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17/3/18

1126

KESORAM
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Through: Courier Service

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

Date: 13/03/2018

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

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 February -2018.

Kiln-I was stopped from 12.08.2017.

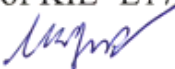
Kiln-II was stopped from 22.01.2018.

TPP-I was stopped from 03.02.2018 to 23.02.2018 and started from 24.02.2018.

TPP-III was stopped from 25.02.2018.

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 → Ew. dept

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Corporate Office :
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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 : February-2018
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.132 Total Clinker Production for February-2018: 3,05,800 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.022 Total Cement Production for February-2018: 3,76,930 MT
 Lime stone : Additive : 0.072 Petcoke consumption for February-2018: 6862.445 MT
 : Gypsum : 0.030
 : Coal (Fuel) : 0.128
 : Shale : 0.015
 : Fly Ash : 0.125

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-	06.02.2018	02.30 PM	17000	8593	30	29
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	09.02.2018	10.50 AM	18300	17860	30	29
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	-do-	09.40 AM	5500	4311	30	30
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	-do-	08.30 AM	6500	4713	30	30
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	06.02.2018	03.30 PM	6500	3549	30	29
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	09.02.2018	11.45 AM	20000	11193	30	30
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	01.02.2018	02.25 PM	10800	10286	30	28

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: February-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
9.	Cement Silo	050x0.45	40.0	40.0	Pulse Jet bag filter	Pulse Jet bag filter	01.02.2018	11.20 AM	15500	6471	30	29
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	23.02.2018	01.35 PM	25000	17024	30	28
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	-do-	04.30 PM	25000	13825	30	30
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	06.02.2018	08.35 AM	350000	228651	30	29
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	-do-	11.30 AM	63800	55298	30	30
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	-do-	10.30 AM	330000	279208	30	24
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	01.02.2018	10.05 AM	57000	48470	30	28

LINE – I

Page 3 of 32
Format No. FP-036
Month: February-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.	0.21								-do-
3.	0.56								-do-
4.	0.11								-do-
5.	0.13								-do-
6.	0.09								-do-
7.	0.23								-do-
8.	0.25								-do-
9.	0.16								-do-
10.	0.43								-do-
11.	0.36								-do-
12.	4.86								-do-
13.	1.13								-do-
14.	5.59	Format No. FP-037 enclosed.							-do-
15.	1.16	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 : February-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 / 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	N.R	N.R	25000	N.R	30	N.R
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	N.R	N.R	20000	N.R	30	N.R
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	N.R	N.R	14000	N.R	30	N.R
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	N.R	N.R	12000	N.R	30	N.R
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	N.R	N.R	50000	N.R	30	N.R
21.	Static separator	0.50	40.00	40.00	-do-	-do-	N.R	N.R	12000	N.R	30	N.R

LINE - II

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Format No. FP-036
Month: February-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	16.02.2018	02.20 PM	25000	17766	30	29
23.	Packer M/C-II	0.80	33.00	33.00	„	„	21.02.2018	03.30 PM	25000	15210	30	28
24.	Packer M/C-III	0.80	33.00	33.00	„	„	-do-	04.45 PM	25000	17928	30	30
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	16.02.2018	03.40 PM	25000	17802	30	29
26.	Cement Silo-I	0.40	41.50	41.50	„	„	03.02.2018	08.30 AM	6000	4482	30	28
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	10.40 AM	6000	4342	30	29

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	03.02.2018	02.20 PM	6000	4595	30	28
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	23.02.2018	09.30 AM	1,00,000	54,859	30	28
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: February-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.	0.45								-do-	
23.	0.36								-do-	
24.	0.47								-do-	
25.	0.46								-do-	
26.	0.11								-do-	
27.	0.11								-do-	
28.	0.11								-do-	
29.	N.R	Format No FP – 037 enclosed								-do-
30.	N.R								-do-	
31.	1.33	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

Page 8 of 32
Format No. FP - 036

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
2. Production Capacity of Power Plant in MW : **TPP # 1, 15.7** (Peak capacity 16.2) 5) Month : February-2018
3. Raw Materials Consumption : Coal: --- Kg/Kwh
- TPP # 2, 9.5 MW, Coal: 0.766 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	N.R	N.R	1,40,508	N.R	50	N.R
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	-do-	02.30 PM	20,000	7171	50	30
35.	100 KVA D.G. Set	0.127	8.0	8.0	Chimney	Chimney	Not running		378		--	
36.	Boiler 42 TPH	1.90	65	65	ESP	ESP	12.02.2018	09.20 AM	91,919	84,822	50	32

THERMAL POWER PLANT

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Format No FP-036
Month: February-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.	N.R	Format No-FP-037 enclosed							Process Inter lock
34.	0.18								-do-
35.	-								---
36.	2.09								-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 : February-2018
 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	14.02.2018	09.50 AM	9,25,560	5,05,221	30	25
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	08.40 AM	5,71,428	3,13,603	30	28
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	10.50 AM	1,75,000	1,03,347	30	30
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	06.02.2018	09.40 AM	1,00,000	49,563	30	29
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	14.02.2018	02.45 PM	63,000	55,024	30	28

LINE-III

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Format No. FP-036
Month: February-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	9.0								Process Inter lock
38	5.09								-do-
39	2.59								-do-
40	1.23								-do-
41	1.27								-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 : February-2018
 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	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	28.02.2018	08.30 AM	2,08,152	1,56,533	50	33

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: February-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	3.99	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

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Format No. FP – 036
Month: February-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 : February-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	19.02.2018	08.20 AM	9,25,560	9,19,512	30	23
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	02.30 PM	5,71,428	3,16,460	30	29
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	10.30 AM	1,75,000	90,337	30	28
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	06.02.2018	09.40 AM	1,00,000	54,830	30	28
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	15.48								Process Inter lock
48	5.21								-do-
49	2.03								-do-
50	1.26								-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 : February-2018
 3. Raw Materials Consumption : Coal: 0.767 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	28.02.2018	10.50 AM	2,81,000	1,45,498	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	3.68	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)

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Month: February-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	----								---

** 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 : February-2018
 3. Raw Materials Consumption : Coal: 0.767 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	12.02.2018	11.30 AM	2,81,000	1,43,290	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	3.92	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
 STAFF CLUB
 February-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	02.02.2018 to 03.02.2018	1 & 2	09.55 AM	09.50 AM	67	25	7.09	15.04	N	
2	05.02.2018 to 06.02.2018	5 & 6	09.40 AM	09.35 AM	65	24	5.49	14.42	NE	
3	09.02.2018 to 10.02.2018	1 & 2	09.35 AM	09.30 AM	68	25	6.42	14.64	E	
4	12.02.2018 to 13.02.2018	5 & 6	09.30 AM	09.25 AM	66	23	5.71	13.43	SE	
5	16.02.2018 to 17.02.2018	1 & 2	10.00 AM	09.55 AM	64	22	5.43	12.40	S	
6	19.02.2018 to 20.02.2018	5 & 6	10.05 AM	10.00 AM	67	24	5.20	12.22	SW	
7	23.02.2018 to 24.02.2018	1 & 2	09.40 AM	09.35 AM	63	22	5.08	12.89	W	
8	26.02.2018 to 27.02.2018	5 & 6	09.45 AM	09.40 AM	64	23	6.54	14.41	NW	
	24 Hourly Average.				66	24	5.87	13.68		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 February-2018

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 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	02.02.2018 to 03.02.2018	1 & 2	-	-	-	-	-	-	-	
2	05.02.2018 to 06.02.2018	5 & 6	-	-	-	-	-	-	-	
3	09.02.2018 to 10.02.2018	1 & 2	-	-	-	-	-	-	-	
4	12.02.2018 to 13.02.2018	5 & 6	-	-	-	-	-	-	-	
5	16.02.2018 to 17.02.2018	1 & 2	11.50 AM	11.45 AM	60	20	-	-	S	
6	19.02.2018 to 20.02.2018	5 & 6	-	-	-	-	-	-	-	
7	23.02.2018 to 24.02.2018	1 & 2	-	-	-	-	-	-	-	
8	26.02.2018 to 27.02.2018	5 & 6	-	-	-	-	-	-	-	
	24 Hourly Average.				59	20	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 February-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	02.02.2018 to 03.02.2018	1 & 2	10.40 AM	10.35 AM	64	22	6.87	14.27	N	
2	05.02.2018 to 06.02.2018	5 & 6	10.20 AM	10.15 AM	62	21	5.27	13.65	NE	
3	09.02.2018 to 10.02.2018	1 & 2	10.15 AM	10.10 AM	65	22	6.20	13.87	E	
4	12.02.2018 to 13.02.2018	5 & 6	10.10 AM	10.05 AM	63	20	5.49	12.66	SE	
5	16.02.2018 to 17.02.2018	1 & 2	10.30 AM	10.25 AM	61	19	5.21	11.63	S	
6	19.02.2018 to 20.02.2018	5 & 6	10.45 AM	10.40 AM	64	21	4.98	11.45	SW	
7	23.02.2018 to 24.02.2018	1 & 2	10.20 AM	10.15 AM	60	19	4.86	12.12	W	
8	26.02.2018 to 27.02.2018	5 & 6	10.25 AM	10.20 AM	61	20	6.32	13.64	NW	
	24 Hourly Average.				63	21	5.65	12.91		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 February-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	02.02.2018 to 03.02.2018	1 & 2	08.25 AM	08.20 AM	65	23	7.88	15.28	N	
2	05.02.2018 to 06.02.2018	5 & 6	08.30 AM	08.25 AM	63	22	6.28	14.66	NE	
3	09.02.2018 to 10.02.2018	1 & 2	08.25 AM	08.20 AM	66	23	7.21	14.88	E	
4	12.02.2018 to 13.02.2018	5 & 6	08.35 AM	08.30 AM	64	21	6.50	13.67	SE	
5	16.02.2018 to 17.02.2018	1 & 2	08.30 AM	08.25 AM	62	20	6.22	12.64	S	
6	19.02.2018 to 20.02.2018	5 & 6	08.45 AM	08.40 AM	65	22	5.99	12.46	SW	
7	23.02.2018 to 24.02.2018	1 & 2	08.20 AM	08.15 AM	61	20	5.87	13.13	W	
8	26.02.2018 to 27.02.2018	5 & 6	08.35 AM	08.30 AM	62	21	7.33	14.65	NW	
	24 Hourly Average.				64	22	6.66	13.92		

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 February-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	02.02.2018 to 03.02.2018	1 & 2	09.10 AM	09.05 AM	63	21	8.07	17.72	N	
2	05.02.2018 to 06.02.2018	5 & 6	08.55 AM	08.50 AM	61	20	6.47	17.14	NE	
3	09.02.2018 to 10.02.2018	1 & 2	08.50 AM	08.45 AM	64	21	7.40	17.32	E	
4	12.02.2018 to 13.02.2018	5 & 6	09.00 AM	08.55 AM	62	19	7.69	16.11	SE	
5	16.02.2018 to 17.02.2018	1 & 2	09.15 AM	09.10 AM	60	18	8.91	15.08	S	
6	19.02.2018 to 20.02.2018	5 & 6	09.20 AM	09.15 AM	63	20	6.98	14.90	SW	
7	23.02.2018 to 24.02.2018	1 & 2	08.55 AM	08.50 AM	59	18	6.06	15.57	W	
8	26.02.2018 to 27.02.2018	5 & 6	09.10 AM	09.05 AM	60	19	8.42	17.09	NW	
	24 Hourly Average.				62	20	7.56	16.36		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 February-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	02.02.2018 to 03.02.2018	1 & 2	11.35 AM	11.30 AM	66	24	5.84	13.79	N	
2	05.02.2018 to 06.02.2018	5 & 6	11.15 AM	11.10 AM	64	23	4.24	13.17	NE	
3	09.02.2018 to 10.02.2018	1 & 2	11.10 AM	11.05 AM	67	24	5.17	13.39	E	
4	12.02.2018 to 13.02.2018	5 & 6	11.05 AM	11.00 AM	65	22	5.46	12.18	SE	
5	16.02.2018 to 17.02.2018	1 & 2	11.10 AM	11.05 AM	63	21	6.68	11.15	S	
6	19.02.2018 to 20.02.2018	5 & 6	11.40 AM	11.35 AM	66	23	4.75	10.97	SW	
7	23.02.2018 to 24.02.2018	1 & 2	11.15 AM	11.10 AM	62	21	3.83	11.64	W	
8	26.02.2018 to 27.02.2018	5 & 6	11.20 AM	11.15 AM	63	22	6.19	13.16	NW	
	24 Hourly Average.				64.5	22.5	5.27	12.43		

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								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	88046.00 + 7497.00	373051.34 + 38862.80	88046.00 + 7497.00	362158.90 + 39436.80	95543.00	401595.695	88046.00 + 7497.00	362158.90 + 39436.80	95543.00	401595.695	0.00	10318.445	100 % for VC Ash includes Bed ash also.	Apr -17 to Feb-18

LINE-1

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

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

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

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

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

POWER PLANT (TPP # 2)

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

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

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

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

POWER PLANT (TPP # 3)

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

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

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

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

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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