ref. Page 1 of 22          |                        |                       |

Sl. No	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
47.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	10.10.11	09.00 AM	9,25,560	8,93,970	50	36
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	02.10 PM	5,71,428	5,42,774	50	37
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	02.05 PM	1,75,000	1,45,676	50	35
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	-do-	11:30 AM	1,00,000	76507	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	---	---	---

**LINE-IV**

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Month: October 2011

Sl No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
47	26.50								Process Inter lock
48	12.62								-do-
49	4.19								-do-
50	2.31								-do-
51	-								---

\*\* 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-4

- |   |                                     |   |
|---|-------------------------------------|---|
| 1. Name of the Unit                         | : <b>VASAVADATTA CEMENT – SEDAM</b> | 4) Validity of Consent: Applied for renewal |
| 2. Production Capacity of Power Plant in MW | : TPP # 4, 18 MW                    | 5) Month : October 2011                     |
| 3. Raw Materials Consumption                | : Coal : 0.88 kg/kwh                |   |

Sl No	Source	Dia. of Chimney in mts.	Chimney height (in mtrs.)		APC Equipment		Monitoring date	Time	Emission Rate m3 / hr		Emission level mg/Nm3	
			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	10.10.11	10:00 AM	2,81,000	132085	150	38

# TPP-4

## THERMAL POWER PLANT

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Month: October 2011

Sl. No	Dust load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	14	15	16	17	18	19	20	21	22
52	4.00	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)**

Sl. No	Source	Dia. of Chimney in mts.	Chimney height in (mtrs.)		APC Equipment		Monitoring Date	Time	Emission Rate m3 / Hr		Emission Level mg / Nm3	
			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)**

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Month: October 2011

Sl No	Dust Load Kg / Hr	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month ( Hrs )	Actual concentration when tripped	Dust load in Kgs / Day during failure.	Total dust in Kgs / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day ( Hrs.)						
	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  
 Oct-11

PAGE NO 22 OF 28  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	9:40 AM	9:20 AM	45	12.1	10.2	-	W	
2	07.10.11 to 08.10.11	6 & 7	8:55 AM	8:40 AM	50	12.5	10.6	-	W	
3	10.10.11 to 11.10.11	2 & 3	8:40 AM	8:25 AM	40	13.5	11.8	-	W	
4	14.10.11 to 15.10.11	6 & 7	9:15 AM	9:00 AM	51	13.9	11.2	-	N	
5	17.10.11 to 18.10.11	2 & 3	9:40 AM	9:35 AM	40	13.6	9.8	-	W	
6	21.10.11 to 22.10.11	6 & 7	9:35 AM	9:20 AM	39	14.6	11.8	-	W	
7	24.10.11 to 25.10.11	2 & 3	9:20 AM	9:00 AM	42	13.9	10.5	-	W	
8	28.10.11 to 29.10.11	6 & 7	8:30 AM	8:30 AM	40	14.4	10.9		W	
24 Hourly Average.										

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

VASAVADATTA CEMENT SEDAM  
 SEDAM TOWN  
 Oct-11

PAGE NO. 23 OF 28  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>		
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	-	-	-	-	-	-	W	
2	07.10.11 to 08.10.11	6 & 7	9:20 AM	-	-	-	-	-	W	
3	10.10.11 to 11.10.11	2 & 3	-	-	-	-	-	-	W	
4	14.10.11 to 15.10.11	6 & 7	-	-	-	-	-	-	N	
5	17.10.11 to 18.10.11	2 & 3	-	-	-	-	-	-	W	
6	21.10.11 to 22.10.11	6 & 7	10.00 AM	-	-	-	-	-	W	
7	24.10.11 to 25.10.11	2 & 3	-	-	-	-	-	-	W	
8	28.10.11 to 29.10.11	6 & 7	-	-	-	-	-	-	W	
24 Hourly Average.										

There is no accessibility for AAQ station

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

VASAVADATTA CEMENT SEDAM  
 DAIRY FARM  
 Oct-11

PAGE NO 24 of 28  
 FORMAT NO FP-036 ANNEXURE-V  
 ANNEXURE - V  
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	9:55 AM	9:40 AM	50	13.5	10.5	-	W	
2	07.10.11 to 08.10.11	6 & 7	9:10 AM	9:00 AM	56	14.5	11.8	-	W	
3	10.10.11 to 11.10.11	2 & 3	9:00 AM	8:55 AM	50	13.5	10.3	-	W	
4	14.10.11 to 15.10.11	6 & 7	8:50 AM	8:35 AM	50	15.6	10.4	-	N	
5	17.10.11 to 18.10.11	2 & 3	9:30 AM	9:20 AM	49	18.5	11.5	-	W	
6	21.10.11 to 22.10.11	6 & 7	9:20 AM	9:05 AM	56	15.8	11.8	-	W	
7	24.10.11 to 25.10.11	2 & 3	9:35 AM	9:25 AM	45	16.1	10.5	-	W	
8	28.10.11 to 29.10.11	6 & 7	8:45 AM	8:40 AM	41	15.8	11.2	-	W	
24 Hourly Average.										

NAME OF UNIT

VASAVADATTA CEMENT, SEDAM

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LOCATION OF A.A.Q.M STATION.

MINES

FORMAT NO FP-036

MONTH

SUBSTATION

ANNEXURE - V

WEEK NO.

Oct-11

WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	9:20 AM	9:10 AM	52	12.5	10.2	-	W	
2	07.10.11 to 08.10.11	6 & 7	10:30 AM	10:20 AM	56	14.4	12.5	-	W	
3	10.10.11 to 11.10.11	2 & 3	9:30 AM	9:15 AM	50	12.8	10.2	-	W	
4	14.10.11 to 15.10.11	6 & 7	10:00 AM	9:45 AM	55	12.9	10.4	-	N	
5	17.10.11 to 18.10.11	2 & 3	9:10 AM	9:00 AM	60	14.5	12.0	-	W	
6	21.10.11 to 22.10.11	6 & 7	9:05 AM	8:55 AM	59	15.6	10.8	-	W	
7	24.10.11 to 25.10.11	2 & 3	9:00 AM	8:50 AM	49	16.5	11.2	-	W	
8	28.10.11 to 29.10.11	6 & 7	9:35 AM	9:25 AM	50	15.6	10.5	-	W	
24 Hourly Average.										

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

VASAVADATTA CEMENT, SEDAM  
 LOAD CENTRE (Near TPP)  
 Oct-11

PAGE NO 26 of 28  
 FORMAT NO FP-036  
 ANNEXURE -V  
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	8:50 AM	8:35 AM	55	14.4	11.8	-	W	
2	07.10.11 to 08.10.11	6 & 7	10:10 AM	10:00 AM	52	14.5	11.8	-	W	
3	10.10.11 to 11.10.11	2 & 3	9:55 AM	9:40 AM	59	13.9	10.8	-	W	
4	14.10.11 to 15.10.11	6 & 7	10:20 AM	10:05 AM	50	13.5	10.5		N	
5	17.10.11 to 18.10.11	2 & 3	8:55 AM	8:45 AM	49	16.1	12.5	-	W	
6	21.10.11 to 22.10.11	6 & 7	8:50 AM	8:35 AM	50	16.1	11.1	-	W	
7	24.10.11 to 25.10.11	2 & 3	8:40 AM	8:25 AM	59	15.4	11.2	-	W	
8	28.10.11 to 29.10.11	6 & 7	9:50 AM	9:35 AM	59	13.4	10.5	-	W	
24 Hourly Average.										

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

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN  
 Oct-11

PAGE NO 27 OF 28  
 FORMAT NO FP-036  
 ANNEXURE - V  
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m3				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	NOX	SO <sub>2</sub>	PM <sub>2.5</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.10.11 to 04.10.11	2 & 3	10:25 AM	10:10 AM	54	14.2	10.1	-	W	
2	07.10.11 to 08.10.11	6 & 7	9:40 AM	9:30 AM	60	15.3	11.8	-	W	
3	10.10.11 to 11.10.11	2 & 3	10:25 AM	10:00 AM	50	13.5	10.5	-	W	
4	14.10.11 to 15.10.11	6 & 7	9:40 AM	9:20 AM	50	13.5	11.0	-	N	
5	17.10.11 to 18.10.11	2 & 3	10:15 AM	10:10 AM	54	16.2	11.2		W	
6	21.10.11 to 22.10.11	6 & 7	9:55 AM	9:45 AM	56	14.8	10.5	-	W	
7	24.10.11 to 25.10.11	2 & 3	10:00 AM	9:50 AM	52	16.8	11.5	-	W	
8	28.10.11 to 29.10.11	6 & 7	9:10 AM	9:00 AM	55	15.9	10.8	-	W	
24 Hourly Average.										

## FLY ASH UTILIZATION PROFORMA

SI 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 / NTPC Ramagundam /Parli	Bricks	Cement Industries		Others	M/s VC	RTPS / NTPC Ramagundam/ parli	M/s VC			RTPS / NTPC Ramagundam / parli
						M/s VC	RTPS / NTPC Ramagundam /parli							
1.	M/s Vasavadatta Cement Sedam	Average 15.7 MW 9.5 MW, 18 MW & 18 MW coal based Thermal power plant	63587 + 8773	208928 + 32762		63587 + 8773	204770 + 33,377		63587 + 8773	204770 + 33,377	-	3543	100 % for VC Ash includes Bed ash also.	Values for the month from April 2011 to Oct. 2011
			72,360	2,41,690		72,360	2,38,147		72,360	2,38,147				

**LINE-1**

a.) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

b.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

**LINE-II**

a) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

b) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

**POWER PLANT (TPP # 1)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

**POWER PLANT (TPP # 2)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

**LINE-III**

a.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

b.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

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Format No. FP-037.

**POWER PLANT (TPP # 3)**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

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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 OCTOBER 2011.

---

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

---

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

---

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Format No. FP-037.

**POWER PLANT (TPP # 4 )**

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF OCTOBER 2011.

---

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

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