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Date: 15/10/2018

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

20/10/18  


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 September -2018.

Kiln-I was stopped from 11.09.2018 to 30.09.2018 and started from 01.10.2018

Kiln-III was stopped from 29.07.2018 to 03.09.2018 and started from 04.09.2018

Kiln-IV was stopped from 27.09.2018 and started from 06.10.2018

TPP-III was stopped from 24.08.2018

For Vasavadatta Cement,

For Kesoram Inds., Ltd.,

CIN of KIL- L17119WB1919PLC003429



Devesh Kumar Mishra  
Plant Head

Cc:

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

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

=&gt; o/c Env. Dept.

P + 08441 - 276005 / 276391

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Hyderabad Office :

P + 91 40 4334 4555

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Corporate Office :

E : corporate@kesoram.net



- 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 : September-2018  
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA  
 3) Raw Materials / Ton of product : Lime Stone : 1.161 Total Clinker Production for September-2018: 3, 57,006 MT  
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.031 Total Cement Production for September-2018: 4, 26,046 MT  
 Lime stone : Additive : 0.0734 Petcoke consumption for September-2018: 9946.124 MT  
 : Gypsum : 0.025  
 : Coal (Fuel) : 0.120  
 : Shale : ----  
 : Fly Ash : 0.111

Sr No.	Source	Dia. of Chimney in meters	Chimney ht in (m)		APC Equipment		Monitoring date	Time	Emission rate m <sup>3</sup> / H		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
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-	04.09.2018	02.40 PM	17000	8177	30	29
3.	Blending Silo Venting	1.00	84.0	84.0	-do-	-do-	03.09.2018	02.05 PM	18300	16899	30	26
4.	Kiln Feed Equipment	0.50	20.5	20.5	-do-	-do-	-do-	04.15 AM	5500	3880	30	26
5.	Fine Coal Silo	0.50	39.5	39.5	-do-	-do-	04.09.2018	09.50 AM	6500	4155	30	28
6.	Fine Coal feeding equipment.	0.50	30.5	30.5	-do-	-do-	-do-	11.30 AM	6500	3302	30	29
7.	Clinker Storage hall	0.62	40.7	40.7	-do-	-do-	03.09.2018	03.10 AM	20000	10565	30	29
8.	Cement Mill Hopper.	1.00	31.3	31.3	-do-	-do-	08.09.2018	11.50 AM	10800	10258	30	27

**LINE - I**

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Format No. FP - 036  
Month: September-2018

Sr. No.	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring date	Time	Emission rate m <sup>3</sup> / H		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
9.	Cement Silo	050x0.45	40.0	40.0	Pulse Jet bag filter	Pulse Jet bag filter	08.09.2018	11.40 AM	15500	6836	30	25
10.	Packing Plant – I	0.80	38.8	38.8	-do-	-do-	15.09.2018	03.30 PM	25000	12434	30	29
11.	Packing Plant – II	0.80	38.8	38.8	-do-	-do-	-do-	04.30 PM	25000	14946	30	26
12.	Clinker Cooler Venting	3.00	48.0	48.0	ESP	ESP	03.09.2018	11.30 AM	350000	211865	30	25
13.	Coal Mill	1.20	61.9	61.9	Pulse Jet bag filter	Pulse Jet bag filter	04.09.2018	08.40 AM	63800	46160	30	28
14.	Kiln / Raw Mill	3.00	80.2	80.2	Bag House	Bag House	03.09.2018	09.05 AM	330000	198016	30	23
15.	Cement Mill	1.50	49.0	49.0	-do-	Bag Filter	08.09.2018	08.30 AM	57000	48470	30	27

**LINE – I**

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Format No. FP-036  
Month:September-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.	0.25								-do-
3.	0.45								-do-
4.	0.09								-do-
5.	0.10								-do-
6.	0.08								-do-
7.	0.27								-do-
8.	0.25								-do-
9.	0.15								-do-
10.	0.33								-do-
11.	0.34								-do-
12.	3.45								-do-
13.	1.07								-do-
14.	4.0	Format No. FP-037 enclosed.							-do-
15.	1.14	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 : September-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 <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	11.09.2018	08.30 AM	25000	15570	30	24
17.	Raw meal silo	0.70	90.05	90.05	-do-	-do-	-do-	02.30 PM	20000	10285	30	28
18.	Kiln Feed fluidor & weigh bin	0.60	22.47	22.47	-do-	-do-	-do-	09.40 AM	14600	8365	30	29
19.	Cement Mill hopper	0.50	35.00	35.00	-do-	-do-	13.09.2018	02.30 PM	12000	5397	30	27
20.	Poly Com & bucket elevator	1.00	35.00	35.00	-do-	-do-	-do-	10.40 AM	50000	24444	30	27
21.	Static separator	0.50	40.00	40.00	-do-	-do-	-do-	02.30 PM	12000	5955	30	26

**LINE - II**

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Format No. FP-036  
Month: September-2018

Sr. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		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
22.	Packer M/C-I	0.80	33.00	33.00	Pulse jet bag filter	Pulse jet bag filter	20.09.2018	02.40 PM	25000	15570	30	27
23.	Packer M/C-II	0.80	33.00	33.00	„	„	21.09.2018	02.30 PM	25000	11988	30	25
24.	Packer M/C-III	0.80	33.00	33.00	„	„	20.09.2018	02.20 PM	25000	13986	30	23
25.	Packer M/C-IV	0.80	33.00	33.00	„	„	21.09.2018	03.10 PM	25000	12497	30	28
26.	Cement Silo-I	0.40	41.50	41.50	„	„	10.09.2018	11.20 AM	6000	4866	30	25
27.	Cement Silo-II	0.40	41.50	41.50	„	„	-do-	02.30 PM	6000	3892	30	23

**LINE - II**

Sr. No	Source	Dia. of chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		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
28.	Cement silo-III	0.40	41.50	41.50	Pulse jet bag filter	Pulse jet bag filter	10.09.2018	03.40 PM	6000	5049	30	26
29.	Raw Mill / Kiln	3.50	100.00	100.00	Bag House	Bag House	11.09.2018	10.50 AM	6,50,000	3,34,268	30	20
30.	Clinker Cooler	3.20	48.00	48.00	ESP	ESP	-do-	03.30 PM	4,60,000	2,20,690	30	28
31.	Cement Mill	1.40	52.00	52.00	ESP	Bag Filter	10.09.2018	09.10 AM	1,00,000	45,275	30	29
32.	Coal Mill	1.30	100.00	100.00	Pulse jet bag filter	Pulse jet bag filter	11.09.2018	04.30 PM	1,25,000	60,113	30	24

**LINE-II**

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Month: September-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.	0.34								Process Inter lock	
17.	0.25								-do-	
18.	0.21								-do-	
19.	0.13								-do-	
20.	0.59								-do-	
21.	0.13								-do-	
22.	0.40								-do-	
23.	0.27								-do-	
24.	0.30								-do-	
25.	0.32								-do-	
26.	0.10								-do-	
27.	0.08								-do-	
28.	0.11								-do-	
29.	5.02	Format No FP – 037 enclosed								-do-
30.	3.51								-do-	
31.	1.13	Format No. FP-037 enclosed.								-do-
32.	1.21								-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**

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Format No FP-036  
Month:September-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.	2.02	Format No-FP-037 enclosed							Process Inter lock
34.	0.13								-do-
35.	-								---
36.	1.78								-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 : September-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 <sup>3</sup> / H		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
37.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	24.09.2018	9.50 AM	9,25,560	508797	30	21
38.	Clinker Cooler ESP	3.35	50.00	50.00	ESP	ESP	-do-	8.40 AM	5,71,428	348836	30	24
39.	Coal Mill	1.80	52.00	52.00	Bag Filter	Bag Filter	-do-	11.40 AM	1,75,000	1,00,690	30	26
40.	Cement Mill	1.40	52.00	52.00	-do-	-do-	23.09.2018	02.40 PM	1,00,000	42,412	30	25
41.	Crusher (Located at Mines)	1.50	32.00	32.00	-do-	-do-	24.09.2018	02.20 PM	63,000	52225	30	24

**LINE-III**

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Format No. FP-036  
Month: September-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	7.52								Process Inter lock
38	4.75								-do-
39	2.24								-do-
40	0.92								-do-
41	1.17								-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 : September-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 <sup>3</sup> / hr		Emission level mg/Nm <sup>3</sup>	
			Stipulated	Provided	Stipulated	Provided			Stipulated	Provided		
1	2	3	4	5	6	7	8	9	10	11	12	13
42.	Boiler 80 TPH	2.45	80	80	ESP	ESP	N.R	N.R	2,08,152	N.R	50	N.R

## TPP-III

### THERMAL POWER PLANT

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Format No FP-036  
Month:September-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	3.15	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 <sup>3</sup> / H		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
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**

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  
 2. Production capacity : Ref. Page 1 of 22  
 3. Raw Materials / Ton of product : Ref. Page 1 of 22  
 4) Validity of Consent: 30.06.2021.  
 5) Month : September-2018

Sl. No	Source	Dia. of Chimney in (m)	Chimney height in (m)		APC Equipment		Monitoring Date	Time	Emission Rate m <sup>3</sup> / H		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	
47.	Raw mill / Kiln	4.25	70.00	70.00	Bag House	Bag House	19.09.2018	9.40 AM	9,25,560	7,66,620	30	20
48	Clinker Cooler ESP	3.35	48.00	50.00	ESP	ESP	-do-	08.30 AM	5,71,428	3,49,153	30	29
49	Coal Mill	1.80	50.00	52.00	Bag Filter	Bag Filter	-do-	10.20 AM	1,75,000	86,764	30	23
50	Cement Mill	1.40	52.00	52.00	-do-	-do-	-do-	03.50 PM	1,00,000	68,745	30	23
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	10.68								Process Inter lock
48	6.76								-do-
49	1.76								-do-
50	1.25								-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 :September-2018  
 3. Raw Materials Consumption : Coal: 0.827 Kg/Kwh

Sl No	Source	Dia. of Chimney in (m)	Chimney height (in m)		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
52.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	17.09.2018	02.30 PM	2,81,000	1,46,177	50	30

## 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	3.48	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 <sup>3</sup> / H		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
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-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 :September-2018  
 3. Raw Materials Consumption : Coal: 0.827 Kg/Kwh

Sr. No	Source	Dia. of Chimney in (m).	Chimney height (in m)		APC Equipment		Monitoring date	Time	Emission Rate m <sup>3</sup> / H		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
52.	CPP-18 MW Boiler 80 TPH	2.45	80	80	ESP	ESP	08.08.2018	02.45 PM	2,81,000	1,18,503	50	31

## 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	2.78	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 <sup>3</sup> / H		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
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  
 September-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 <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.09.2018 to 04.09.2018	1 & 2	09.50 AM	09.45 AM	61	19	6.44	13.10	N	
2	07.09.2018 to 08.09.2018	5 & 6	09.35 AM	09.30 AM	62	20	4.87	11.43	N	
3	10.09.2018 to 11.09.2018	1 & 2	09.50 AM	09.45 AM	59	18	4.49	10.50	N	
4	14.09.2018 to 15.09.2018	5 & 6	09:15 AM	09.10 AM	60	19	5.97	12.01	N	
5	17.09.2018 to 18.09.2018	1 & 2	09.45 AM	09.40 AM	61	18	5.04	13.65	N	
6	21.09.2018 to 22.09.2018	5 & 6	10.10 AM	10.05 AM	63	21	5.48	16.54	N	
7	24.09.2018 to 25.09.2018	1 & 2	09.50 AM	09.45 AM	59	17	6.38	11.62	N	
8	28.09.2018 to 29.09.2018	5 & 6	10.10 AM	10.05 AM	62	20	4.54	12.51	N	
	24 Hourly Average.				61	19	5.40	12.67		

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

VASAVADATTA CEMENT SEDAM  
 SEDAM TOWN  
 September-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 <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8		10
1	03.09.2018 to 04.09.2018	1 & 2	-	-	-	-	-	-	N	
2	07.09.2018 to 08.09.2018	5 & 6	-	-	-	-	-	-	N	
3	10.09.2018 to 11.09.2018	1 & 2	-	-	-	-	-	-	N	
4	14.09.2018 to 15.09.2018	5 & 6	-	-	-	-	-	-	N	
5	17.09.2018 to 18.09.2018	1 & 2	11.35 AM	11.30 AM	60	19	-	-	N	
6	21.09.2018 to 22.09.2018	5 & 6	-	-	-	-	-	-	N	
7	24.09.2018 to 25.09.2018	1 & 2	-	-	-	-	-	-	N	
8	28.09.2018 to 29.09.2018	5 & 6	-	-	-	-	-	-	N	
	24 Hourly Average.				60	19	-	-		

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

VASAVADATTA CEMENT SEDAM  
 DAIRY FARM  
 September-2018

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 ANNEXURE - V  
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>		
1	2	3	4		5	6	7	8	9	10
1	03.09.2018 to 04.09.2018	1 & 2	10.35 AM	10.30 AM	64	22	6.22	12.33	N	
2	07.09.2018 to 08.09.2018	5 & 6	10.10 AM	10.05 AM	65	23	4.65	10.66	N	
3	10.09.2018 to 11.09.2018	1 & 2	10.25 AM	10.20 AM	62	21	4.27	9.73	N	
4	14.09.2018 to 15.09.2018	5 & 6	09.50 AM	09.45 AM	63	22	5.75	14.78	N	
5	17.09.2018 to 18.09.2018	1 & 2	10.30 AM	10.25 AM	64	21	4.82	12.88	N	
6	21.09.2018 to 22.09.2018	5 & 6	10.40 AM	10.35 AM	66	24	5.26	12.77	N	
7	24.09.2018 to 25.09.2018	1 & 2	10.20 AM	10.15 AM	62	20	6.16	10.85	N	
8	28.09.2018 to 29.09.2018	5 & 6	10.40 AM	10.35 AM	65	23	4.32	11.74	N	
	24 Hourly Average.				64	22	5.18	11.97		

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

VASAVADATTA CEMENT, SEDAM  
 MINES SUBSTATION  
 September-2018

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 ANNEXURE - V  
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	DIRECTION	
1	2	3	4		5	6	7	8	9	10
1	03.09.2018 to 04.09.2018	1 & 2	08.20 AM	08.15 AM	62	20	5.32	11.64	N	
2	07.09.2018 to 08.09.2018	5 & 6	08.15 AM	08.10 AM	63	21	4.77	10.56	N	
3	10.09.2018 to 11.09.2018	1 & 2	08.30 AM	08.25 AM	60	19	5.33	11.31	N	
4	14.09.2018 to 15.09.2018	5 & 6	08.25 AM	08.20 AM	61	20	6.77	12.67	N	
5	17.09.2018 to 18.09.2018	1 & 2	08.35 AM	08.30 AM	62	19	5.88	10.77	N	
6	21.09.2018 to 22.09.2018	5 & 6	08.40 AM	08.35 AM	64	22	6.32	12.66	N	
7	24.09.2018 to 25.09.2018	1 & 2	08.25 AM	08.20 AM	60	18	7.22	13.74	N	
8	28.09.2018 to 29.09.2018	5 & 6	08.40 AM	08.35 AM	63	21	5.38	12.63	N	
	24 Hourly Average.				62	20	5.87	12.00		

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

VASAVADATTA CEMENT, SEDAM  
 Power Plant  
 September-2018

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 ANNEXURE -V  
 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NOX		
1	2	3	4		5	6	7	8	9	10
1	03.09.2018 to 04.09.2018	1 & 2	09.05 AM	09.00 AM	63	21	7.55	16.41	N	
2	07.09.2018 to 08.09.2018	5 & 6	09.00 AM	08.55 AM	64	22	8.20	17.03	N	
3	10.09.2018 to 11.09.2018	1 & 2	09.15 AM	09.10 AM	61	20	6.56	15.09	N	
4	14.09.2018 to 15.09.2018	5 & 6	08.50AM	08.45 AM	62	21	8.04	16.14	N	
5	17.09.2018 to 18.09.2018	1 & 2	09.20 AM	09.15 AM	63	20	7.11	14.24	N	
6	21.09.2018 to 22.09.2018	5 & 6	09.15 AM	09.10 AM	65	23	7.55	15.13	N	
7	24.09.2018 to 25.09.2018	1 & 2	08.55 AM	08.50 AM	61	19	8.45	16.21	N	
8	28.09.2018 to 29.09.2018	5 & 6	09.15 AM	09.10 AM	64	22	6.61	15.10	N	
	24 Hourly Average.				63	21	7.51	15.67		

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

VASAVADATTA CEMENT SEDAM  
 LIONS BHAVAN  
 September-2018

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 WEEKLY REPORT.

S.NO	MONITORING DATE	DAY NO	TIME		CONCENTRATION IN Micro-gm/m <sup>3</sup>				WIND DIRECTION	REMARKS
			FROM	TO	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>X</sub>		
1	2	3	4		5	6	7	8	9	10
1	03.09.2018 to 04.09.2018	1 & 2	11.30 AM	11.25 AM	60	18	5.23	11.89	N	
2	07.09.2018 to 08.09.2018	5 & 6	11.05 AM	11.00 AM	61	19	4.66	10.22	N	
3	10.09.2018 to 11.09.2018	1 & 2	11.20 AM	11.15 AM	58	17	3.28	9.29	N	
4	14.09.2018 to 15.09.2018	5 & 6	10.45 AM	10.40 AM	59	18	5.72	7.76	N	
5	17.09.2018 to 18.09.2018	1 & 2	11.05 AM	11.00 AM	60	17	4.79	12.40	N	
6	21.09.2018 to 22.09.2018	5 & 6	11.35 AM	11.30 AM	62	20	5.23	13.29	N	
7	24.09.2018 to 25.09.2018	1 & 2	11.15 AM	11.10 AM	58	16	6.13	10.37	N	
8	28.09.2018 to 29.09.2018	5 & 6	11.35 AM	11.30 AM	61	19	4.29	13.76	N	
	24 Hourly Average.				60	18	4.92	11.12		



**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	37589 + 10705	206914.60 + 38383.80	37589	198420	37589	198420	37589	198420	0.0	10376.495	100 % for VC Ash includes Bed ash also.	Apr-18 to Sept -18
			48294	245298.40	48294	234921.91	48294	234921.91						

**LINE-1**

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

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

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--- NIL---

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

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

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--- NIL---

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**LINE-II**

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

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

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---NIL---

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

---

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

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---NIL---

**POWER PLANT (TPP # 1)**

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

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

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---NIL---

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**POWER PLANT (TPP # 2)**

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

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

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**LINE-III**

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

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

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

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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 SEPTEMBER-2018.

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

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**LINE-IV**

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

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

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

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

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**POWER PLANT (TPP # 4 )**

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

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

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**POWER PLANT (TPP # 5)**

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

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

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