

Through: Courier Service

Ref: VC: WS: ENV: HMO: 2018-19: F10:

Date:14/07/2018

To
The Environmental officer,
Karnataka State Pollution Control Board,
#101, F-Block, Green Park, KHB,
Near Chor Gumbaz,
Ring road, Kalaburagi- 585 105.

Respected 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 June -2018.

Kiln-II was stopped from 06.05.2018

TPP-II was started from 29.05.2018 and stopped from 04.06.2018.

TPP-III was stopped from 05.06.2018.

For Vasavadatta Cement,

For Kesoram Inds., Ltd.,
CIN of KIL- L17119WB1919PLC003429



(Dr.Chander Kumar Jain)
Head Manufacturing Operations

Cc:

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

o/c => ENV. DEPT

- 1) Name of the Unit : VASAVADATTA CEMENT-SEDAM 4) Validity of Consent: 30.06.2021.
 2) Combined Clinker Capacity of Line- I, II, III & IV : 6.0 MTPA 5) Month : June-2018
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.136 Total Clinker Production for June-2018: 3, 57,100 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.026 Total Cement Production for June-2018: 4, 08,790 MT
 Lime stone : Additive : 0.0743 Petcoke consumption for June-2018: 7746.555 MT
 : Gypsum : 0.023
 : Coal (Fuel) : 0.122
 : Shale : 0.019
 : Fly Ash : 0.120

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	30	N.R
2.	Raw mill hopper	0.70	28.9	28.9	-do-	-do-	06.06.2018	03.00 PM	17000	11642	30	30
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	05.06.2018	02.45 PM	18300	18199	30	29
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	-do-	03.55 PM	5500	5164	30	29
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	06.06.2018	08.45 AM	6500	5172	30	29
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	-do-	11.35 AM	6500	4694	30	26
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	05.06.2018	11.45 AM	20000	10955	30	30
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	04.06.2018	11.25 AM	10800	9099	30	28

LINE - I

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Format No. FP - 036
Month: June-2018

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	04.06.2018	10.15 AM	15500	7824	30	29
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	18.06.2018	02.45 PM	25000	17060	30	27
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	-do-	03.50 PM	25000	18867	30	28
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	05.06.2018	10.40 AM	350000	270872	30	30
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	06.06.2018	08.45 AM	63800	56528	30	27
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	05.06.2018	09.10 AM	330000	265748	30	24
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	04.06.2018	8.30 AM	57000	52018	30	27

LINE – I

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Month: June-2018

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.	0.31								-do-	
3.	0.49								-do-	
4.	0.13								-do-	
5.	0.13								-do-	
6.	0.11								-do-	
7.	0.29								-do-	
8.	0.22								-do-	
9.	0.21								-do-	
10.	0.42								-do-	
11.	0.47								-do-	
12.	5.17								-do-	
13.	1.28								-do-	
14.	5.73	Format No. FP-037 enclosed.								-do-
15.	1.19	Format No. FP-037 enclosed.								-do-

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipments date, time of tripping/failure, duration, reason for failure and connected details should be reported.

LINE - II

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Format No. FP-036
Month: June-2018

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	25.06.2018	09.40 AM	25000	16578	30	28
23.	Packer M/C-II	0.80	33.00	33.00	„	„	-do-	10.50 AM	25000	13392	30	28
24.	Packer M/C-III	0.80	33.00	33.00	„	„	26.06.2018	02.40 PM	25000	14850	30	29
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	27.06.2018	10.30 AM	25000	13393	30	30
26.	Cement Silo-I	0.40	41.50	41.50	„	„	N.R	N.R	6000	4887	30	N.R
27.	Cement Silo-II	0.40	41.50	41.50	„	„	N.R	N.R	6000	4491	30	N.R

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	N.R	N.R	6000	4887	30	N.R
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	N.R	N.R	6,50,000	N.R	30	N.R
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	N.R	N.R	4,60,000	N.R	30	N.R
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	N.R	N.R	1,00,000	66,316	30	N.R
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	N.R	N.R	1,25,000	N.R	30	N.R

LINE-II

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Month: June-2018

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.	N.R								Process Inter lock	
17.	N.R								-do-	
18.	N.R								-do-	
19.	N.R								-do-	
20.	N.R								-do-	
21.	N.R								-do-	
22.	0.43								-do-	
23.	0.34								-do-	
24.	0.39								-do-	
25.	0.37								-do-	
26.	N.R								-do-	
27.	N.R								-do-	
28.	N.R								-do-	
29.	N.R	Format No FP – 037 enclosed								-do-
30.	N.R								-do-	
31.	N.R	Format No. FP-037 enclosed.								-do-
32.	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.

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 : June-2018
 3. Raw Materials Consumption : Coal: 0.790 Kg/Kwh
TPP # 2, 9.5 MW, Coal: ---- 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	13.06.2018	08.40 AM	1,40,508	91,930	50	36
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	13.06.2018	03.45 PM	20,000	6948	30	29
35.	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	Not running				--	
36.	Boiler 42 TPH	1.90	65	65	ESP	ESP	N.R	N.R	91,919	N.R	50	N.R

THERMAL POWER PLANT

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Month: June-2018

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.	2.57	Format No-FP-037 enclosed							Process Inter lock
34.	0.19								-do-
35.	-								---
36.	-								-do-

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LINE - III

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2021.
 2. Production capacity : Ref. Page 1 of 22 5) Month : June-2018
 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 / 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	14.06.2018	10.45 AM	9,25,560	4,92,961	30	28
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	08.40 AM	5,71,428	3,47,566	30	29
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	02.30 PM	1,75,000	1,06,737	30	28
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	11.06.2018	08.35 AM	1,00,000	55,239	30	28
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	12.06.2018	10.35 AM	63,000	44,019	30	29

LINE-III

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Month: June-2018

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	9.55								Process Inter lock
38	5.85								-do-
39	2.52								-do-
40	1.32								-do-
41	1.20								-do-

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TPP-III

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 3, 18 MW 5) Month : June-2018
 3. Raw Materials Consumption : Coal:---- 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	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	N.R	N.R	2,08,152	-	50	-

TPP-III

THERMAL POWER PLANT

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Month: June-2018

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	--	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

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Month: June-2018

Sl No	Dust Load Kg / H	Failure of Equipments		Total No. of times tripped in the month	Total duration of tripping in the month (H)	Actual concentration when tripped	Dust load in Kg / Day during failure.	Total dust in Kg / month during failure	Remarks
		No of times tripped in a day **	Duration of tripping in a day (H)						
	14	15	16	17	18	19	20	21	22
43	----								----
44	----								----
45	----								----
46	----								----

** Separate annexure should be enclosed giving complete details of tripping / break downs of all the other pollution control equipments date, time of tripping/failure, duration, reason for failure and connected details should be reported.

LINE - IV

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2021.
 2. Production capacity : Ref. Page 1 of 22 5) Month : June-2018
 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 / 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	21.06.2018	02.30 PM	9,25,560	7,15,176	30	25
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	10.45 AM	5,71,428	3,69,785	30	30
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	11.45 AM	1,75,000	1,15,899	30	28
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	22.06.2018	08.45 AM	1,00,000	64,643	30	26
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	--	--

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	12.66								Process Inter lock
48	7.75								-do-
49	2.94								-do-
50	1.39								-do-
51	N.R								---

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TPP-IV

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 4, 18 MW 5) Month : June-2018
 3. Raw Materials Consumption : Coal: 0.760 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	13.06.2018	10.45 AM	2,81,000	1,34,971	50	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	3.72	Format No- FP-037 enclosed							Process Inter lock

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DG SETS (TPP-IV)

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m ³ / H		Emission Level mg / Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
53.	Boiler 80 TPH 380 KVA DG set	0.136	5.20	5.20	Chimney	Chimney	Not run as there was no power failure		3786	---	---	---

DG SETS (TPP-IV)

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Month: June-2018

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	----								---

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TPP-V

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 5, 18 MW 5) Month : June-2018
 3. Raw Materials Consumption : Coal: 0.783 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	13.06.2018	02.30 PM	2,81,000	1,26,313	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	3.72	Format No-FP-037 enclosed							Process Inter lock

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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	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	----								---

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

VASAVADATTA CEMENT, SEDAM
 STAFF CLUB
 June-2018

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 FORMAT NO FP-036
 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.06.2018 to 02.06.2018	1 & 2	09.45 AM	09.40 AM	66	19	6.05	11.76	NW	
2	04.06.2018 to 05.06.2018	5 & 6	09.40 AM	09.35 AM	65	20	5.48	11.33	W	
3	08.06.2018 to 09.06.2018	1 & 2	10.20 AM	10.15 AM	64	19	4.81	10.53	N	
4	11.06.2018 to 12.06.2018	5 & 6	09.00 AM	08.55 AM	65	24	5.38	11.64	SW	
5	15.06.2018 to 16.06.2018	1 & 2	09.30 AM	09.25 AM	64	23	6.80	11.76	S	
6	18.06.2018 to 19.06.2018	5 & 6	10.15 AM	10.10 AM	64	25	5.04	12.45	SE	
7	22.06.2018 to 23.06.2018	1 & 2	09.40 AM	09.35 AM	65	20	5.30	11.21	E	
8	25.06.2018 to 26.06.2018	5 & 6	09.55 AM	09.50 AM	64	23	4.89	9.34	NE	
9	29.06.2018 to 30.06.2018	1 & 2	09.45 AM	09.40 AM	65	18	5.81	11.40		
	24 Hourly Average.				65	21	5.51	11.27		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 June-2018

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 ANNEXURE - V
 WEEKLY REPORT.

SL.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8		10
1	01.06.2018 to 02.06.2018	1 & 2	-	-	-	-	-	-	NW	
2	04.06.2018 to 05.06.2018	5 & 6	-	-	-	-	-	-	W	
3	08.06.2018 to 09.06.2018	1 & 2	-	-	-	-	-	-	N	
4	11.06.2018 to 12.06.2018	5 & 6	-	-	-	-	-	-	SW	
5	15.06.2018 to 16.06.2018	1 & 2	11.50 AM	11.45 AM	60	21	-	-	S	
6	18.06.2018 to 19.06.2018	5 & 6	-	-	-	-	-	-	SE	
7	22.06.2018 to 23.06.2018	1 & 2	-	-	-	-	-	-	E	
8	25.06.2018 to 26.06.2018	5 & 6	-	-	-	-	-	-	NE	
9	29.06.2018 to 30.06.2018	1 & 2								
	24 Hourly Average.				60	21	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 June-2018

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 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x		
1	2	3	4		5	6	7	8	9	10
1	01.06.2018 to 02.06.2018	1 & 2	10.30 AM	10.25 AM	65	18	5.83	10.99	NW	
2	04.06.2018 to 05.06.2018	5 & 6	10.15 AM	10.10 AM	64	19	5.26	10.56	W	
3	08.06.2018 to 09.06.2018	1 & 2	10.45 AM	10.40 AM	63	18	4.59	9.76	N	
4	11.06.2018 to 12.06.2018	5 & 6	09.40 AM	09.35 AM	64	22	5.16	10.87	SW	
5	15.06.2018 to 16.06.2018	1 & 2	09.50 AM	09.45 AM	65	22	6.58	10.99	S	
6	18.06.2018 to 19.06.2018	5 & 6	10.45 AM	10.40 AM	63	24	4.82	8.68	SE	
7	22.06.2018 to 23.06.2018	1 & 2	10.20 AM	10.15 AM	64	19	5.08	10.44	E	
8	25.06.2018 to 26.06.2018	5 & 6	10.35 AM	10.30 AM	63	22	4.67	8.57	NE	
9	29.06.2018 to 30.06.2018	1 & 2	10.30 AM	10.25 AM	64	17	5.59	10.63		
	24 Hourly Average.				64	20	5.29	10.17		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 June-2018

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 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _x	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	01.06.2018 to 02.06.2018	1 & 2	08.15 AM	08.10 AM	69	22	5.89	12.58	NW	
2	04.06.2018 to 05.06.2018	5 & 6	08.20 AM	08.15 AM	68	23	6.32	13.45	W	
3	08.06.2018 to 09.06.2018	1 & 2	08.50 AM	08.45 AM	67	22	5.65	12.65	N	
4	11.06.2018 to 12.06.2018	5 & 6	08.15 AM	08.10 AM	68	23	6.22	13.76	SW	
5	15.06.2018 to 16.06.2018	1 & 2	08.20 AM	08.15 AM	67	22	7.64	13.88	S	
6	18.06.2018 to 19.06.2018	5 & 6	08.45 AM	08.40 AM	67	23	5.88	11.57	SE	
7	22.06.2018 to 23.06.2018	1 & 2	08.20 AM	08.15 AM	68	23	6.14	13.33	E	
8	25.06.2018 to 26.06.2018	5 & 6	08.25 AM	08.20 AM	67	22	5.73	11.46	NE	
9	29.06.2018 to 30.06.2018	1 & 2	08.15 AM	08.10 AM	68	21	6.65	13.52		
	24 Hourly Average.				68	22	6.24	12.91		

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 June-2018

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 ANNEXURE -V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NOX		
1	2	3	4		5	6	7	8	9	10
1	01.06.2018 to 02.06.2018	1 & 2	09.00 AM	08.55 AM	68	21	8.12	16.35	NW	
2	04.06.2018 to 05.06.2018	5 & 6	09.05 AM	09.00 AM	67	22	7.55	15.92	W	
3	08.06.2018 to 09.06.2018	1 & 2	09.35 AM	09.30 AM	66	21	6.88	15.12	N	
4	11.06.2018 to 12.06.2018	5 & 6	08.40 AM	08.35 AM	67	22	7.45	16.23	SW	
5	15.06.2018 to 16.06.2018	1 & 2	09.05 AM	09.00 AM	66	21	8.87	16.35	S	
6	18.06.2018 to 19.06.2018	5 & 6	09.20 AM	09.15 AM	66	22	7.11	14.04	SE	
7	22.06.2018 to 23.06.2018	1 & 2	08.55 AM	08.50 AM	67	22	7.37	15.80	E	
8	25.06.2018 to 26.06.2018	5 & 6	09.00 AM	08.55 AM	66	21	6.96	13.93	NE	
9	29.06.2018 to 30.06.2018	1 & 2	08.50 AM	08.45 AM	67	20	7.88	15.99		
	24 Hourly Average.				67	21	7.58	15.53		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 June-2018

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 ANNEXURE - V
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m ³				WIND DIRECTION	REMARKS
			FROM	TO	PM ₁₀	PM _{2.5}	SO ₂	NO _X		
1	2	3	4		5	6	7	8	9	10
1	01.06.2018 to 02.06.2018	1 & 2	11.25 AM	11.20 AM	64	17	4.84	10.55	NW	
2	04.06.2018 to 05.06.2018	5 & 6	11.10 AM	11.05 AM	63	18	4.27	10.12	W	
3	08.06.2018 to 09.06.2018	1 & 2	11.20 AM	11.15 AM	62	17	3.60	9.32	N	
4	11.06.2018 to 12.06.2018	5 & 6	10.35 AM	10.30 AM	63	21	5.13	10.39	SW	
5	15.06.2018 to 16.06.2018	1 & 2	10.25 AM	10.20 AM	64	21	6.55	10.51	S	
6	18.06.2018 to 19.06.2018	5 & 6	11.40 AM	11.35 AM	62	23	4.79	13.70	SE	
7	22.06.2018 to 23.06.2018	1 & 2	11.15 AM	11.10 AM	63	18	5.05	9.96	E	
8	25.06.2018 to 26.06.2018	5 & 6	11.30 AM	11.25 AM	62	21	4.64	8.09	NE	
9	29.06.2018 to 30.06.2018	1 & 2	11.25 AM	11.20 AM	63	16	5.56	10.15		
	24 Hourly Average.				63	19	4.94	10.31		

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	ARVS/ Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC	Bricks	Cement Industries		Others	M/s VC	ARVS/ Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC	M/s VC			ARVS/ Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC
						M/s VC	ARVS/ Parli/ Kesoram- BCFC/ 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	15444 + 9151	85391.565 + 36052.44		15444 + 9151	80767.50 + 39853		15444 + 9151	80767.50 + 39853	0.0	823.505	100 % for VC Ash includes Bed ash also.	Apr-18 to June -18
			24595	121444.01		24595	120620.50		24595	120620.50				

LINE-1

a.) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

b.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

LINE-II

a) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

---NIL---

b) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

---NIL---

POWER PLANT (TPP # 1)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

---NIL---

POWER PLANT (TPP # 2)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

LINE-III

a.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

b.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

POWER PLANT (TPP # 3)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

LINE-IV

a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

POWER PLANT (TPP # 4)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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

POWER PLANT (TPP # 5)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JUNE-2018.

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