

Trusted Technology - Solid Strength Through: Courier Service

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

Date: 15/06/2018

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 May -2018.

Kiln-I was stopped from 02.04.2018 to 26.05.2018 and started from 27.05.2018

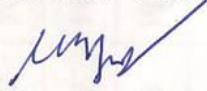
Kiln-II was stopped from 06.05.2018

Kiln-IV was stopped from 14.05.2018 to 22.05.2018 and started from 23.05.2018.

TPP-I was stopped from 02.04.2018 to 21.05.2018 and started from 22.05.2018.

TPP-II was stopped from 14.05.2018.

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 copy ENV. Dept

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E : corporate@kesoram.netKesoram Industries Limited
Cement DivisionUnit : Vasavadatta Cement, Works : Post. Sedam - 585 222.
Tq. Sedam, Dist. Kalaburagi, KarnatakaHyderabad Office : No. 613 to 616, White House, Block-III, VI Floor, 6-3-1192/1/1,
Kundanbagh, Begumpet, Hyderabad - 500 016, Telangana, India.Registered Office : Birla Building, 8th Floor, 9/1 R.N. Mukherjee Road, Kolkata - 700 001.
CIN - L17119WB1919PLC003429

- 1) Name of the Unit : VASAVADATTA CEMENT-SEDAM 4) Validity of Consent: 30.06.2021.
 2) Combined Clinker Capacity of Line- I, II, III & IV : 6.0 MTPA 5) Month : May-2018
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.118 Total Clinker Production for May-2018: 2, 66,914 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.026 Total Cement Production for May-2018: 3, 59,470 MT
 Lime stone : Additive : 0.0834 Petcoke consumption for May-2018: 9220.3320 MT
 : Gypsum : 0.023
 : Coal (Fuel) : 0.119
 : Shale : 0.021
 : 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-	30.05.2018	03.50 PM	17000	9286	30	30
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	29.05.2018	10.45 AM	18300	16560	30	30
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	30.05.2018	08.25 AM	5500	4311	30	30
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	30.05.2018	11.35 AM	6500	4861	30	29
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	30.05.2018	02.40 PM	6500	3549	30	30
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	29.05.2018	03.30 PM	20000	10814	30	30
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	09.05.2018	02.40 PM	10800	10032	30	30

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: May-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	09.05.2018	10.35 AM	15500	6666	30	30
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	23.05.2018	02.15 PM	25000	16246	30	30
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	23.05.2018	03.35 PM	25000	18470	30	29
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	29.05.2018	08.30 AM	350000	228651	30	29
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	30.05.2018	10.20 AM	63800	48737	30	29
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	29.05.2018	09.30 AM	330000	254010	30	25
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	09.05.2018	8.45 AM	57000	51884	30	27

LINE – I

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Format No. FP-036
Month: May-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.	0.24								-do-
3.	0.44								-do-
4.	0.11								-do-
5.	0.12								-do-
6.	0.09								-do-
7.	0.28								-do-
8.	0.25								-do-
9.	0.18								-do-
10.	0.46								-do-
11.	0.45								-do-
12.	4.86								-do-
13.	0.98								-do-
14.	5.54	Format No. FP-037 enclosed.							-do-
15.	1.09	Format No. FP-037 enclosed.							-do-

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

LINE - II

1. Name of the Unit : VASAVADATTA CEMENT – SEDAM 4) Validity of Consent: 30.06.2021.
2. Production capacity : Ref. Page 1 of 22 5) Month : May-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-	08.05.2018	02.35 PM	12000	6083	30	28
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	11.45 AM	50000	30775	30	29
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	10.20 AM	12000	7310	30	29

LINE - II

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Format No. FP-036
Month: May-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	19.05.2018	02.40 PM	25000	15552	30	29
23.	Packer M/C-II	0.80	33.00	33.00	„	„	-do-	03.50 PM	25000	15570	30	28
24.	Packer M/C-III	0.80	33.00	33.00	„	„	18.05.2018	02.20 PM	25000	17730	30	30
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	-do-	04.05 PM	25000	16128	30	29
26.	Cement Silo-I	0.40	41.50	41.50	„	„	26.05.2018	10.40 AM	6000	4887	30	28
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	02.35 PM	6000	4491	30	28

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	26.05.2018	03.25 PM	6000	4887	30	26
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	08.05.2018	08.30 AM	1,00,000	66,316	30	29
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: May-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.	0.18								-do-	
20.	0.80								-do-	
21.	0.18								-do-	
22.	0.42								-do-	
23.	0.41								-do-	
24.	0.49								-do-	
25.	0.42								-do-	
26.	0.12								-do-	
27.	0.11								-do-	
28.	0.10								-do-	
29.	N.R	Format No FP – 037 enclosed								-do-
30.	N.R								-do-	
31.	1.62	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 : May-2018 |
| 3. Raw Materials Consumption | :
TPP # 2, 9.5 MW, Coal: 0.750 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	24.05.2018	08.50 AM	1,40,508	1,00,950	50	32
34.	Coal Crusher	0.5x 0.4	15.20	15.20	Pulse jet bag filter	Pulse jet bag filter	24.05.2018	02.50 PM	20,000	7840	30	26
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	07.05.2018	09.15 AM	91,919	77,260	50	34

THERMAL POWER PLANT

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Format No FP-036
Month: May-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.	2.55	Format No-FP-037 enclosed							Process Inter lock
34.	0.19								-do-
35.	-								---
36.	2.08								-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 : May-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	14.05.2018	10.40 AM	9,25,560	5,61,413	30	25
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	08.20 AM	5,71,428	3,69,785	30	29
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	02.20 PM	1,75,000	1,14,708	30	27
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	12.05.2018	10.45 AM	1,00,000	56,660	30	27
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	-do-	02.30 PM	63,000	48,663	30	26

LINE-III

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Month: May-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	9.64								Process Inter lock
38	6.39								-do-
39	2.68								-do-
40	1.32								-do-
41	1.31								-do-

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

TPP-III

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 3, 18 MW 5) Month : May-2018
 3. Raw Materials Consumption : Coal: 0.746 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m)	Chimney height (in m.)		APC Equipment		Monitoring date	Time	Emission Rate m ³ / hr		Emission level mg/Nm ³	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	24.05.2018	10.50 AM	2,08,152	1,35,481	50	33

TPP-III

THERMAL POWER PLANT

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Format No FP-036
Month: May-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	3.39	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: May-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 : May-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	02.05.2018	09.20 AM	9,25,560	7,66,260	30	23
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	08.30 AM	5,71,428	4,64,374	30	29
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	11.45 AM	1,75,000	1,67,848	30	26
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	03.05.2018	09.40 AM	1,00,000	59043	30	25
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	9.35								-do-
49	3.28								-do-
50	1.20								-do-
51	N.R								---

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

TPP-IV

1. Name of the Unit : **VASAVADATTA CEMENT – SEDAM** 4) Validity of Consent: 30.06.2021.
 2. Production Capacity of Power Plant in MW : TPP # 4, 18 MW 5) Month : May-2018
 3. Raw Materials Consumption : Coal: 0.746 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	07.05.2018	08.45 AM	2,81,000	1,51,949	50	33

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	3.87	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		
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: May-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 : May-2018
 3. Raw Materials Consumption : Coal: 0.749 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	01.05.2018	09.40 AM	2,81,000	1,46,856	50	33

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

** 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	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
 May-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	01.05.2018 to 02.05.2018	2 & 3	09.50 AM	09.45 AM	65	21	6.39	12.62	NW	
2	04.05.2018 to 05.05.2018	5 & 6	09.55 AM	09.50 AM	64	20	6.14	12.13	W	
3	08.05.2018 to 09.05.2018	2 & 3	10.10 AM	10.05 AM	66	21	5.62	11.73	N	
4	11.05.2018 to 12.05.2018	5 & 6	09.05 AM	09.00 AM	63	24	5.58	13.43	SW	
5	15.05.2018 to 16.05.2018	2 & 3	09.35 AM	09.30 AM	65	24	6.33	14.21	S	
6	18.05.2018 to 19.05.2018	5 & 6	10.20 AM	10.15 AM	67	26	6.10	12.53	SE	
7	22.05.2018 to 23.05.2018	2 & 3	09.40 AM	09.35 AM	65	21	6.64	13.10	E	
8	25.05.2018 to 26.05.2018	5 & 6	09.55 AM	09.50 AM	63	22	5.54	14.61	NE	
9	28.05.2018 to 29.05.2018	2 & 3	09.00 AM	08.55 AM	66	20	6.58	15.09		
	24 Hourly Average.				65	22	6.10	13.27		

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 May-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	01.05.2018 to 02.05.2018	2 & 3	-	-	-	-	-	-	NW	
2	04.05.2018 to 05.05.2018	5 & 6	-	-	-	-	-	-	W	
3	08.05.2018 to 09.05.2018	2 & 3	-	-	-	-	-	-	N	
4	11.05.2018 to 12.05.2018	5 & 6	-	-	-	-	-	-	SW	
5	15.05.2018 to 16.05.2018	2 & 3	11.50 AM	11.45 AM	61	22	-	-	S	
6	18.05.2018 to 19.05.2018	5 & 6	-	-	-	-	-	-	SE	
7	22.05.2018 to 23.05.2018	2 & 3	-	-	-	-	-	-	E	
8	25.05.2018 to 26.05.2018	5 & 6	-	-	-	-	-	-	NE	
9	28.05.2018 to 29.05.2018	2 & 3								
	24 Hourly Average.				61	22	-	-		

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 May-2018

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 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	01.05.2018 to 02.05.2018	2 & 3	10.35 AM	10.30 AM	64.0	20.0	6.2	11.9	NW	
2	04.05.2018 to 05.05.2018	5 & 6	10.30 AM	10.25 AM	63.0	19.0	5.9	11.4	W	
3	08.05.2018 to 09.05.2018	2 & 3	10.35 AM	10.30 AM	65.0	20.0	5.4	11.0	N	
4	11.05.2018 to 12.05.2018	5 & 6	09.45 AM	09.40 AM	62.0	22.0	5.4	12.7	SW	
5	15.05.2018 to 16.05.2018	2 & 3	09.55 AM	09.50 AM	66.0	23.0	6.1	13.4	S	
6	18.05.2018 to 19.05.2018	5 & 6	10.50 AM	10.45 AM	66.0	25.0	5.9	11.8	SE	
7	22.05.2018 to 23.05.2018	2 & 3	10.20 AM	10.15 AM	64.0	20.0	6.4	12.3	E	
8	25.05.2018 to 26.05.2018	5 & 6	10.35 AM	10.30 AM	62.0	21.0	5.3	13.8	NE	
9	28.05.2018 to 29.05.2018	2 & 3	09.35 AM	09.30 AM	65.0	19.0	6.4	14.3		
	24 Hourly Average.				64	21.0	5.9	12.5		

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 May-2018

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 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	01.05.2018 to 02.05.2018	2 & 3	08.20 AM	08.15 AM	68	24	6.23	13.44	NW	
2	04.05.2018 to 05.05.2018	5 & 6	08.35 AM	08.30 AM	67	23	6.98	14.25	W	
3	08.05.2018 to 09.05.2018	2 & 3	08.40 AM	08.35 AM	69	24	6.46	13.85	N	
4	11.05.2018 to 12.05.2018	5 & 6	08.20 AM	08.15 AM	66	23	6.37	13.67	SW	
5	15.05.2018 to 16.05.2018	2 & 3	08.25 AM	08.20 AM	68	23	7.12	14.45	S	
6	18.05.2018 to 19.05.2018	5 & 6	08.50 AM	08.45 AM	70	24	6.89	12.77	SE	
7	22.05.2018 to 23.05.2018	2 & 3	08.20 AM	08.15 AM	68	24	7.43	13.34	E	
8	25.05.2018 to 26.05.2018	5 & 6	08.35 AM	08.30 AM	66	21	6.33	14.85	NE	
9	28.05.2018 to 29.05.2018	2 & 3	08.20 AM	08.15 AM	69	23	7.37	15.53		
	24 Hourly Average.				68	23	6.80	14.02		

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 May-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	01.05.2018 to 02.05.2018	2 & 3	09.05 AM	09.00 AM	67	23	8.46	17.21	NW	
2	04.05.2018 to 05.05.2018	5 & 6	09.20 AM	09.15 AM	66	22	8.21	16.72	W	
3	08.05.2018 to 09.05.2018	2 & 3	09.25 AM	09.20 AM	68	23	7.69	16.32	N	
4	11.05.2018 to 12.05.2018	5 & 6	08.45 AM	08.40 AM	65	22	6.56	16.11	SW	
5	15.05.2018 to 16.05.2018	2 & 3	09.10 AM	09.05 AM	67	22	8.61	16.89	S	
6	18.05.2018 to 19.05.2018	5 & 6	09.25 AM	09.20 AM	69	23	7.88	17.21	SE	
7	22.05.2018 to 23.05.2018	2 & 3	08.55 AM	08.50 AM	67	23	7.12	15.78	E	
8	25.05.2018 to 26.05.2018	5 & 6	09.10 AM	09.05 AM	65	20	7.42	17.29	NE	
9	28.05.2018 to 29.05.2018	2 & 3	08.55 AM	08.50 AM	68	22	8.46	17.77		
	24 Hourly Average.				63	20	7.99	16.93		

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 May-2018

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 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	01.05.2018 to 02.05.2018	2 & 3	11.30 AM	11.25 AM	66	22	5.18	11.41	NW	
2	04.05.2018 to 05.05.2018	5 & 6	11.25 AM	11.20 AM	65	21	4.93	10.92	W	
3	08.05.2018 to 09.05.2018	2 & 3	11.55 AM	11.50 AM	67	22	4.41	10.52	N	
4	11.05.2018 to 12.05.2018	5 & 6	10.40 AM	10.35 AM	64	25	5.33	12.18	SW	
5	15.05.2018 to 16.05.2018	2 & 3	10.30 AM	10.25 AM	66	25	7.58	12.96	S	
6	18.05.2018 to 19.05.2018	5 & 6	11.45 AM	11.40 AM	68	27	5.65	11.28	SE	
7	22.05.2018 to 23.05.2018	2 & 3	11.15 AM	11.10 AM	66	22	5.39	11.85	E	
8	25.05.2018 to 26.05.2018	5 & 6	11.30 AM	11.25 AM	64	23	5.19	13.36	NE	
9	28.05.2018 to 29.05.2018	2 & 3	10.30 AM	10.25 AM	67	21	6.23	13.84		
	24 Hourly Average.				66	23	5.54	12.04		

FLY ASH UTILIZATION PROFORMA

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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	8240 + 7204	47134.825 + 38256.740		8094 + 7350	43111 + 37656.50		8094 + 7350	43111 + 37656.50	0.0	4624.0650	100 % for VC Ash includes Bed ash also.	May -18
		15444.00	85391.565	15444.00		80767.50	15444.00		80767.50					

LINE-1

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

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

--- NIL---

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

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

--- NIL---

LINE-II

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

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

---NIL---

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

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

---NIL---

POWER PLANT (TPP # 1)

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

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

---NIL---

POWER PLANT (TPP # 2)

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

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

---NIL---

LINE-III

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

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

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

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

POWER PLANT (TPP # 3)

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

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

--- NIL---

LINE-IV

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

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

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

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

POWER PLANT (TPP # 4)

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

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

POWER PLANT (TPP # 5)

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

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