

**Through:** Courier Service

Date: October 18, 2011

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

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 September-2011.

Kiln -1 Cement plant was shutdown from 03.04.11.

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 28.07.11 to 04.09.11 and started from 05.09.11

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 29.04.11 to 13.08.11 and started from 14.08.11

TPP -3 Power plant was shutdown from 16.10.11

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 : September 2011

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

- 3) Raw Materials / T of product : Lime Stone : ----- 1.1686 Total Clinker Production for September 2011: 2, 39,460 MT  
 (For Line - I, II, III & IV Cement Plant) : Fly Ash : ----- 0.1322 Total Cement Production for September 2011: 2,98,320 MT  
 : Additive : ----- 0.0677  
 : Gypsum : ----- 0.0323  
 : Coal (Fuel) : ----- 0.1362

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	NR		42000	NR	150	NR
2.	Raw mill hopper	0.70	28.9	28.9	-do-	-do-			NR		17000	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-	13.09.11	11:20 AM	10800	9184	150	55

**LINE - I**

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Format No. FP - 036  
Month: September 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
9.	Cement Silo	050x0.45	40.0	40.0	Pulse Jet bag filter	Pulse Jet bag filter	13.09.11	02:00 PM	15500	9776	150	51
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	14.09.11	04:00 PM	25000	18415	150	67
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	13.09.11	02:45 PM	57000	38586	150	69

**LINE – I**

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.	-								Process Inter lock
2.	-								-do-
3.	-								-do-
4.	-								-do-
5.	-								-do-
6.	-								-do-
7.	-								-do-
8.	0.46								-do-
9.	0.44								-do-
10.	1.09								-do-
11.	-								-do-
12.	-								-do-
13.	-								-do-
14.	-	Format No. FP-037 enclosed.							-do-
15.	2.20	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

- |                                 |                              |                        |                       |
|---------------------------------|------------------------------|------------------------|-----------------------|
| 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               | : September 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 m <sup>3</sup> / Hr		Emission Level mg / Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided	Stipulated	Provided
1	2	3	4	5	6	7	8	9	10	11	12	13
16.	Raw mill hopper & weigh feeders	0.80	36.00	36.00	Pulse jet bag filter	Pulse jet bag filter	05.09.11	08.25 AM	25000	17532	150	62
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	-do-	11.35 AM	20000	13,201	150	48
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	09.30 AM	14000	9816	150	52
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	07.09.11	08:00 AM	12000	5454	150	45
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	02:45 PM	50000	30012	150	78
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	03:30 PM	12000	7204	150	46

**LINE - II**

Format No. FP-036  
Month: September 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	12.09.11	02:00 PM	25000	17154	150	47
23.	Packer M/C-II	0.80	33.00	33.00	„	„	-do-	02:40 PM	25000	17388	150	60
24.	Packer M/C-III	0.80	33.00	33.00	„	„	-do-	03:35 PM	25000	18990	150	57
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	14.09.11	02:30 PM	25000	17730	150	56
26.	Cement Silo-I	0.40	41.50	41.50	„	„	06.09.11	01:45 PM	6000	4608	150	58
27.	Cement Silo-II	0.40	41.50	41.50	„	„	07.09.11	11.30 AM	6000	4311	150	49

**LINE - II**

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Month: September 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	06.09.11	05:20 PM	6000	4234	150	48
29.	Raw Mill / Kiln	3.50	100.00	100.00	ESP	ESP	05.09.11	10.20 AM	6,50,000	595794	150	73
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	-do-	02.00 PM	4,60,000	408654	150	58
31.	Cement Mill	1.40	52.00	52.00	ESP	ESP	07.09.11	04:15 PM	1,00,000	69621	150	59
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	05.09.11	03.05 PM	1,25,000	95990	150	65

**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.	1.01								Process Inter lock	
17.	0.58								-do-	
18.	0.48								-do-	
19.	0.23								-do-	
20.	1.96								-do-	
21.	0.31								-do-	
22.	0.74								-do-	
23.	0.96								-do-	
24.	0.99								-do-	
25.	0.89								-do-	
26.	0.22								-do-	
27.	0.18								-do-	
28.	0.17								-do-	
29.	36.06	Format No FP – 037 enclosed								-do-
30.	13.90								-do-	
31.	3.45	Format No. FP-037 enclosed.								-do-
32.	5.16								-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: -- kg/kwh  
**TPP#2, 9.5 MW, Coal: 0.88 kg/kwh**
- 4) Validity of Consent : Applied for renewal
- 5) Month : September 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	07.09.11	09:00 AM	140508	98146	150	36
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	-do-	02:10 PM	20000	10598	150	49
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	07.09.11	10.00 AM	91919	78323	150	45

**THERMAL POWER PLANT**

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Format No FP-036  
Month: September 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.	3.02	Format No-FP-037 enclosed							Process Inter lock
34.	0.48								-do-
35.	--								-do-
36.	2.86								

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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               | : September 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	20.09.11	10:15 AM	9,25,560	888862	150	39
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	11:30 AM	5,71,428	520555	150	35
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	09:00 AM	1,75,000	142927	150	36
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	-do-	03:00 PM	1,00,000	74844	150	37
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	-do-	08:15 AM	63000	44210	150	42

**LINE-III**

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Month: September 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	27.11								Process Inter lock
38	10.78								-do-
39	4.19								-do-
40	2.30								-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 : September 2011                   |
| 3. Raw Materials Consumption                | : Coal : 0.87 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		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	20.09.11	02.00 PM	208152	132595	150	35

# TPP-3

## THERMAL POWER PLANT

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 Format No FP-036  
 Month: September 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	3.72	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: September 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               | : September 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	24.09.11	09.00 AM	9,25,560	8,88,862	50	35
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	02.10 PM	5,71,428	5,20,555	50	35
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	09.50 AM	1,75,000	1,42,927	50	38
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	-do-	11:00 AM	1,00,000	74844	50	34
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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Format No. FP-036  
Month: September 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	24.49								Process Inter lock
48	10.78								-do-
49	4.50								-do-
50	2.13								-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

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- |   |                                     |   |
|---|-------------------------------------|---|
| 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 : September 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		
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	24.09.11	03:15 PM	2,81,000	132595	150	32

## TPP-4

### THERMAL POWER PLANT

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Month: September 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	3.43	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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Format No. FP – 036  
Month: September 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  
 Sep-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	02.09.11 to 03.09.11	6 & 7	9:00 AM	8:50 AM	43	12.7	10.6	-	W	
2	05.09.11 to 06.09.11	2 & 3	9:05 AM	8:50 AM	44	11.8	9.7	-	W	
3	09.09.11 to 10.09.11	6 & 7	10:05 AM	9:45 AM	41	12.8	10.5	-	NW	
4	12.09.11 to 13.09.11	2 & 3	8:40 AM	8:30 AM	47	13.1	10.5	-	NW	
5	16.09.11 to 17.09.11	6 & 7	9:10 AM	9:00 AM	50	12.4	10.1	-	NW	
6	19.09.11 to 20.09.11	2 & 3	9:45 AM	9:35 AM	49	13.5	11.2	-	NNW	
7	23.09.11 to 24.09.11	6 & 7	8:50 AM	8:45 AM	46	12.9	10.4	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	9:30 AM	9:20 AM	47	13.8	11.5		NNW	
24 Hourly Average.										

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

VASAVADATTA CEMENT SEDAM  
 SEDAM TOWN  
 Sep-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	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	02.09.11 to 03.09.11	6 & 7	9:50 AM	-	-	-	-	-	W	
2	05.09.11 to 06.09.11	2 & 3	-	-	-	-	-	-	W	
3	09.09.11 to 10.09.11	6 & 7	-	-	-	-	-	-	NW	
4	12.09.11 to 13.09.11	2 & 3	-	-	-	-	-	-	NW	
5	16.09.11 to 17.09.11	6 & 7	-	-	-	-	-	-	NW	
6	19.09.11 to 20.09.11	2 & 3	-	-	-	-	-	-	NNW	
7	23.09.11 to 24.09.11	6 & 7	-	-	-	-	-	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	10.15 AM	-	-	-	-	-	NNW	
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  
 Sep-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	02.09.11 to 03.09.11	6 & 7	9:55 AM	9:40 AM	49	12.8	10.8	-	W	
2	05.09.11 to 06.09.11	2 & 3	9:10 AM	9:00 AM	52	13.5	11.0	-	W	
3	09.09.11 to 10.09.11	6 & 7	9:00 AM	8:55 AM	54	12.8	10.5	-	NW	
4	12.09.11 to 13.09.11	2 & 3	8:50 AM	8:35 AM	50	13.5	11.2	-	NW	
5	16.09.11 to 17.09.11	6 & 7	9:30 AM	9:20 AM	46	12.7	10.5	-	NW	
6	19.09.11 to 20.09.11	2 & 3	9:20 AM	9:05 AM	51	13.1	10.8	-	NNW	
7	23.09.11 to 24.09.11	6 & 7	9:35 AM	9:25 AM	58	12.8	10.9	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	8:45 AM	8:50 AM	45	11.9	10.0	-	NNW	
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.

Sep-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	02.09.11 to 03.09.11	6 & 7	10:05 AM	9:50 AM	52	14.8	13.0	-	W	
2	05.09.11 to 06.09.11	2 & 3	8:45 AM	8:35 AM	54	13.1	11.6	-	W	
3	09.09.11 to 10.09.11	6 & 7	9:35 AM	8:50 AM	50	15.2	13.5	-	NW	
4	12.09.11 to 13.09.11	2 & 3	9:45 AM	9:30 AM	53	12.8	10.9	-	NW	
5	16.09.11 to 17.09.11	6 & 7	8:55 AM	8:45 AM	57	14.2	12.5	-	NW	
6	19.09.11 to 20.09.11	2 & 3	9:15 AM	9:00 AM	53	12.5	10.5		NNW	
7	23.09.11 to 24.09.11	6 & 7	9:45 AM	9:25 AM	48	13.6	11.6	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	9:15 AM	9:05 AM	49	13.9	12.1	-	NNW	
24 Hourly Average.										

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

VASAVADATTA CEMENT, SEDAM  
 LOAD CENTRE (Near TPP)  
 Sep-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	02.09.11 to 03.09.11	6 & 7	8:50 AM	8:35 AM	54	13.3	11.0	-	W	
2	05.09.11 to 06.09.11	2 & 3	10:00 AM	10:00 AM	52	13.0	10.9	-	W	
3	09.09.11 to 10.09.11	6 & 7	9:55 AM	9:40 AM	58	12.5	10.7	-	NW	
4	12.09.11 to 13.09.11	2 & 3	10:20 AM	10:05 AM	50	13.5	11.6		NW	
5	16.09.11 to 17.09.11	6 & 7	8:55 AM	8:45 AM	49	13.5	11.2	-	NW	
6	19.09.11 to 20.09.11	2 & 3	8:50 AM	8:35 AM	51	13.4	11.5	-	NNW	
7	23.09.11 to 24.09.11	6 & 7	8:40 AM	8:25 AM	56	13.8	11.5	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	9:50 AM	9:35 AM	55	13.5	11.3	-	NNW	
24 Hourly Average.										

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

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN  
 Sep-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	02.09.11 to 03.09.11	6 & 7	10:25 AM	10:10 AM	50	12.5	10.6	-	W	
2	05.09.11 to 06.09.11	2 & 3	9:40 AM	9:30 AM	56	12.8	11.0	-	W	
3	09.09.11 to 10.09.11	6 & 7	10:25 AM	10:00 AM	52	12.5	10.2	-	NW	
4	12.09.11 to 13.09.11	2 & 3	9:40 AM	9:20 AM	48	12.8	11.0	-	NW	
5	16.09.11 to 17.09.11	6 & 7	10:15 AM	10:10 AM	49	12.9	10.5	-	NW	
6	19.09.11 to 20.09.11	2 & 3	9:50 AM	9:40 AM	55	12.9	10.7	-	NNW	
7	23.09.11 to 24.09.11	6 & 7	10:00 AM	9:50 AM	51	13.5	11.0	-	NNW	
8	26.09.11 to 27.09.11	2 & 3	9:10 AM	9:00 AM	52	12.5	10.8	-	NNW	
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	55007 + 8580	179749 + 29,179		55007 + 8580	173909 + 30,861		55007 + 8580	173909 + 30,861	-	4158	100 % for VC Ash includes Bed ash also.	Values for the month from April 2011 to Septemb er. 2011
			63,587	2,08,928		63,587	2,04,770		63,587	2,04,770				

**LINE-1**

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

---

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

---

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

---

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

---

**LINE-II**

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

---

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

---

---NIL---

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

---

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

---

---NIL---

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**POWER PLANT (TPP # 1)**

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

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

---

**POWER PLANT (TPP # 2)**

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

---

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

---

**LINE-III**

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

---

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

---

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

---

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

---

**LINE-IV**

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

---

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

---

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

---

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

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