

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

Date: 11/02/2019

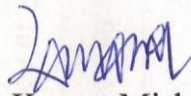
To
The Environmental officer,
Karnataka State Pollution Control Board,
#101, F-Block, Green Park, KHB,
Near Chor Gumbaz,
Ring road, Kalaburagi- 585 105.

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 January-2019.

Kiln-II was stopped from 06.01.2019 to 13.01.2019 and started from 14.01.2019
Kiln-III was stopped from 20.01.2019 to 21.01.2019 and started from 22.01.2019
TPP-II was Started from 06.01.2019 to 14.01.2019 and stopped from 15.01.2019
TPP-III was stopped from 06.01.2019 to 13.01.2019 and started from 14.01.2019

Yours faithfully,
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, 4th & 5th Floor,
Parisara Bhavana,
Church Street,
Bangalore-560 001

- 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 : January-2019
 Combined Cement Production Line- I, II, III & IV : 9.0 MTPA
 3) Raw Materials / Ton of product : Lime Stone : 1.1580 Total Clinker Production for January-2019 : 4, 26,056 MT
 (For Line - I, II, III & IV Cement Plant) : Per Imp 1 : 0.035 Total Cement Production for January-2019 : 5, 34,570 MT
 Lime stone : Petcoke consumption for January-2019 : 16,154.822 MT
 : Additive : 0.07727
 : Gypsum : 0.0230
 : Coal (Fuel) : 0.118
 : Shale : 0.004
 : Fly Ash : 0.104

| 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 | 42,000 | N.R | 30 | N.R |
| 2. | Raw mill hopper | 0.70 | 28.9 | 28.9 | -do- | -do- | 01.01.2019 | 09.10 AM | 17,000 | 9,979 | 30 | 27 |
| 3. | Blending Silo Venting | 1.00 | 84.0 | 84.0 | -do- | -do- | 03.01.2019 | 09.10 AM | 18,300 | 16,588 | 30 | 23 |
| 4. | Kiln Feed Equipment | 0.50 | 20.5 | 20.5 | -do- | -do- | 02.01.2019 | 11.05 AM | 5,500 | 4,395 | 30 | 23 |
| 5. | Fine Coal Silo | 0.50 | 39.5 | 39.5 | -do- | -do- | 02.01.2019 | 09.10 AM | 6,500 | 4,325 | 30 | 26 |
| 6. | Fine Coal feeding equipment. | 0.50 | 30.5 | 30.5 | -do- | -do- | 01.01.2019 | 10.30 AM | 6,500 | 3,818 | 30 | 23 |
| 7. | Clinker Storage hall | 0.62 | 40.7 | 40.7 | -do- | -do- | 03.01.2019 | 03.10 PM | 20,000 | 13,133 | 30 | 25 |
| 8. | Cement Mill Hopper. | 1.00 | 31.3 | 31.3 | -do- | -do- | 03.01.2019 | 02.30 PM | 10,800 | 10,767 | 30 | 27 |

LINE - I

Pages 2 of 32
Format No. FP - 036
Month: January-2019

| 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 | 04.01.2019 | 09.30 AM | 15,500 | 7,889.4 | 30 | 27 |
| 10. | Packing Plant – I | 0.80 | 38.8 | 38.8 | -do- | -do- | 21.01.2019 | 02.30 PM | 25,000 | 14,674 | 30 | 25 |
| 11. | Packing Plant – II | 0.80 | 38.8 | 38.8 | -do- | -do- | 21.01.2019 | 03.40 PM | 25,000 | 13,590 | 30 | 24 |
| 12. | Clinker Cooler | 3.00 | 48.0 | 48.0 | ESP | ESP | 03.01.2019 | 10.15 AM | 3,50,000 | 1,64,049 | 30 | 27 |
| 13. | Coal Mill | 1.20 | 61.9 | 61.9 | Pulse Jet bag filter | Pulse Jet bag filter | 02.01.2019 | 10.15 AM | 63,800 | 43,641 | 30 | 25 |
| 14. | Kiln / Raw Mill | 3.00 | 80.2 | 80.2 | Bag House | Bag House | 02.01.2019 | 03.00 PM | 3,30,000 | 2,79,462 | 30 | 21 |
| 15. | Cement Mill | 1.50 | 49.0 | 49.0 | -do- | Bag Filter | 04.01.2019 | 10.40 AM | 57,000 | 46,126 | 30 | 27 |

LINE – I

Page 3 of 32
Format No. FP-036
Month: January-2019

| 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. | 0.23 | | | | | | | | -do- |
| 3. | 0.07 | | | | | | | | -do- |
| 4. | 0.09 | | | | | | | | -do- |
| 5. | 1.00 | | | | | | | | -do- |
| 6. | 0.09 | | | | | | | | -do- |
| 7. | 4.86 | | | | | | | | -do- |
| 8. | 0.32 | | | | | | | | -do- |
| 9. | 3.36 | | | | | | | | -do- |
| 10. | 0.28 | | | | | | | | -do- |
| 11. | 0.25 | | | | | | | | -do- |
| 12. | 0.18 | | | | | | | | -do- |
| 13. | 0.30 | | | | | | | | -do- |
| 14. | 0.28 | Format No. FP-037 enclosed. | | | | | | | -do- |
| 15. | 1.06 | 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 : January-2019
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 | 05.01.2019 | 10.30 AM | 25,000 | 18,990 | 30 | 27 |
| 17. | Raw meal silo | 0.70 | 90.05 | 90.05 | -do- | -do- | 15.01.2019 | 09.10 AM | 20,000 | 10,782 | 30 | 25 |
| 18. | Kiln Feed fluidor & weigh bin | 0.60 | 22.47 | 22.47 | -do- | -do- | 04.01.2019 | 02.30 PM | 14,600 | 9,370 | 30 | 26 |
| 19. | Cement Mill hopper | 0.50 | 35.00 | 35.00 | -do- | -do- | 15.01.2019 | 02.30 PM | 12,000 | 6,498 | 30 | 24 |
| 20. | Poly Com & bucket elevator | 1.00 | 35.00 | 35.00 | -do- | -do- | 16.01.2019 | 09.30 AM | 50,000 | 24,614 | 30 | 27 |
| 21. | Static separator | 0.50 | 40.00 | 40.00 | -do- | -do- | 16.01.2019 | 10.40 AM | 12,000 | 6,195 | 30 | 23 |

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 | 22.01.2019 | 02.30 PM | 25,000 | 13,014 | 30 | 23 |
| 23. | Packer M/C-II | 0.80 | 33.00 | 33.00 | „ | „ | 22.01.2019 | 03.45 PM | 25,000 | 14,706 | 30 | 23 |
| 24. | Packer M/C-III | 0.80 | 33.00 | 33.00 | „ | „ | 23.01.2019 | 03.15 PM | 25,000 | 10,980 | 30 | 27 |
| 25. | Packer M/C-IV | 0.80 | 33.00 | 33.00 | „ | „ | 23.01.2019 | 04.05 PM | 25,000 | 12,564 | 30 | 24 |
| 26. | Cement Silo-I | 0.40 | 41.50 | 41.50 | „ | „ | 16.01.2019 | 03.35 PM | 6,000 | 3,811 | 30 | 28 |
| 27. | Cement Silo-II | 0.40 | 41.50 | 41.50 | „ | „ | 17.01.2019 | 09.15 AM | 6,000 | 3,384 | 30 | 21 |

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 | 17.01.2019 | 10.35 AM | 6,000 | 3,793.5 | 30 | 24 |
| 29. | Raw Mill / Kiln | 3.50 | 100.00 | 100.00 | Bag House | Bag House | 04.01.2019 | 03.30 PM | 6,50,000 | 3,11,060 | 30 | 19 |
| 30. | Clinker Cooler | 3.20 | 48.00 | 48.00 | ESP | ESP | 15.01.2019 | 10.05 AM | 4,60,000 | 2,16,056 | 30 | 27 |
| 31. | Cement Mill | 1.40 | 52.00 | 52.00 | ESP | Bag Filter | 16.01.2019 | 02.30 PM | 1,00,000 | 62,846 | 30 | 23 |
| 32. | Coal Mill | 1.30 | 100.00 | 100.00 | Pulse jet bag filter | Pulse jet bag filter | 15.01.2019 | 11.10 AM | 1,25,000 | 44,241 | 30 | 22 |

LINE-II

Page 7 of 32
Format No. FP – 036
Month: January-2019

| 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. | 0.44 | | | | | | | | Process Inter lock | |
| 17. | 0.23 | | | | | | | | -do- | |
| 18. | 0.21 | | | | | | | | -do- | |
| 19. | 0.13 | | | | | | | | -do- | |
| 20. | 0.58 | | | | | | | | -do- | |
| 21. | 0.12 | | | | | | | | -do- | |
| 22. | 0.27 | | | | | | | | -do- | |
| 23. | 0.28 | | | | | | | | -do- | |
| 24. | 0.26 | | | | | | | | -do- | |
| 25. | 0.26 | | | | | | | | -do- | |
| 26. | 0.09 | | | | | | | | -do- | |
| 27. | 0.07 | | | | | | | | -do- | |
| 28. | 0.08 | | | | | | | | -do- | |
| 29. | 5.89 | Format No FP – 037 enclosed | | | | | | | | -do- |
| 30. | 4.94 | | | | | | | | -do- | |
| 31. | 1.36 | Format No. FP-037 enclosed. | | | | | | | | -do- |
| 32. | 0.82 | | | | | | | | -do- | |

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

THERMAL POWER PLANT

Page 9 of 32
Format No FP-036
Month: January-2019

| 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. | 2.68 | Format No-FP-037 enclosed | | | | | | | Process Inter lock |
| 34. | 2.52 | | | | | | | | -do- |
| 35. | - | | | | | | | | --- |
| 36. | 0.13 | | | | | | | | -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 :January-2019
 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 | 14.01.2019 | 09.15 AM | 9,25,560 | 5,72,652 | 30 | 20 |
| 38. | Clinker Cooler ESP | 3.35 | 50.00 | 50.00 | ESP | ESP | 17.01.2019 | 02.30 PM | 5,71,428 | 3,25,347 | 30 | 23 |
| 39. | Coal Mill | 1.80 | 52.00 | 52.00 | Bag Filter | Bag Filter | 14.01.2019 | 10.05 AM | 1,75,000 | 99,408 | 30 | 25 |
| 40. | Cement Mill | 1.40 | 52.00 | 52.00 | -do- | -do- | 14.01.2019 | 11.10 AM | 1,00,000 | 47,290 | 30 | 23 |
| 41. | Crusher (Located at Mines) | 1.50 | 32.00 | 32.00 | -do- | -do- | 17.01.2019 | 03.30 PM | 63,000 | 52,161 | 30 | 24 |

LINE-III

Page 11 of 32
Format No. FP-036
Month January-2019

| 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 | 8.32 | | | | | | | | Process Inter lock |
| 38 | 6.26 | | | | | | | | -do- |
| 39 | 2.13 | | | | | | | | -do- |
| 40 | 0.92 | | | | | | | | -do- |
| 41 | 1.08 | | | | | | | | -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 : January-2019 |
| 3. Raw Materials Consumption | : Coal:0.722 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 | 19.01.2019 | 09.30 AM | 2,08,152 | 1,56,703 | 50 | 29 |

TPP-III

THERMAL POWER PLANT

Page 13 of 32
Format No FP-036
Month January-2019

| 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 | 3.89 | 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 | | 3,786 | --- | --- | --- |
| 44. | Kiln-II 125 KVA DG set | 0.175 | 5.00 | 8.75 | Chimney | Chimney | --do-- | | 3,786 | --- | --- | --- |
| 45. | Kiln-III 380 KVA DG set | 0.136 | 6.00 | 11.90 | Chimney | Chimney | --do-- | | 3,786 | --- | --- | --- |
| 46. | Boiler 42 TPH 250 KVA DG set | 0.089 | 5.00 | 5.00 | Chimney | Chimney | --do-- | | 3,786 | --- | --- | --- |

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 4) Validity of Consent: 30.06.2021.
 2. Production capacity : Ref. Page 1 of 22 5) Month : January-2019
 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 | 18.01.2019 | 09.10 AM | 9,25,560 | 7,15,176 | 30 | 21 |
| 48 | Clinker Cooler ESP | 3.35 | 48.00 | 50.00 | ESP | ESP | -do- | 02.30 PM | 5,71,428 | 3,03,445 | 30 | 26 |
| 49 | Coal Mill | 1.80 | 50.00 | 52.00 | Bag Filter | Bag Filter | -do- | 10.15 AM | 1,75,000 | 80,076 | 30 | 27 |
| 50 | Cement Mill | 1.40 | 52.00 | 52.00 | -do- | -do- | -do- | 11.15 AM | 1,00,000 | 62,092 | 30 | 27 |
| 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 | 11.69 | | | | | | | | Process Inter lock |
| 48 | 6.60 | | | | | | | | -do- |
| 49 | 1.86 | | | | | | | | -do- |
| 50 | 1.43 | | | | | | | | -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 January-2019
 3. Raw Materials Consumption : Coal: 0.730 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 | 19.01.2019 | 10.40 AM | 2,81,000 | 1,90,318 | 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 | 5.25 | 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 January-2019

| 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: January-2019
 3. Raw Materials Consumption : Coal: 0.730 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 | 19.01.2019 | 3.10 PM | 2,81,000 | 1,52,119 .296 | 50 | 34 |

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 | 4.11 | 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 equipment 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
 JANUARY-2019

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 | 01.01.2019 to 02.01.2019 | 2 & 3 | 10.05 AM | 10.00 AM | 75 | 32 | 8.15 | 14.20 | N | |
| 2 | 04.01.2019 to 05.01.2019 | 5 & 6 | 11.15 AM | 11.10 AM | 73 | 30 | 7.20 | 13.23 | N | |
| 3 | 08.01.2019 to 09.01.2019 | 2 & 3 | 10.25 AM | 10.20 AM | 74 | 29 | 9.31 | 12.36 | N | |
| 4 | 11.01.2019 to 12.01.2019 | 5 & 6 | 10:30 AM | 10.25 AM | 75 | 30 | 10.52 | 14.52 | N | |
| 5 | 15.01.2019 to 16.01.2019 | 2 & 3 | 11.10 AM | 11.05 AM | 70 | 28 | 9.23 | 13.45 | N | |
| 6 | 18.01.2019 to 19.01.2019 | 5 & 6 | 10.30 AM | 10.25 AM | 72 | 32 | 8.51 | 15.12 | N | |
| 7 | 22.01.2019 to 23.01.2019 | 2 & 3 | 10.35 AM | 10.30 AM | 76 | 30 | 9.23 | 14.52 | N | |
| 8 | 24.01.2019 to 25.01.2019 | 4 & 5 | 11.05 AM | 11.00 AM | 72 | 30 | 12.23 | 10.54 | N | |
| 9 | 29.01.2019 to 30.01.2019 | 2 & 3 | 10.10 AM | 10.05 AM | 73 | 29 | 11.11 | 14.32 | N | |
| | 24 Hourly Average. | | | | 73 | 30 | 9.50 | 13.58 | | |

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

VASAVADATTA CEMENT SEDAM
 SEDAM TOWN
 JANUARY-2019

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 | 9 | 10 |
| 1 | 01.01.2019 to 02.01.2019 | 2 & 3 | - | - | - | - | - | - | N | |
| 2 | 04.01.2019 to 05.01.2019 | 5 & 6 | - | - | - | - | - | - | N | |
| 3 | 08.01.2019 to 09.01.2019 | 2 & 3 | - | - | - | - | - | - | N | |
| 4 | 11.01.2019 to 12.01.2019 | 5 & 6 | - | - | - | - | - | - | N | |
| 5 | 15.01.2019 to 16.01.2019 | 2 & 3 | 11.20 AM | 11.15 AM | 70 | 25 | - | - | N | |
| 6 | 18.01.2019 to 19.01.2019 | 5 & 6 | - | - | - | - | - | - | N | |
| 7 | 22.01.2019 to 23.01.2019 | 2 & 3 | - | - | - | - | - | - | N | |
| 8 | 24.01.2019 to 25.01.2019 | 4 & 5 | - | - | - | - | - | - | N | |
| 9 | 29.01.2019 to 30.01.2019 | 2 & 3 | | | | | | | N | |
| | 24 Hourly Average. | | | | 70 | 25 | - | - | | |

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

VASAVADATTA CEMENT, SEDAM
 MINES SUBSTATION
 JANUARY-2019

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 | 01.01.2019 to 02.01.2019 | 2 & 3 | 10.30 AM | 10.25 AM | 77 | 24 | 9.23 | 13.45 | N | |
| 2 | 04.01.2019 to 05.01.2019 | 5 & 6 | 11.30 AM | 11.25 AM | 71 | 25 | 7.23 | 11.23 | N | |
| 3 | 08.01.2019 to 09.01.2019 | 2 & 3 | 10.45 AM | 10.40 AM | 74 | 30 | 8.12 | 14.23 | N | |
| 4 | 11.01.2019 to 12.01.2019 | 5 & 6 | 10.50 AM | 10.45 AM | 73 | 29 | 9.10 | 13.41 | N | |
| 5 | 15.01.2019 to 16.01.2019 | 2 & 3 | 11.35 AM | 11.30 AM | 75 | 28 | 7.43 | 15.60 | N | |
| 6 | 18.01.2019 to 19.01.2019 | 5 & 6 | 10.30 AM | 10.25 AM | 72 | 26 | 9.23 | 12.11 | N | |
| 7 | 22.01.2019 to 23.01.2019 | 2 & 3 | 10.50 AM | 10.45 AM | 77 | 22 | 7.45 | 14.56 | N | |
| 8 | 24.01.2019 to 25.01.2019 | 4 & 5 | 11.30 AM | 11.25 AM | 71 | 21 | 8.56 | 17.65 | N | |
| 9 | 29.01.2019 to 30.01.2019 | 2 & 3 | 10.30 AM | 10.25 AM | 70 | 27 | 9.22 | 14.66 | N | |
| | 24 Hourly Average. | | | | 73 | 26 | 8.40 | 14.10 | | |

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

VASAVADATTA CEMENT, SEDAM
 POWER PLANT
 JANUARY-2019

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 | 01.01.2019 to 02.01.2019 | 2 & 3 | 10.40 AM | 10.35 AM | 75 | 25 | 13.42 | 18.22 | N | |
| 2 | 04.01.2019 to 05.01.2019 | 5 & 6 | 11.40 AM | 11.35 AM | 70 | 23 | 14.10 | 17.70 | N | |
| 3 | 08.01.2019 to 09.01.2019 | 2 & 3 | 10.55 AM | 10.50 AM | 72 | 21 | 13.12 | 19.00 | N | |
| 4 | 11.01.2019 to 12.01.2019 | 5 & 6 | 11.05 AM | 11.00 AM | 77 | 24 | 14.89 | 18.18 | N | |
| 5 | 15.01.2019 to 16.01.2019 | 2 & 3 | 11.45 AM | 11.40 AM | 75 | 26 | 10.55 | 20.37 | N | |
| 6 | 18.01.2019 to 19.01.2019 | 5 & 6 | 10.40 AM | 10.35 AM | 72 | 28 | 12.10 | 16.88 | N | |
| 7 | 22.01.2019 to 23.01.2019 | 2 & 3 | 11.00 AM | 10.55 AM | 69 | 22 | 9.80 | 19.33 | N | |
| 8 | 24.01.2019 to 25.01.2019 | 4 & 5 | 11.40 AM | 11.35 AM | 70 | 29 | 11.00 | 22.42 | N | |
| 9 | 29.01.2019 to 30.01.2019 | 2 & 3 | 10.50 AM | 10.45 AM | 74 | 30 | 10.56 | 18.45 | N | |
| | 24 Hourly Average. | | | | 73 | 25 | 12.17 | 18.95 | | |

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

VASAVADATTA CEMENT SEDAM
 LIONS BHAVAN
 JANUARY-2019

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 | 01.01.2019 to 02.01.2019 | 2 & 3 | 11.00 AM | 10.55 AM | 72 | 22 | 8.12 | 15.10 | N | |
| 2 | 04.01.2019 to 05.01.2019 | 5 & 6 | 11.50 AM | 11.45 AM | 77 | 25 | 7.85 | 12.30 | N | |
| 3 | 08.01.2019 to 09.01.2019 | 2 & 3 | 11.15 AM | 11.10 AM | 72 | 20 | 6.23 | 10.33 | N | |
| 4 | 11.01.2019 to 12.01.2019 | 5 & 6 | 11.20 AM | 11.15 AM | 75 | 19 | 9.12 | 11.23 | N | |
| 5 | 15.01.2019 to 16.01.2019 | 2 & 3 | 11.55 AM | 11.50 AM | 73 | 23 | 7.43 | 14.01 | N | |
| 6 | 18.01.2019 to 19.01.2019 | 5 & 6 | 10.50 AM | 10.45 AM | 76 | 22 | 8.10 | 12.30 | N | |
| 7 | 22.01.2019 to 23.01.2019 | 2 & 3 | 11.15 AM | 11.10 AM | 75 | 21 | 9.12 | 14.42 | N | |
| 8 | 24.01.2019 to 25.01.2019 | 4 & 5 | 12.05 PM | 12.00 PM | 70 | 20 | 8.74 | 16.40 | N | |
| 9 | 29.01.2019 to 30.01.2019 | 2 & 3 | 11.10 AM | 11.05 AM | 71 | 25 | 9.65 | 17.44 | N | |
| | 24 Hourly Average. | | | | 73 | 22 | 8.26 | 13.73 | | |

FLY ASH UTILIZATION PROFORMA

| S.No | Name & Address of The unit | Capacity | Quantity of fly ash generated / Year MT / Year | | Utilization (MT / Year) | | | Total Utilized MT / Year | | Unutilized quantity MT /Year | | Percentage | Remarks | | | |
|------|------------------------------|--|--|--|---------------------------|-------------------------|--|--------------------------|--------|--|--------|------------|---------|--|---|--|
| | | | M/s VC | ARVS/Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC | Bricks | Cement Industries | | Others | M/s VC | ARVS/Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC | M/s VC | | | ARVS/Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC | | |
| | | | | | | M/s VC | ARVS/Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC | | | | | | | | M/s VC | ARVS/Parli/ Kesoram- BCFC/ BTPS/JSW/ NTPC |
| 1 | M/s Vasavadatta Cement Sedam | Average 15.7 MW, 9.5 MW, 18 MW, 18 MW & 18 MW coal based Thermal power plant | 78348 + 9681 | 359918.59 + 41817.930 | 78348 + 9681 | 353876.90 + 45955 | 78348 + 9681 | 353876.90 + 45955 | 88029 | 399831.90 | 88029 | 399831.90 | 0.0 | 1904.165 | 100 % for VC Ash includes Bed ash also. | Apr-18 to Jan -19 |

LINE-1

a.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

b.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

c.)

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

--- NIL---

LINE-II

d.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

e.) CEMENT MILL ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

a)

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

POWER PLANT (TPP # 1)

f.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

.

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

---NIL---

POWER PLANT (TPP # 2)

g.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

.

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

---NIL---

LINE-III

h.) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

a.) .

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

--- NIL---

i.) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

b.) .

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

--- NIL---

POWER PLANT (TPP # 3)

j.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

--- NIL---

LINE-IV

k.) a) KILN BAG HOUSE STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

--- NIL---

b) CEMENT MILL BAG FILTER STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

--- NIL---

POWER PLANT (TPP # 4)

1.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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

POWER PLANT (TPP # 5)

a.) BOILER ESP STOPPAGES / TRIPPINGS FOR THE MONTH OF JANUARY-2019

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