

13/12/17
910

Trusted Technology - Solid Strength

Through: Courier Service

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

Date: 11/12/2017

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 of November -2017.

Kiln-I was stopped from 12.08.2017

Kiln-III was stopped from 07.11.2017 to 14.11.2017 and started from 15.11.2017

Kiln-IV was stopped from 17.11.2017 to 20.11.2017 and started from 21.11.2017

TPP-I was stopped from 26.10.2017 to 13.11.2017 and started from 18.11.2017

TPP-II was stopped from 15.11.2017 to 17.11.2017 and started from 31.10.2017

TPP-IV was stopped from 07.11.2017.

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 → Env. dept

P + 08441 - 276001 / 276002
F + 08441 - 276139 / 276408Hyderabad Office :
P + 91 40 4334 4555
F + 91 40 4334 4534Corporate Office :
E : corporate@kesoram.net

Kesoram Industries Limited

Regional Director

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 : November- 2017
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.143 Total Clinker Production for November-2017: 3, 37,379.00 MT
 (For Line - I, II, III & IV Cement Plant) : Fly Ash : 0.132 Total Cement Production for November-2017: 3, 81,240.00 MT
 : Additive : 0.069
 : Gypsum : 0.028
 : Coal (Fuel) : 0.142
 : Shale : -----
 : Per Imp 1 : 0.022
 Lime stone

| 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 | 150 | N.R |
| 2. | Raw mill hopper | 0.70 | 28.9 | 28.9 | -do- | -do- | N.R | N.R | 17000 | N.R | 150 | N.R |
| 3. | Blending Silo Venting | 1.00 | 84.0 | 84.0 | -do- | -do- | N.R | N.R | 18300 | N.R | 150 | N.R |
| 4. | Kiln Feed Equipment | 0.50 | 20.5 | 20.5 | -do- | -do- | N.R | N.R | 5500 | N.R | 150 | N.R |
| 5. | Fine Coal Silo | 0.50 | 39.5 | 39.5 | -do- | -do- | N.R | N.R | 6500 | N.R | 150 | N.R |
| 6. | Fine Coal feeding equipment. | 0.50 | 30.5 | 30.5 | -do- | -do- | N.R | N.R | 6500 | N.R | 150 | N.R |
| 7. | Clinker Storage hall | 0.62 | 40.7 | 40.7 | -do- | -do- | N.R | N.R | 20000 | N.R | 150 | N.R |
| 8. | Cement Mill Hopper. | 1.00 | 31.3 | 31.3 | -do- | -do- | 04.11.2017 | 02.45 PM | 10800 | 10625 | 150 | 35 |

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: November- 2017

| Sr. No. | Source | Dia. of Chimney in (m) | Chimney height in (m) | | APC Equipment | | Monitoring date | Time | Emission rate m ³ / H | | Emission level mg / Nm ³ | |
|---------|------------------------|------------------------|-----------------------|----------|----------------------|----------------------|-----------------|----------|----------------------------------|----------|-------------------------------------|----------|
| | | | Stipu`-lated | Provided | Stipulated | Provided | | | Stipu-Lated | Provided | Stipu-Lated | Provided |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 9. | Cement Silo | 050x0.45 | 40.0 | 40.0 | Pulse Jet bag filter | Pulse Jet bag filter | 04.11.2017 | 11.40 AM | 15500 | 8051 | 150 | 33 |
| 10. | Packing Plant – I | 0.80 | 38.8 | 38.8 | -do- | -do- | 22.11.2017 | 02.30 PM | 25000 | 18470 | 150 | 34 |
| 11. | Packing Plant – II | 0.80 | 38.8 | 38.8 | -do- | -do- | 21.11.2017 | 03.50 PM | 25000 | 16210 | 150 | 34 |
| 12. | Clinker Cooler Venting | 3.00 | 48.0 | 48.0 | ESP | ESP | N.R | N.R | 350000 | N.R | 150 | N.R |
| 13. | Coal Mill | 1.20 | 61.9 | 61.9 | Pulse Jet bag filter | Pulse Jet bag filter | N.R | N.R | 63800 | N.R | 150 | N.R |
| 14. | Kiln / Raw Mill | 3.00 | 80.2 | 80.2 | Bag House | Bag House | N.R | N.R | 330000 | N.R | 150 | N.R |
| 15. | Cement Mill | 1.50 | 49.0 | 49.0 | -do- | Bag Filter | 04.11.2017 | 10.40 AM | 57000 | 52715 | 150 | 32 |

LINE – I

Page 3 of 32
Format No. FP-036
Month: November-2017

| 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. | N.R | | | | | | | | -do- |
| 3. | N.R | | | | | | | | -do- |
| 4. | N.R | | | | | | | | -do- |
| 5. | N.R | | | | | | | | -do- |
| 6. | N.R | | | | | | | | -do- |
| 7. | N.R | | | | | | | | -do- |
| 8. | 0.32 | | | | | | | | -do- |
| 9. | 0.23 | | | | | | | | -do- |
| 10. | 0.56 | | | | | | | | -do- |
| 11. | 0.49 | | | | | | | | -do- |
| 12. | N.R | | | | | | | | -do- |
| 13. | N.R | | | | | | | | -do- |
| 14. | N.R | Format No. FP-037 enclosed. | | | | | | | -do- |
| 15. | 1.42 | 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 : November- 2017 |
| 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 | 06.11.2017 | 09.50 AM | 25000 | 17604 | 150 | 37 |
| 17. | Raw meal silo | 0.70 | 90.05 | 90.05 | -do- | -do- | 07.11.2017 | 10.15 AM | 20000 | 12400 | 150 | 35 |
| 18. | Kiln Feed fluidor & weigh bin | 0.60 | 22.47 | 22.47 | -do- | -do- | -do- | 03.30 PM | 14000 | 9583 | 150 | 31 |
| 19. | Cement Mill hopper | 0.50 | 35.00 | 35.00 | -do- | -do- | 09.11.2017 | 02.45 PM | 12000 | 5087 | 150 | 36 |
| 20. | Poly Com & bucket elevator | 1.00 | 35.00 | 35.00 | -do- | -do- | -do- | 11.45 AM | 50000 | 28203 | 150 | 34 |
| 21. | Static separator | 0.50 | 40.00 | 40.00 | -do- | -do- | -do- | 10.40 AM | 12000 | 6322 | 150 | 33 |

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 |
| 22. | Packer M/C-I | 0.80 | 33.00 | 33.00 | Pulse jet bag filter | Pulse jet bag filter | 22.11.2017 | 02.30 PM | 25000 | 16146 | 150 | 31 |
| 23. | Packer M/C-II | 0.80 | 33.00 | 33.00 | „ | „ | 23.11.2017 | 03.15 PM | 25000 | 14364 | 150 | 32 |
| 24. | Packer M/C-III | 0.80 | 33.00 | 33.00 | „ | „ | -do- | 03.10 PM | 25000 | 18540 | 150 | 35 |
| 25. | Packer M/C-IV | 0.80 | 33.00 | 33.00 | „ | „ | 22.11.2017 | 03.55 PM | 25000 | 16164 | 150 | 37 |
| 26. | Cement Silo-I | 0.40 | 41.50 | 41.50 | „ | „ | 10.11.2017 | 10.10 AM | 6000 | 4635 | 150 | 32 |
| 27. | Cement Silo-II | 0.40 | 41.50 | 41.50 | „ | „ | -do- | 11.15 AM | 6000 | 3766 | 150 | 31 |

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 | 10.11.2017 | 02.30 PM | 6000 | 4486 | 150 | 32 |
| 29. | Raw Mill / Kiln | 3.50 | 100.00 | 100.00 | Bag House | Bag House | 07.11.2017 | 08.30 AM | 6,50,000 | 3,44,313 | 150 | 26 |
| 30. | Clinker Cooler | 3.20 | 48.00 | 48.00 | ESP | ESP | -do- | 10.40 AM | 4,60,000 | 2,88,751 | 150 | 30 |
| 31. | Cement Mill | 1.40 | 52.00 | 52.00 | ESP | Bag Filter | 09.11.2017 | 09.30 AM | 1,00,000 | 49,516 | 150 | 30 |
| 32. | Coal Mill | 1.30 | 100.00 | 100.00 | Pulse jet bag filter | Pulse jet bag filter | 05.10.2017 | 11.55 AM | 1,25,000 | 51,986 | 150 | 31 |

LINE-II

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Format No. FP – 036
Month: November- 2017

| 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. | 0.55 | | | | | | | | Process Inter lock | |
| 17. | 0.37 | | | | | | | | -do- | |
| 18. | 0.25 | | | | | | | | -do- | |
| 19. | 0.16 | | | | | | | | -do- | |
| 20. | 0.84 | | | | | | | | -do- | |
| 21. | 0.18 | | | | | | | | -do- | |
| 22. | 0.44 | | | | | | | | -do- | |
| 23. | 0.39 | | | | | | | | -do- | |
| 24. | 0.55 | | | | | | | | -do- | |
| 25. | 0.53 | | | | | | | | -do- | |
| 26. | 0.13 | | | | | | | | -do- | |
| 27. | 0.10 | | | | | | | | -do- | |
| 28. | 0.12 | | | | | | | | -do- | |
| 29. | 7.16 | Format No FP – 037 enclosed | | | | | | | | -do- |
| 30. | 5.26 | | | | | | | | -do- | |
| 31. | 1.28 | Format No. FP-037 enclosed. | | | | | | | | -do- |
| 32. | 1.28 | | | | | | | | -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 : November- 2017 |
| 3. Raw Materials Consumption | : TPP # 2, 9.5 MW , Coal: 0.826 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 | 18.11.2017 | 08.30 AM | 1,40,508 | 96,502 | 150 | 37 |
| 34. | Coal Crusher | 0.5x 0.4 | 15.20 | 15.20 | Pulse jet bag filter | Pulse jet bag filter | 10.11.2017 | 10.30 AM | 20,000 | 7178 | 150 | 38 |
| 35. | 100 KVA D.G. Set | 0.127 | 8.0 | 8.0 | Chimney | Chimney | Not running | | 378 | | 150 | |
| 36. | Boiler 42 TPH | 1.90 | 65 | 65 | ESP | ESP | 03.11.2017 | 08.20 AM | 91,919 | 89,507 | 150 | 35 |

THERMAL POWER PLANT

Page 9 of 32
Format No FP-036
Month: November- 2017

| 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. | 2.79 | Format No-FP-037 enclosed | | | | | | | Process Inter lock |
| 34. | 0.23 | | | | | | | | -do- |
| 35. | - | | | | | | | | --- |
| 36. | 2.48 | | | | | | | | -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 - 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 : November- 2017
 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 | 02.11.2017 | 08.40 AM | 9,25,560 | 5,55,794 | 50 | 23 |
| 38. | Clinker Cooler ESP | 3.35 | 50.00 | 50.00 | ESP | ESP | -do- | 10.45 AM | 5,71,428 | 3,27,887 | 50 | 29 |
| 39. | Coal Mill | 1.80 | 52.00 | 52.00 | Bag Filter | Bag Filter | -do- | 02.30 PM | 1,75,000 | 1,12,235 | 50 | 31 |
| 40. | Cement Mill | 1.40 | 52.00 | 52.00 | -do- | -do- | 20.11.2017 | 10.30 AM | 1,00,000 | 55,107 | 50 | 30 |
| 41. | Crusher (Located at Mines) | 1.50 | 32.00 | 32.00 | -do- | -do- | 14.11.2017 | 10.50 AM | 63,000 | 57,187 | 50 | 29 |

LINE-III

Page 11 of 32
Format No. FP-036
Month: November- 2017

| 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 | 9.20 | | | | | | | | Process Inter lock |
| 38 | 5.65 | | | | | | | | -do- |
| 39 | 2.97 | | | | | | | | -do- |
| 40 | 1.43 | | | | | | | | -do- |
| 41 | 1.39 | | | | | | | | -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 : November- 2017
 3. Raw Materials Consumption : Coal: 0.831 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 | 18.11.2017 | 11.10 AM | 2,08,152 | 1,41,423 | 150 | 35 |

TPP-III

THERMAL POWER PLANT

Page 13 of 32
Format No FP-036
Month: November- 2017

| 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 | 3.86 | 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: November- 2017

| 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 : November- 2017
 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 | |
| 47. | Raw mill / Kiln | 4.25 | 70.00 | 70.00 | Bag House | Bag House | 13.11.2017 | 10.45 AM | 9,25,560 | 8,68,428 | 50 | 25 |
| 48 | Clinker Cooler ESP | 3.35 | 48.00 | 50.00 | ESP | ESP | -do- | 08.40 AM | 5,71,428 | 3,28,521 | 50 | 29 |
| 49 | Coal Mill | 1.80 | 50.00 | 52.00 | Bag Filter | Bag Filter | -do- | 02.20 PM | 1,75,000 | 99,951 | 50 | 31 |
| 50 | Cement Mill | 1.40 | 52.00 | 52.00 | -do- | -do- | 27.11.2017 | 10.30 AM | 1,00,000 | 57,380 | 50 | 30 |
| 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 | 50 | 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 | 15.97 | | | | | | | | Process Inter lock |
| 48 | 5.53 | | | | | | | | -do- |
| 49 | 2.47 | | | | | | | | -do- |
| 50 | 1.44 | | | | | | | | -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 : November- 2017
 3. Raw Materials Consumption : Coal: 0.841 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 | 03.11.2017 | 10.45 AM | 2,81,000 | 1,39,555 | 150 | 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 | 3.44 | 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)

Page 21 of 32
Format No. FP – 036
Month: November- 2017

| 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 : November- 2017
 3. Raw Materials Consumption : Coal: 0.831 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 | 18.11.2017 | 02.30 PM | 2,81,000 | 1,37,858 | 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 | 3.81 | 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
 GUEST HOUSE
 November- 2017

PAGE NO 26 OF 32
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | 09.25 AM | 09.20 AM | 59 | 19 | 6.69 | 14.01 | N | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | 09.40 AM | 09.35 AM | 58 | 17 | 6.13 | 14.77 | NE | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | 09.20 AM | 09.15 AM | 60 | 18 | 6.35 | 14.22 | E | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | 09.25 AM | 09.20 AM | 57 | 16 | 6.01 | 12.99 | SE | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 09.30 AM | 09.25 AM | 59 | 20 | 4.63 | 12.01 | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | 09.50 AM | 09.45 AM | 61 | 19 | 7.49 | 16.01 | SW | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | 09.45AM | 09.40 AM | 59 | 18 | 5.56 | 14.45 | W | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | 09.25 AM | 09.20 AM | 58 | 19 | 4.47 | 12.98 | NW | |
| | 24 Hourly Average. | | | | 59 | 19 | 5.92 | 13.93 | | |

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 November-2017

PAGE NO. 27 OF 32
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | - | - | - | - | - | - | - | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | - | - | - | - | - | - | - | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | - | - | - | - | - | - | - | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | - | - | - | - | - | - | - | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 11.30 AM | 11.25 AM | 52 | 17 | - | - | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | - | - | - | - | - | - | - | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | - | - | - | - | - | - | - | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | - | - | - | - | - | - | - | |
| | 24 Hourly Average. | | | | 52 | 17 | - | - | | |

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

VASAVADATTA CEMENT SEDAM
 DAIRY FARM
 November- 2017

PAGE NO 28 of 32
 FORMAT NO FP-036
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | 10.00 AM | 09.55 AM | 63 | 23 | 6.47 | 13.24 | N | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | 10.15 AM | 10.10 AM | 62 | 21 | 5.91 | 14.00 | NE | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | 10.05 AM | 10.00 AM | 64 | 22 | 6.13 | 13.45 | E | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | 10.10 AM | 10.05 AM | 61 | 20 | 5.79 | 12.22 | SE | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 09.55 AM | 09.50 AM | 63 | 24 | 4.41 | 11.24 | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | 10.45 AM | 10.40 AM | 65 | 23 | 7.27 | 15.24 | SW | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | 10.30 AM | 10.25 AM | 63 | 22 | 5.34 | 13.68 | W | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | 09.50 AM | 09.45 AM | 62 | 23 | 4.25 | 12.21 | NW | |
| | 24 Hourly Average. | | | | 63 | 22 | 5.70 | 13.16 | | |

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 November-2017

PAGE NO 29 of 32
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | 08.25 AM | 08.20 AM | 64 | 24 | 7.45 | 13.68 | N | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | 08.30 AM | 08.25 AM | 63 | 22 | 6.89 | 14.44 | NE | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | 08.20 AM | 08.15 AM | 65 | 23 | 7.11 | 13.89 | E | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | 08.35 AM | 08.30 AM | 62 | 21 | 6.77 | 12.66 | SE | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 08.25 AM | 08.20 AM | 64 | 25 | 5.39 | 11.68 | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | 08.40 AM | 08.35 AM | 66 | 24 | 8.25 | 15.68 | SW | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | 08.55 AM | 08.50 AM | 64 | 23 | 6.32 | 14.12 | W | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | 08.15 AM | 08.10 AM | 63 | 24 | 5.23 | 12.65 | NW | |
| | 24 Hourly Average. | | | | 64 | 23 | 6.68 | 13.60 | | |

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

VASAVADATTA CEMENT, SEDAM
 Power Plant
 November -2017

PAGE NO 30 of 32
 FORMAT NO FP-036
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | 09.20 AM | 09.15 AM | 62 | 22 | 9.58 | 16.69 | N | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | 08.50 AM | 08.45 AM | 61 | 20 | 9.02 | 17.45 | NE | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | 09.15 AM | 09.10 AM | 63 | 21 | 9.24 | 16.90 | E | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | 08.55 AM | 08.50 AM | 60 | 19 | 8.90 | 15.67 | SE | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 08.55 AM | 08.50 AM | 62 | 23 | 7.52 | 14.69 | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | 09.05 AM | 09.00 AM | 64 | 22 | 10.38 | 18.69 | SW | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | 09.20 AM | 09.15 AM | 62 | 21 | 8.45 | 17.13 | W | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | 08.50 AM | 08.45 AM | 61 | 22 | 7.36 | 15.66 | NW | |
| | 24 Hourly Average. | | | | 62 | 22 | 9.58 | 16.69 | | |

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 November- 2017

PAGE NO 31 OF 32
 FORMAT NO FP-036
 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 | 03.11.2017 to 04.11.2017 | 5 & 6 | 10.45 AM | 10.40 AM | 60 | 20 | 5.90 | 12.47 | N | |
| 2 | 06.11.2017 to 07.11.2017 | 1 & 2 | 11.00 AM | 10.55 AM | 59 | 18 | 7.67 | 16.10 | NE | |
| 3 | 10.11.2017 to 11.11.2017 | 5 & 6 | 10.50 AM | 10.45 AM | 61 | 19 | 7.89 | 19.35 | E | |
| 4 | 13.11.2017 to 14.11.2017 | 1 & 2 | 11.05 AM | 11.00 AM | 58 | 17 | 7.55 | 13.22 | SE | |
| 5 | 17.11.2017 to 18.11.2017 | 5 & 6 | 10.40 AM | 10.35 AM | 60 | 21 | 6.17 | 12.24 | S | |
| 6 | 20.11.2017 to 21.11.2017 | 1 & 2 | 11.30 AM | 11.25 AM | 62 | 20 | 9.03 | 16.24 | SW | |
| 7 | 24.11.2017 to 25.11.2017 | 5 & 6 | 11.15 AM | 11.10 AM | 60 | 19 | 7.10 | 14.68 | W | |
| 8 | 27.11.2017 to 28.11.2017 | 1 & 2 | 10.35 AM | 10.30 AM | 59 | 20 | 6.01 | 18.11 | NW | |
| | 24 Hourly Average. | | | | 60 | 20 | 7.17 | 15.30 | | |

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/Adani/BTPS/JSW/ NTPC | Bricks | Cement Industries | | Others | M/s VC | ARVS /Parli/ Kesoram/ Adani/BTPS/ JSW/NTPC | M/s VC | | | ARVS /Parli/ Kesoram/ Adani/BTPS / JSW/NTPC | | |
| | | | | | | M/s VC | ARVS /Parli/ Kesoram/ Adani/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 | 61718.00 + 9253 | 233988.44 + 51587.40 | 61718.00 + 9253 | 233669.895 + 41085.95 | 61718.00 + 9253 | 233669.895 + 41085.95 | 70971.00 | 274755.845 | 70971.00 | 274755.845 | 0.00 | 10819.995 | 100 % for VC Ash includes Bed ash also. | Values from April -17 to Nov-17 |

LINE-1

a.) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

--- NIL---

b.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

--- NIL---

LINE-II

a) KILN ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

---NIL---

b) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

---NIL---

POWER PLANT (TPP # 1)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

---NIL---

POWER PLANT (TPP # 2)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

---NIL---

LINE-III

a.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

--- NIL---

b.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

--- NIL---

POWER PLANT (TPP # 3)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

--- NIL---

LINE-IV

a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

POWER PLANT (TPP # 4)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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

POWER PLANT (TPP # 5)

BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF NOVEMBER- 2017.

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