

Pacific Custom Materials, Inc.

17410 East Lockwood Valley Road • Frazier Park, California • 93225 • 661.245.3736

April 13, 2010

Mr. Keith Duval, Manager
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, California 93003

RE: Title V: Compliance Certification

Dear Mr. Keith Duval

Enclosed is information with the Title V. compliance certification report 2009-2010.

If you have any further questions please contact me at 661-245-3736.

Sincerely,

A handwritten signature in black ink that reads "Mark Mathis". The signature is written in a cursive style with a large, stylized "M" and "M".

Mark Mathis

Enclosure

Cc: Jean Brewster
Steve Fernandes



TXI Pacific Custom Materials

Frazier Park Plant

Title V Annual Compliance Certification

March 1, 2009 – February 28, 2010

Ventura County Air Pollution Control Dis
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment
Form TVPF46/12-24-98 Page 1 of 2

Mr. Keith Duval
Manager
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, California 93003

Confidentiality

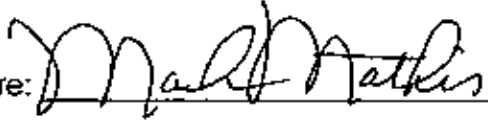
All information in a Part 70 Compliance Certification is public information. The Part 70 Permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.*

Signature and Title of Responsible Official:

Name: Mark Mathis Title: Plant Manager

Signature:  Date: 4/13/10

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

* This certification is solely as to compliance with Permit Condition Number 1 of Attachment P00036PC2. Calculations of ROC emissions based on the emission factor set forth in this Condition calculated based on natural gas consumption indicate compliance with the Condition. The ROC emissions calculated do not include any ROC emissions that may be attributable to the raw material processed in the kilns.

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
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Applicable Requirement or Part 70 Permit Condition

| | |
|---|---|
| Citation, including Attachment Number and/or Permit Condition Number: 40 CFR Part 60, Subpart 000 | Description: Standards of Performance for Nonmetallic Mineral Processing Facilities |
|---|---|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Source test and opacity readings are available upon request. A Source test of the Finished End Baghouse was required during the compliance period and the results have been previously submitted to VC-APCD. A summary of results is provided in this report in section P00036PC8. No opacity readings were requested during the compliance period.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Ventura County Air Pollution Control Dis.
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Applicable Requirement or Part 70 Permit Condition

| | |
|--|------------------------------------|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC1 Condition 1 | Description: General Recordkeeping |
|--|------------------------------------|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

1) Maintain monthly records of throughput and consumption. Monthly records are attached.

Raw Material Extruder No. 1 (E19) does not directly feed material into the kilns. Instead, raw material is fed into two holding tanks, Raw Material Tank No. 3 (E41) and Raw Material Tank No. 4 (E42). There is no way to differentiate how much raw material from the extruder process goes into Tank No. 3 or Tank No. 4.

Annual material processed through the extruders was reported to be approximately 126,564 tons. Lightweight Aggregate (LWA) produced from the kilns was reported to be approximately 94,195 tons (dry basis). Material that is processed through the extruders consists of moist clay. The clay produced through the kilns may experience a weight loss of up to 40%.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Operating Hours and Production

| | Kiln #3 | | | Kiln #4 | | | Syntron | | Total | | | |
|---------------|-------------|------------|--------------|--------------|-------------|------------|--------------|--------------|-------------|--------------|---------------|--------------|
| | Hours | % Rt | cubic yds | tons | Hours | % Rt | cubic yds | tons | Hours | Cu. Yrds | Tons | |
| Mar-09 | 286 | 38% | 4499 | 3275 | 514 | 69% | 8770 | 6223 | 341 | 800 | 13269 | 9498 |
| Apr-09 | 371 | 50% | 6286 | 3392 | 375 | 50% | 6362 | 3430 | 284 | 746 | 12638 | 6822 |
| May-09 | 407 | 55% | 6407 | 3460 | 457 | 61% | 7227 | 3903 | 348 | 864 | 13634 | 7363 |
| Jun-09 | 400 | 54% | 6082 | 3283 | 407 | 55% | 6497 | 3507 | 318 | 807 | 12579 | 6790 |
| Jul-09 | 440 | 59% | 7144 | 3855 | 515 | 69% | 8296 | 4479 | 341 | 955 | 15440 | 8334 |
| Aug-09 | 718 | 97% | 11781 | 6362 | 721 | 97% | 11968 | 6461 | 748 | 1439 | 23749 | 12823 |
| Sep-09 | 615 | 83% | 9630 | 5199 | 670 | 90% | 10653 | 5751 | 452 | 1285 | 20283 | 10950 |
| Oct-09 | 453 | 61% | 7033 | 3606 | 442 | 59% | 7563 | 4083 | 287 | 895 | 14596 | 7689 |
| Nov-09 | 495 | 67% | 8028 | 4336 | 498 | 67% | 8240 | 4449 | 349 | 991 | 16268 | 8785 |
| Dec-09 | 361 | 49% | 5700 | 3076 | 363 | 49% | 5971 | 3227 | 227 | 724 | 11671 | 6303 |
| Jan-10 | 331 | 44% | 5000 | 2699 | 318 | 43% | 4881 | 2570 | 254 | 649 | 9881 | 5269 |
| Feb-10 | 216 | 29% | 3292 | 1778 | 214 | 29% | 3315 | 1791 | 182 | 430 | 6607 | 3569 |
| Totals | 5093 | | 80882 | 44321 | 5492 | | 89733 | 49874 | 4125 | 10585 | 170615 | 94195 |
| Avg | 424 | 57% | 6740 | 3693 | 458 | 62% | 7478 | 4156 | 344 | 882 | 14218 | 7850 |

Tons are based on a average dry unit weight of 45lb

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Applicable Requirement or Part 70 Permit Condition

| | |
|---|---------------------------------------|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC1 Condition 2 | Description: Solvent Recordkeeping |
|---|---------------------------------------|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

3) N/A Maintain records of solvent purchase, usage, disposal/recycling. Solvents used for facility maintenance and repair are exempt (Rule 23.F.7 - not including use by contractors). Non-refillable aerosol <2% organic solvent are exempt. Solvents used by facility are exempt by Rule 23.F.7 and Rule 23.F.10.a, and b. Facility uses only non-volatile (<2% organic) citrus oil based cleaning agents and non refillable aerosol cleaning products

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

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Time Period Covered by Compliance Certification:

3/01/09[MM/DD/YY] to 02/28/10 [MM/DD/YY]

Ventura County Air Pollution Control Dis. X

COMPLIANCE CERTIFICATION PERMIT FORM
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Applicable Requirement or Part 70 Permit Condition

| | |
|---|--|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 1 | Description: Annual Emission Limits for Kilns 3 and 4 |
|---|--|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- Monthly and twelve month rolling records of ROC, NO_x, Sox, and CO emissions which are calculated using the fuel consumption data and emission factors provided in the permit. Records are attached
- Daily and monthly records of natural gas consumption. Records are attached

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

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Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

| Month/Year | Total MCF | MMCF/MTD | Total MMCF rolling 12 month |
|------------|-----------|----------|--------------------------------|
| Mar-08 | 32749 | 32.7 | 32.7 |
| Apr-08 | 21586 | 21.6 | 54.3 |
| May-08 | 37288 | 37.3 | 91.6 |
| Jun-08 | 33765 | 33.8 | 125.4 |
| Jul-08 | 40675 | 40.7 | 166.1 |
| Aug-08 | 40546 | 40.5 | 206.6 |
| Sep-08 | 37110 | 37.1 | 243.7 |
| Oct-08 | 39712 | 39.7 | 283.4 |
| Nov-08 | 30878 | 30.9 | 314.3 |
| Dec-08 | 28290 | 28.3 | 342.6 |
| Jan-09 | 22944 | 22.9 | 365.5 |
| Feb-09 | 25155 | 25.2 | 390.7 |

| | | | |
|--------|---------|------|-------|
| Mar-09 | 22096.4 | 22.1 | 380.0 |
| Apr-09 | 20845.5 | 20.8 | 379.3 |
| May-09 | 23785.7 | 23.8 | 365.8 |
| Jun-09 | 21234.6 | 21.2 | 353.3 |
| Jul-09 | 25861.4 | 25.9 | 338.5 |
| Aug-09 | 39415.8 | 39.4 | 337.3 |
| Sep-09 | 34782.5 | 34.8 | 335.0 |
| Oct-09 | 24417.3 | 24.4 | 319.7 |
| Nov-09 | 27795.5 | 27.8 | 316.6 |
| Dec-09 | 19876.2 | 19.9 | 308.2 |
| Jan-10 | 11988.5 | 12.0 | 297.3 |
| Feb-10 | 17510.2 | 17.5 | 289.6 |

Title V Part 70 Permit No.
Attachment

0036
P00036PC2
Natural Gas Usage
Calculated On A rolling 12 month Basis

289.6 mmcf

Roc Emissions On a rolling twelve Month period
Calculated from natural gas consumption

| | Total MMCF | TONS PER MONTH | Total Tons For Last Twelve Months |
|--------|------------|----------------|--------------------------------------|
| Mar-08 | 32.7 | 0.04585 | 0.045849 |
| Apr-08 | 21.6 | 0.03022 | 0.076069 |
| May-08 | 37.3 | 0.05220 | 0.128272 |
| Jun-08 | 33.8 | 0.04727 | 0.175543 |
| Jul-08 | 40.7 | 0.05695 | 0.232488 |
| Aug-08 | 40.5 | 0.05676 | 0.289253 |
| Sep-08 | 37.1 | 0.05195 | 0.341207 |
| Oct-08 | 39.7 | 0.05560 | 0.396803 |
| Nov-08 | 30.9 | 0.04323 | 0.440033 |
| Dec-08 | 28.3 | 0.03961 | 0.479639 |
| Jan-09 | 22.9 | 0.03212 | 0.511760 |
| Feb-09 | 25.2 | 0.03522 | 0.546977 |
| Mar-09 | 22.1 | 0.03093 | 0.532064 |
| Apr-09 | 20.8 | 0.02918 | 0.531027 |
| May-09 | 23.8 | 0.03330 | 0.512124 |
| Jun-09 | 21.2 | 0.02973 | 0.494581 |
| Jul-09 | 25.9 | 0.03621 | 0.473842 |
| Aug-09 | 39.4 | 0.05518 | 0.472260 |
| Sep-09 | 34.8 | 0.04870 | 0.469001 |
| Oct-09 | 24.4 | 0.03418 | 0.447589 |
| Nov-09 | 27.8 | 0.03891 | 0.443273 |
| Dec-09 | 19.9 | 0.02783 | 0.431494 |
| Jan-10 | 12.0 | 0.01678 | 0.416156 |
| Feb-10 | 17.5 | 0.02451 | 0.405453 |

Nox Emissions On a rolling twelve Month period

Calculated from natural gas consumption

Total MMCF TONS PER MONTH TOTAL TONS FOR LAST 12 MONTHS

| | | | |
|--------|------|------|-------|
| Mar-08 | 32.7 | 2.07 | 2.07 |
| Apr-08 | 21.6 | 1.37 | 3.44 |
| May-08 | 37.3 | 2.36 | 5.80 |
| Jun-08 | 33.8 | 2.14 | 7.93 |
| Jul-08 | 40.7 | 2.57 | 10.51 |
| Aug-08 | 40.5 | 2.57 | 13.07 |
| Sep-08 | 37.1 | 2.35 | 15.42 |
| Oct-08 | 39.7 | 2.51 | 17.93 |
| Nov-08 | 30.9 | 1.95 | 19.89 |
| Dec-08 | 28.3 | 1.79 | 21.68 |
| Jan-09 | 22.9 | 1.45 | 23.13 |
| Feb-09 | 25.2 | 1.59 | 24.72 |

| | | | |
|--------|------|------|-------|
| Mar-09 | 22.1 | 1.40 | 24.05 |
| Apr-09 | 20.8 | 1.32 | 24.00 |
| May-09 | 23.8 | 1.51 | 23.15 |
| Jun-09 | 21.2 | 1.34 | 22.35 |
| Jul-09 | 25.9 | 1.64 | 21.42 |
| Aug-09 | 39.4 | 2.49 | 21.34 |
| Sep-09 | 34.8 | 2.20 | 21.20 |
| Oct-09 | 24.4 | 1.55 | 20.23 |
| Nov-09 | 27.8 | 1.76 | 20.03 |
| Dec-09 | 19.9 | 1.26 | 19.50 |
| Jan-10 | 12.0 | 0.76 | 18.81 |
| Feb-10 | 17.5 | 1.11 | 18.33 |

Sox Emissions On a rolling twelve Month period

Calculated from natural gas consumption

| | Total MMCF | Total Tons MTD | Total Tons For Twelve Months |
|--------|------------|-------------------|---------------------------------|
| Mar-08 | 32.7 | 0.00982 | 0.00982 |
| Apr-08 | 21.6 | 0.00648 | 0.01630 |
| May-08 | 37.3 | 0.01119 | 0.02749 |
| Jun-08 | 33.8 | 0.01013 | 0.03762 |
| Jul-08 | 40.7 | 0.01220 | 0.04982 |
| Aug-08 | 40.5 | 0.01216 | 0.06198 |
| Sep-08 | 37.1 | 0.01113 | 0.07312 |
| Oct-08 | 39.7 | 0.01191 | 0.08503 |
| Nov-08 | 30.9 | 0.00926 | 0.09429 |
| Dec-08 | 28.3 | 0.00849 | 0.10278 |
| Jan-09 | 22.9 | 0.00688 | 0.10966 |
| Feb-09 | 25.2 | 0.00755 | 0.11721 |
| Mar-09 | 22.1 | 0.00663 | 0.11401 |
| Apr-09 | 20.8 | 0.00625 | 0.11379 |
| May-09 | 23.8 | 0.00714 | 0.10974 |
| Jun-09 | 21.2 | 0.00637 | 0.10598 |
| Jul-09 | 25.9 | 0.00776 | 0.10154 |
| Aug-09 | 39.4 | 0.01182 | 0.10120 |
| Sep-09 | 34.8 | 0.01043 | 0.10050 |
| Oct-09 | 24.4 | 0.00733 | 0.09591 |
| Nov-09 | 27.8 | 0.00834 | 0.09499 |
| Dec-09 | 19.9 | 0.00596 | 0.09246 |
| Jan-10 | 12.0 | 0.00360 | 0.08918 |
| Feb-10 | 17.5 | 0.00525 | 0.08688 |

Co Emissions On a rolling twelve Month period

Calculated from natural gas consumption

| | Total MMCF | TONS PER MONTH | TOTAL TONS FOR LAST 12 MONTHS |
|--------|------------|----------------|----------------------------------|
| Mar-08 | 32.7 | 0.57311 | 0.57311 |
| Apr-08 | 21.6 | 0.37776 | 0.95086 |
| May-08 | 37.3 | 0.65254 | 1.60340 |
| Jun-08 | 33.8 | 0.59089 | 2.19429 |
| Jul-08 | 40.7 | 0.71181 | 2.90610 |
| Aug-08 | 40.5 | 0.70956 | 3.61566 |
| Sep-08 | 37.1 | 0.64943 | 4.26508 |
| Oct-08 | 39.7 | 0.69496 | 4.96004 |
| Nov-08 | 30.9 | 0.54037 | 5.50041 |
| Dec-08 | 28.3 | 0.49508 | 5.99548 |
| Jan-09 | 22.9 | 0.40152 | 6.39700 |
| Feb-09 | 25.2 | 0.44021 | 6.83722 |
| Mar-09 | 22.1 | 0.38669 | 6.65079 |
| Apr-09 | 20.8 | 0.36480 | 6.63784 |
| May-09 | 23.8 | 0.41625 | 6.40155 |
| Jun-09 | 21.2 | 0.37161 | 6.18226 |
| Jul-09 | 25.9 | 0.45257 | 5.92303 |
| Aug-09 | 39.4 | 0.68978 | 5.90325 |
| Sep-09 | 34.8 | 0.60869 | 5.86252 |
| Oct-09 | 24.4 | 0.42730 | 5.59486 |
| Nov-09 | 27.8 | 0.48642 | 5.54091 |
| Dec-09 | 19.9 | 0.34783 | 5.39367 |
| Jan-10 | 12.0 | 0.20980 | 5.20195 |
| Feb-10 | 17.5 | 0.30643 | 5.06817 |

Daily & Monthly Natural Gas Usage

| Merch Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|--------------------|--------------|---------------|---------------|
| 3/1/2009 | 0 | 0 | 0 |
| 3/2/2009 | 0 | 0 | 0 |
| 3/3/2009 | 0 | 0 | 0 |
| 3/4/2009 | 0 | 0 | 0 |
| 3/5/2009 | 0 | 0 | 0 |
| 3/6/2009 | 0 | 0 | 0 |
| 3/7/2009 | 0 | 0 | 0 |
| 3/8/2009 | 0 | 0 | 0 |
| 3/9/2009 | 5 | 164 | 169 |
| 3/10/2009 | 17 | 564 | 581 |
| 3/11/2009 | 15 | 450 | 465 |
| 3/12/2009 | 13 | 611 | 624 |
| 3/13/2009 | 18 | 630 | 646 |
| 3/14/2009 | 13 | 586 | 599 |
| 3/15/2009 | 15 | 632 | 647 |
| 3/16/2009 | 13 | 622 | 635 |
| 3/17/2009 | 11 | 597 | 608 |
| 3/18/2009 | 6 | 638 | 644 |
| 3/19/2009 | 119 | 639 | 758 |
| 3/20/2009 | 698 | 829 | 1327 |
| 3/21/2009 | 732 | 819 | 1351 |
| 3/22/2009 | 722 | 812 | 1334 |
| 3/23/2009 | 700 | 840 | 1340 |
| 3/24/2009 | 607 | 611 | 1218 |
| 3/25/2009 | 598 | 602 | 1200 |
| 3/26/2009 | 651 | 611 | 1262 |
| 3/27/2009 | 664 | 628 | 1292 |
| 3/28/2009 | 701 | 554 | 1255 |
| 3/29/2009 | 675 | 686 | 1361 |
| 3/30/2009 | 737 | 645 | 1382 |
| 3/31/2009 | 761 | 641 | 1402 |
| March Total | 8,489 | 13,811 | 22,100 |

| April Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|------------------|-------------|-------------|----------|
| 4/1/2009 | 757 | 640 | 1397 |
| 4/2/2009 | 705 | 613 | 1318 |
| 4/3/2009 | 598 | 579 | 1175 |
| 4/4/2009 | 706 | 615 | 1321 |
| 4/5/2009 | 722 | 601 | 1323 |
| 4/6/2009 | 714 | 627 | 1341 |
| 4/7/2009 | 722 | 641 | 1363 |
| 4/8/2009 | 580 | 506 | 1086 |
| 4/9/2009 | 547 | 525 | 1072 |
| 4/10/2009 | 700 | 602 | 1302 |
| 4/11/2009 | 661 | 625 | 1286 |
| 4/12/2009 | 691 | 617 | 1308 |
| 4/13/2009 | 638 | 607 | 1245 |
| 4/14/2009 | 693 | 550 | 1243 |
| 4/15/2009 | 711 | 583 | 1294 |
| 4/16/2009 | 714 | 528 | 1242 |
| 4/17/2009 | 294 | 236 | 530 |
| 4/18/2009 | 0 | | |
| 4/19/2009 | 0 | | |
| 4/20/2009 | 0 | | |
| 4/21/2009 | 0 | | |
| 4/22/2009 | 0 | | |
| 4/23/2009 | 0 | | |
| 4/24/2009 | 0 | | |
| 4/25/2009 | 0 | | |
| 4/26/2009 | 0 | | |
| 4/27/2009 | 0 | | |
| 4/28/2009 | 0 | | |
| 4/29/2009 | 0 | | |
| 4/30/2009 | 0 | | |
| April Total | 11,151 | 9,695 | 20,846 |

| May Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|------------------|---------------|-------------|---------------|
| 5/1/2009 | 0 | 0 | |
| 5/2/2009 | 0 | 0 | |
| 5/3/2009 | 0 | 0 | |
| 5/4/2009 | 0 | 0 | |
| 5/5/2009 | 0 | 0 | |
| 5/6/2009 | 0 | 0 | |
| 5/7/2009 | 0 | 0 | |
| 5/8/2009 | 0 | 0 | |
| 5/9/2009 | 0 | 0 | |
| 5/10/2009 | 83 | 82 | 165 |
| 5/11/2009 | 1043 | 186 | 1229 |
| 5/12/2009 | 1356 | 0 | 1356 |
| 5/13/2009 | 1358 | 0 | 1358 |
| 5/14/2009 | 1255 | 0 | 1255 |
| 5/15/2009 | 1258 | 0 | 1258 |
| 5/16/2009 | 1289 | 0 | 1289 |
| 5/17/2009 | 1316 | 0 | 1316 |
| 5/18/2009 | 1278 | 0 | 1278 |
| 5/19/2009 | 644 | 0 | 644 |
| 5/20/2009 | 29 | 0 | 29 |
| 5/21/2009 | 835 | 0 | 835 |
| 5/22/2009 | 1334 | 0 | 1334 |
| 5/23/2009 | 1262 | 0 | 1262 |
| 5/24/2009 | 347 | 0 | 347 |
| 5/25/2009 | 1259 | 0 | 1259 |
| 5/26/2009 | 1170 | 0 | 1170 |
| 5/27/2009 | 1277 | 0 | 1277 |
| 5/28/2009 | 940 | 0 | 940 |
| 5/29/2009 | 652 | 0 | 652 |
| 5/30/2009 | 1245 | 0 | 1245 |
| 5/31/2009 | 1252 | 0 | 1252 |
| May Total | 22,482 | 268 | 22,750 |

| June Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|-------------------|---------------|-------------|---------------|
| 6/1/2009 | 1266 | 0 | 1266 |
| 6/2/2009 | 1334 | 0 | 1334 |
| 6/3/2009 | 1280 | 0 | 1280 |
| 6/4/2009 | 1240 | 0 | 1240 |
| 6/5/2009 | 1100 | 0 | 1100 |
| 6/6/2009 | 1056 | 0 | 1056 |
| 6/7/2009 | 1213 | 0 | 1213 |
| 6/8/2009 | 1244 | 0 | 1244 |
| 6/9/2009 | 1256 | 0 | 1256 |
| 6/10/2009 | 1262 | 0 | 1262 |
| 6/11/2009 | 1254 | 0 | 1254 |
| 6/12/2009 | 1271 | 0 | 1271 |
| 6/13/2009 | 1202 | 0 | 1202 |
| 6/14/2009 | 1232 | 0 | 1232 |
| 6/15/2009 | 1330 | 0 | 1330 |
| 6/16/2009 | 1249 | 0 | 1249 |
| 6/17/2009 | 1294 | 0 | 1294 |
| 6/18/2009 | 151 | 0 | 151 |
| 6/19/2009 | 0 | 0 | 0 |
| 6/20/2009 | 0 | 0 | 0 |
| 6/21/2009 | 0 | 0 | 0 |
| 6/22/2009 | 0 | 0 | 0 |
| 6/23/2009 | 0 | 0 | 0 |
| 6/24/2009 | 0 | 0 | 0 |
| 6/25/2009 | 0 | 0 | 0 |
| 6/26/2009 | 0 | 0 | 0 |
| 6/27/2009 | 0 | 0 | 0 |
| 6/28/2009 | 0 | 0 | 0 |
| 6/29/2009 | 0 | 0 | 0 |
| 6/30/2009 | 0 | 0 | 0 |
| June Total | 21,234 | 0 | 21,234 |

| July Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|-------------------|---------------|--------------|---------------|
| 7/1/2009 | 0 | | |
| 7/2/2009 | 0 | | |
| 7/3/2009 | 0 | | |
| 7/4/2009 | 0 | | |
| 7/5/2009 | 0 | | |
| 7/6/2009 | 0 | | |
| 7/7/2009 | 0 | | |
| 7/8/2009 | 0 | | |
| 7/9/2009 | 0 | | |
| 7/10/2009 | 941 | | 941 |
| 7/11/2009 | 1234 | | 1234 |
| 7/12/2009 | 1200 | | 1200 |
| 7/13/2009 | 1279 | | 1279 |
| 7/14/2009 | 1266 | | 1266 |
| 7/15/2009 | 1289 | | 1289 |
| 7/16/2009 | 1310 | | 1310 |
| 7/17/2009 | 1309 | | 1309 |
| 7/18/2009 | 667 | 655 | 1322 |
| 7/19/2009 | 673 | 652 | 1325 |
| 7/20/2009 | 644 | 657 | 1301 |
| 7/21/2009 | 659 | 639 | 1298 |
| 7/22/2009 | 682 | 637 | 1299 |
| 7/23/2009 | 653 | 655 | 1318 |
| 7/24/2009 | 643 | 618 | 1261 |
| 7/25/2009 | 644 | 630 | 1274 |
| 7/26/2009 | 647 | 624 | 1271 |
| 7/27/2009 | 644 | 599 | 1243 |
| 7/28/2009 | 664 | 617 | 1281 |
| 7/29/2009 | 14 | 615 | 629 |
| 7/30/2009 | 602 | | 602 |
| 7/31/2009 | 610 | | 610 |
| July Total | 18,264 | 7,598 | 25,862 |

| August Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|---------------------|---------------|---------------|---------------|
| 8/1/2009 | 414 | 603 | 1017 |
| 8/2/2009 | 632 | 584 | 1216 |
| 8/3/2009 | 636 | 596 | 1232 |
| 8/4/2009 | 652 | 603 | 1255 |
| 8/5/2009 | 657 | 621 | 1278 |
| 8/6/2009 | 656 | 614 | 1270 |
| 8/7/2009 | 663 | 606 | 1269 |
| 8/8/2009 | 676 | 621 | 1297 |
| 8/9/2009 | 661 | 636 | 1297 |
| 8/10/2009 | 585 | 571 | 1156 |
| 8/11/2009 | 655 | 644 | 1299 |
| 8/12/2009 | 672 | 656 | 1328 |
| 8/13/2009 | 656 | 634 | 1290 |
| 8/14/2009 | 684 | 192 | 876 |
| 8/15/2009 | 656 | 854 | 1310 |
| 8/16/2009 | 680 | 653 | 1313 |
| 8/17/2009 | 653 | 620 | 1273 |
| 8/18/2009 | 640 | 620 | 1260 |
| 8/19/2009 | 637 | 663 | 1300 |
| 8/20/2009 | 685 | 670 | 1355 |
| 8/21/2009 | 596 | 655 | 1251 |
| 8/22/2009 | 675 | 647 | 1322 |
| 8/23/2009 | 680 | 662 | 1342 |
| 8/24/2009 | 627 | 652 | 1279 |
| 8/25/2009 | 680 | 642 | 1322 |
| 8/26/2009 | 704 | 648 | 1352 |
| 8/27/2009 | 677 | 645 | 1322 |
| 8/28/2009 | 680 | 658 | 1338 |
| 8/29/2009 | 682 | 665 | 1347 |
| 8/30/2009 | 683 | 654 | 1337 |
| 8/31/2009 | 668 | 656 | 1324 |
| August Total | 20,182 | 19,245 | 39,427 |

| September Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|------------------------|---------------|---------------|---------------|
| 9/1/2009 | 131 | 185 | 316 |
| 9/2/2009 | 67 | 673 | 740 |
| 9/3/2009 | 612 | 624 | 1236 |
| 9/4/2009 | 626 | 618 | 1244 |
| 9/5/2009 | 632 | 589 | 1231 |
| 9/6/2009 | 644 | 597 | 1241 |
| 9/7/2009 | 635 | 588 | 1223 |
| 9/8/2009 | 102 | 615 | 717 |
| 9/9/2009 | 1 | 613 | 614 |
| 9/10/2009 | 556 | 606 | 1162 |
| 9/11/2009 | 655 | 600 | 1255 |
| 9/12/2009 | 649 | 588 | 1237 |
| 9/13/2009 | 650 | 592 | 1242 |
| 9/14/2009 | 664 | 606 | 1270 |
| 9/15/2009 | 623 | 569 | 1192 |
| 9/16/2009 | 670 | 625 | 1295 |
| 9/17/2009 | 679 | 626 | 1305 |
| 9/18/2009 | 714 | 653 | 1367 |
| 9/19/2009 | 634 | 528 | 1162 |
| 9/20/2009 | 684 | 600 | 1284 |
| 9/21/2009 | 714 | 281 | 995 |
| 9/22/2009 | 659 | 540 | 1199 |
| 9/23/2009 | 572 | 513 | 1085 |
| 9/24/2009 | 665 | 618 | 1283 |
| 9/25/2009 | 665 | 688 | 1333 |
| 9/26/2009 | 663 | 682 | 1345 |
| 9/27/2009 | 664 | 654 | 1318 |
| 9/28/2009 | 665 | 646 | 1311 |
| 9/29/2009 | 676 | 632 | 1308 |
| 9/30/2009 | 678 | 620 | 1298 |
| September Total | 17,249 | 17,539 | 34,788 |

| October Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|----------------------|---------------|---------------|---------------|
| 10/1/2009 | 687 | 136 | 823 |
| 10/2/2009 | 666 | 86 | 752 |
| 10/3/2009 | 635 | 623 | 1258 |
| 10/4/2009 | 628 | 558 | 1186 |
| 10/5/2009 | 598 | 578 | 1176 |
| 10/6/2009 | 114 | 621 | 735 |
| 10/7/2009 | 68 | 629 | 697 |
| 10/8/2009 | 638 | 570 | 1208 |
| 10/9/2009 | 617 | 607 | 1224 |
| 10/10/2009 | 621 | 627 | 1248 |
| 10/11/2009 | 681 | 609 | 1290 |
| 10/12/2009 | 692 | 607 | 1299 |
| 10/13/2009 | 712 | 621 | 1333 |
| 10/14/2009 | 701 | 622 | 1323 |
| 10/15/2009 | 692 | 627 | 1319 |
| 10/16/2009 | 693 | 612 | 1305 |
| 10/17/2009 | 677 | 615 | 1292 |
| 10/18/2009 | 680 | 614 | 1294 |
| 10/19/2009 | 701 | 618 | 1319 |
| 10/20/2009 | 728 | 636 | 1364 |
| 10/21/2009 | 648 | 328 | 976 |
| 10/22/2009 | 0 | | |
| 10/23/2009 | 0 | | |
| 10/24/2009 | 0 | | |
| 10/25/2009 | 0 | | |
| 10/26/2009 | 0 | | |
| 10/27/2009 | 0 | | |
| 10/28/2009 | 0 | | |
| 10/29/2009 | 0 | | |
| 10/30/2009 | 0 | | |
| 10/31/2009 | 0 | | |
| October Total | 12,877 | 11,544 | 24,421 |

| November Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|-----------------------|---------------|---------------|---------------|
| 11/1/2009 | 709 | 638 | 1347 |
| 11/2/2009 | 679 | 627 | 1306 |
| 11/3/2009 | 680 | 641 | 1321 |
| 11/4/2009 | 695 | 646 | 1341 |
| 11/5/2009 | 612 | 652 | 1264 |
| 11/6/2009 | 703 | 652 | 1355 |
| 11/7/2009 | 727 | 650 | 1377 |
| 11/8/2009 | 719 | 616 | 1335 |
| 11/9/2009 | 662 | 602 | 1264 |
| 11/10/2009 | 679 | 627 | 1306 |
| 11/11/2009 | 704 | 632 | 1336 |
| 11/12/2009 | 701 | 629 | 1330 |
| 11/13/2009 | 751 | 630 | 1381 |
| 11/14/2009 | 698 | 571 | 1269 |
| 11/15/2009 | 671 | 626 | 1297 |
| 11/16/2009 | 737 | 558 | 1295 |
| 11/17/2009 | 729 | 608 | 1337 |
| 11/18/2009 | 268 | 982 | 1250 |
| 11/19/2009 | 702 | 624 | 1326 |
| 11/20/2009 | 743 | 648 | 1391 |
| 11/21/2009 | 734 | 635 | 1369 |
| 11/22/2009 | 0 | | |
| 11/23/2009 | 0 | | |
| 11/24/2009 | 0 | | |
| 11/25/2009 | 0 | | |
| 11/26/2009 | 0 | | |
| 11/27/2009 | 0 | | |
| 11/28/2009 | 0 | | |
| 11/29/2009 | 0 | | |
| 11/30/2009 | 0 | | |
| November Total | 14,303 | 13,494 | 27,797 |

| December Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|-----------------------|---------------|--------------|---------------|
| 12/1/2009 | 0 | | |
| 12/2/2009 | 145 | 154 | 299 |
| 12/3/2009 | 683 | 601 | 1284 |
| 12/4/2009 | 590 | 617 | 1207 |
| 12/5/2009 | 720 | 622 | 1342 |
| 12/6/2009 | 701 | 612 | 1313 |
| 12/7/2009 | 735 | 597 | 1332 |
| 12/8/2009 | 698 | 569 | 1267 |
| 12/9/2009 | 712 | 586 | 1298 |
| 12/10/2009 | 687 | 560 | 1247 |
| 12/11/2009 | 676 | 566 | 1242 |
| 12/12/2009 | 687 | 594 | 1281 |
| 12/13/2009 | 654 | 547 | 1201 |
| 12/14/2009 | 707 | 609 | 1316 |
| 12/15/2009 | 733 | 617 | 1350 |
| 12/16/2009 | 742 | 607 | 1349 |
| 12/17/2009 | 618 | 590 | 1208 |
| 12/18/2009 | 193 | 148 | 341 |
| 12/19/2009 | 0 | | |
| 12/20/2009 | 0 | | |
| 12/21/2009 | 0 | | |
| 12/22/2009 | 0 | | |
| 12/23/2009 | 0 | | |
| 12/24/2009 | 0 | | |
| 12/25/2009 | 0 | | |
| 12/26/2009 | 0 | | |
| 12/27/2009 | 0 | | |
| 12/28/2009 | 0 | | |
| 12/29/2009 | 0 | | |
| 12/30/2009 | 0 | | |
| 12/31/2009 | 0 | | |
| December Total | 10,681 | 9,196 | 19,877 |

| January Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|----------------------|--------------|--------------|---------------|
| 1/1/2010 | 0 | | |
| 1/2/2010 | 0 | | |
| 1/3/2010 | 0 | | |
| 1/4/2010 | 0 | | |
| 1/5/2010 | 0 | | |
| 1/6/2010 | 0 | | |
| 1/7/2010 | 0 | | |
| 1/8/2010 | 0 | | |
| 1/9/2010 | 0 | | |
| 1/10/2010 | 0 | | |
| 1/11/2010 | 0 | | |
| 1/12/2010 | 0 | | |
| 1/13/2010 | 0 | | |
| 1/14/2010 | 0 | | |
| 1/15/2010 | 0 | | |
| 1/16/2010 | 0 | | |
| 1/17/2010 | 0 | | |
| 1/18/2010 | 683 | 552 | 1235 |
| 1/19/2010 | 705 | 588 | 1293 |
| 1/20/2010 | 713 | 572 | 1285 |
| 1/21/2010 | 710 | 587 | 1297 |
| 1/22/2010 | 689 | 572 | 1261 |
| 1/23/2010 | 733 | 607 | 1340 |
| 1/24/2010 | 723 | 589 | 1312 |
| 1/25/2010 | 690 | 571 | 1261 |
| 1/26/2010 | 675 | 540 | 1215 |
| 1/27/2010 | 673 | 540 | 1213 |
| 1/28/2010 | 670 | 544 | 1214 |
| 1/29/2010 | 699 | 583 | 1282 |
| 1/30/2010 | 625 | 464 | 1089 |
| 1/31/2010 | 665 | 548 | 1213 |
| January Total | 9,653 | 7,857 | 17,510 |

| February Production | Kiln #3 mcf | Kiln #4 mcf | Main Gas |
|-----------------------|--------------|--------------|---------------|
| 2/1/2010 | 447 | 407 | 854 |
| 2/2/2010 | 645 | 538 | 1183 |
| 2/3/2010 | 704 | 595 | 1299 |
| 2/4/2010 | 711 | 580 | 1291 |
| 2/5/2010 | 692 | 570 | 1262 |
| 2/6/2010 | 687 | 563 | 1250 |
| 2/7/2010 | 688 | 567 | 1255 |
| 2/8/2010 | 695 | 581 | 1276 |
| 2/9/2010 | 617 | 531 | 1148 |
| 2/10/2010 | 632 | 539 | 1171 |
| 2/11/2010 | 0 | | |
| 2/12/2010 | 0 | | |
| 2/13/2010 | 0 | | |
| 2/14/2010 | 0 | | |
| 2/15/2010 | 0 | | |
| 2/16/2010 | 0 | | |
| 2/17/2010 | 0 | | |
| 2/18/2010 | 0 | | |
| 2/19/2010 | 0 | | |
| 2/20/2010 | 0 | | |
| 2/21/2010 | 0 | | |
| 2/22/2010 | 0 | | |
| 2/23/2010 | 0 | | |
| 2/24/2010 | 0 | | |
| 2/25/2010 | 0 | | |
| 2/26/2010 | 0 | | |
| 2/27/2010 | 0 | | |
| 2/28/2010 | 0 | | |
| February Total | 6,518 | 5,471 | 11,989 |

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Applicable Requirement or Part 70 Permit Condition Attachment
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Applicable Requirement or Part 70 Permit Condition

| | |
|--|--|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 2 | Description: NOx Emission Limits for Kilns 3 and 4 |
|--|--|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- The hourly emissions of NOX are limited to 6.9 and 5.6lbs/hr for Kiln 3 and 4 respectively.
- Source testing is done every twelve months for NOx and CO using ARB method 100.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring. "

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Ventura County Air Pollution Control District
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Applicable Requirement or Part 70 Permit Condition

| | |
|---|--------------------------|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 3 | Description: NOx CO CEMS |
|---|--------------------------|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

• NOx and CO CEMS are required to be installed and operated. CEMS were installed prior to January 1, 2007. Monthly reports were previously submitted to the District for the compliance period of March 1 2009 through February 28 2010. **A summary is attached**

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring indicate any exceedances, if applicable? An *exceedance* is defined as "a condition detected by monitoring that provides data in terms of an emission limitation or that indicates that emissions (or opacity) are greater than the applicable emission standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Ventura County Air Pollution Control District
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Applicable Requirement or Part 70 Permit Condition

| | |
|---|--------------------------|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 3 | Description: NOx CO CEMs |
|---|--------------------------|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

• NOx and CO CEMS are required to be installed and operated. CEMs were installed prior to January 1, 2007. Monthly reports were previously submitted to the District for the compliance period of March 1 2009 through February 28 2010. A summary is attached

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Pacific Custom Materials
Permit Number 0036

Break down Periods
GM-31 NOX Break down summary
March 1, 2009 - February 28, 2010

| Device | Date | Period | Comment |
|--------|------------|---------|--|
| GM-31 | 4/14/2009 | 11:00pm | K-4 had a lamp fault, the lamp was replaced |
| GM-31 | 8/10/2009 | 12:00 | K-3 & K-4 stamped an error due to power outage. |
| GM-31 | 11/11/2009 | 3:00 | K-4 Stamped an Invalid due to Rebooting the CEMs computer. |
| GM-31 | 1/7/2010 | 9:00 | K-3 & K-4 stamped Invalid due to Edison maintenance |
| | | | |
| | | | |
| | | | |
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| | | | |

Data_Periods_09/10

Ventura County Air Pollution Control District
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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number
and/or Permit Condition Number: P00036PC2
Condition 4

Description: Records for
CEMS

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- It is required to record and maintain the CEM's data for NOx and CO.
- Monthly reports were previously sent to the district.
- A missing data summary is attached.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Pacific Custom Materials
 Permit Number 0036
 PO0036PC2 Condition 4

Missing Data Periods
Missing GM-31 NOx and Flow Data Summary
 March 1, 2009 - February 28, 2010

| Device | Date | Period | Comment |
|-----------|-------------|------------|--|
| K-3 GM-31 | 4/5/2009 | 2am | Missing data due to time change |
| K-4 GM-31 | 4/5/2009 | 2am | Missing data due to time change |
| K-4 GM-31 | 4/14/2009 | 10pm | Invalid data for the hour due to maintenaceing the lamp |
| K-3 GM-31 | 6/22/2009 | 1pm | Missing data due to power off for electrical work. |
| K-4 GM-31 | 6/22/2009 | 1pm | Missing data due to power off for electrical work. |
| GM-31 | 9/1/2009 | 12 to 1500 | K-3 & K-4 Missing data due to an software up grade on computer. |
| GM-31 | 1/7 to 1/15 | | Missing data due to edison and the computer not getting turned back on, this was during a shut down. |
| GM-31 | 2/19/2010 | 2/28/2010 | K-4 missing data due to lost power at the stack this was during a plant shut down. |
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Missing_Data_Periods_09/10

Pacific Custom Materials
 Permit Number 0036
 PO0036PC2 Condition 4

Missing Data Periods
Missing GM-35 CO and Flow Data Summary
 March 1, 2009 - February 28, 2010

| Device | Date | Period | Comment |
|-----------|-------------|------------|--|
| K-3 GM-35 | 4/5/2009 | 2am | Missing data due to time change |
| K-4 GM-35 | 4/5/2009 | 2am | Missing data due to time change |
| K-3 GM-35 | 6/22/2009 | 1pm | Missing data due to power off for electrical work. |
| K-4 GM-35 | 6/22/2009 | 1pm | Missing data due to power off for electrical work. |
| GM-35 | 9/1/2009 | 12 to 1500 | K-3 & K-4 Missing data due to an software up grade on computer. |
| GM-31 | 1/7 to 1/15 | | Missing data due to edison and the computer not getting turned back on, this was during a shut down. |
| GM-35 | 2/19/2010 | 2/28/2010 | K-4 missing data due to lost power at the stack. this was during a plant shut down. |
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Missing_Data_Periods_09/10

Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
 Applicable Requirement or Part 70 Permit Condition Attachment
 Form TVPF46/12-24-98 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

| | |
|---|---|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 5 | Description: Reporting emissions violations |
|---|---|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- District rule 103 requires NOx and/or CO emissions violations be reported in writing to the district with in 92 hours.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/12-24-98 Page 2 of 2

6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Santa Clara County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment
 Form TVPF46/12-24-98 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number
and/or Permit Condition Number: P00036PC2
Condition 6

Description: CEMS data

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- The CEM's system measures concentration in parts per million by volume (ppmv) and calculates the mass emissions rate in pounds per hour (lb/hr)

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/12-24-98 Page 2 of 2

6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

Pacific Custom Materials
Permit to Operate 0036

Summary of Excess Emissions
GM-31 Nox Emissions
March 1, 2009 - February 28, 2010

| Device | Date | Time | Nox Emissions Excess (lb/hr) | Comment |
|--------|-----------|---------|------------------------------|---|
| GM-31 | 4/14/2009 | 11:00pm | 1.2 | After further investigation this hour was found to be invalid on Kiln #4 due to the system only having sixteen minutes of data. |
| GM-31 | 8/18/2009 | 12:00am | 0.05 | The kiln burner thought he would punch a 5.2 but soon found the Nox was high lowering the gas but it was to late in the hour for kiln#4 to adjust |
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Ventura County Air Pollution Control District
COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment
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Applicable Requirement or Part 70 Permit Condition

| | |
|---|----------------------------------|
| Citation, including Attachment Number and/or Permit Condition Number: P00036PC2 Condition 7 | Description: Annual RATA testing |
|---|----------------------------------|

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

- District rule 103 requires a relative accuracy test every twelve months for NOx and CO. on Kiln #3 and kiln #4
- TRC environmental RATA tested Kiln #3 May 27, 2009. Kiln #4 May 29, 2009. The test results were previously submitted to the district. DATA summary is attached.

2. Yes No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?

3. Please indicate if this compliance determination method is continuous or intermittent:

- Continuous - As indicated by a continuous monitoring device
 Intermittent - As indicated by non-continuous periodic monitoring

4. Yes No. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An *excursion* is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."

5. Yes No During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An *exceedance* is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

COMPLIANCE CERTIFICATION PERMIT FORM
Applicable Requirement or Part 70 Permit Condition Attachment

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6. Yes No

During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?

7.

If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.

8.

If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

3/01/09 [MM/DD/YY] to 02/28/10 [MM/DD/YY]

RELATIVE ACCURACY CALCULATIONS - SO₂ (ppm, dry)

Pacific Customs Materials-TXI
Fraizer Park Kiln 3

27-May-09

| Run Number | Run Time | Test Values (RM) ppm, dry | | Plant CEM Values (M) ppm, dry | | Difference | |
|------------|-------------|------------------------------|------------------|----------------------------------|------------------|------------|-----------------|
| | | Runs not Used for RA | Runs Used for RA | Runs not Used for RA | Runs Used for RA | di | di ² |
| 1 | 12:02-12:32 | | 30.08 | | 30.63 | -0.55 | 0.30 |
| 2 | 12:51-13:21 | | 29.12 | | 31.12 | -2.00 | 4.00 |
| 3 | 13:42-14:12 | | 29.67 | | 31.17 | -1.50 | 2.25 |
| 4 | 14:28-14:58 | | 34.76 | | 35.73 | -0.97 | 0.94 |
| 5 | 15:17-15:47 | | 25.55 | | 26.30 | -0.75 | 0.57 |
| 6 | 19:50-20:20 | | 30.67 | | 31.45 | -0.78 | 0.61 |
| 7 | 20:34-21:04 | | 24.26 | | 25.07 | -0.81 | 0.66 |
| 8 | 21:17-21:47 | | 33.42 | | 35.57 | -2.15 | 4.64 |
| 9 | 22:01-22:31 | | 29.35 | | 31.46 | -2.11 | 4.47 |
| 10 | 22:45-23:15 | 27.95 | | 30.82 | | | |

RM = 29.65

Plant Mean = 30.95
di = -1.2928

CONSTANTS

| t-VALUES TABLE | | | | | | | |
|----------------|--------|---|--------|----|--------|----|--------|
| n | t0.975 | n | t0.975 | n | t0.975 | n | t0.975 |
| 2 | 12.706 | 6 | 2.571 | 10 | 2.262 | 14 | 2.160 |
| 3 | 4.303 | 7 | 2.447 | 11 | 2.228 | 15 | 2.145 |
| 4 | 3.182 | 8 | 2.365 | 12 | 2.201 | 16 | 2.131 |
| 5 | 2.776 | 9 | 2.306 | 13 | 2.179 | | |

CALCULATIONS

Standard Deviation = 0.6516
 CC = 0.5008
 n, number of valid test runs = 9
 t0.975, t-Value from table = 2.306

RELATIVE ACCURACY

$$RA (\%) = (|d| + |CC|) / RM \times 100 = \boxed{6.05}$$

RELATIVE ACCURACY CALCULATIONS - SO₂ (lb/hr)

Pacific Customs Materials-TX1
Fraizer Park K/In 3

27-May-09

| Run Number | Run Time | Test Values (RM) lb/hr | | Plant CEM Values (M) lb/hr | | Difference | |
|------------|-------------|---------------------------|------------------|-------------------------------|------------------|------------|-----------------|
| | | Runs not Used for RA | Runs Used for RA | Runs not Used for RA | Runs Used for RA | di | di ² |
| 1 | 12:02-12:32 | | 5.31 | | 5.54 | -0.23 | 0.05 |
| 2 | 12:51-13:21 | | 5.08 | | 5.58 | -0.50 | 0.25 |
| 3 | 13:42-14:12 | | 5.11 | | 5.70 | -0.59 | 0.35 |
| 4 | 14:28-14:58 | 5.80 | | 6.65 | | | |
| 5 | 15:17-15:47 | | 4.61 | | 4.90 | -0.29 | 0.08 |
| 6 | 19:50-20:20 | | 5.48 | | 5.82 | -0.34 | 0.12 |
| 7 | 20:34-21:04 | | 4.41 | | 4.78 | -0.37 | 0.14 |
| 8 | 21:17-21:47 | | 6.14 | | 6.80 | -0.66 | 0.44 |
| 9 | 22:01-22:31 | | 5.39 | | 6.04 | -0.65 | 0.42 |
| 10 | 22:45-23:15 | | 4.99 | | 5.71 | -0.72 | 0.52 |

RM = 5.17
AS = 7.6

di = -0.4833
Plant Mean = 5.65

CONSTANTS

| t-VALUES TABLE | | | | | | | |
|----------------|--------|---|--------|----|--------|----|--------|
| n | t0.975 | n | t0.975 | n | t0.975 | n | t0.975 |
| 2 | 12.706 | 6 | 2.571 | 10 | 2.262 | 14 | 2.160 |
| 3 | 4.303 | 7 | 2.447 | 11 | 2.228 | 15 | 2.145 |
| 4 | 3.182 | 8 | 2.365 | 12 | 2.201 | 16 | 2.131 |
| 5 | 2.776 | 9 | 2.306 | 13 | 2.179 | | |

CALCULATIONS

Standard Deviation = 0.1808
CC = 0.1390
n, number of valid test runs = 9
t0.975, t-Value from table = 2.306

RELATIVE ACCURACY

$$RA (\%) = (|d| + |CC|) / RM \times 100 = \boxed{12.04}$$

RELATIVE ACCURACY CALCULATIONS - NO_x (ppm, dry)

Pacific Customs Materials-TXI
Fraizer Park Kiln 3

27-May-09

| Run Number | Run Time | Test Values (RM) ppm, dry | | Plant CEM Values (M) ppm, dry | | Difference | | |
|------------|-------------|------------------------------|------------------|----------------------------------|------------------|------------|-----------------|------|
| | | Runs not Used for RA | Runs Used for RA | Runs not Used for RA | Runs Used for RA | di | di ² | |
| 1 | 12:02-12:32 | | 16.71 | | 17.28 | -0.57 | 0.33 | |
| 2 | 12:51-13:21 | | 16.85 | | 17.66 | -0.81 | 0.65 | |
| 3 | 13:42-14:12 | | 17.85 | | 18.66 | -0.81 | 0.65 | |
| 4 | 14:28-14:58 | | 18.23 | | 18.34 | -0.11 | 0.01 | |
| 5 | 15:17-15:47 | 21.78 | | 22.74 | | | | |
| 6 | 19:50-20:20 | | | | 14.44 | 14.43 | 0.01 | 0.00 |
| 7 | 20:34-21:04 | | | | 16.35 | 16.66 | -0.31 | 0.10 |
| 8 | 21:17-21:47 | | | | 16.66 | 17.26 | -0.60 | 0.36 |
| 9 | 22:01-22:31 | | | | 18.36 | 18.70 | -0.34 | 0.11 |
| 10 | 22:45-23:15 | | | | 19.66 | 20.16 | -0.50 | 0.25 |

RM = 17.23

di = -0.4483

Plant Mean = 17.68

CONSTANTS

| t-VALUES TABLE | | | | | | | |
|----------------|--------|---|--------|----|--------|----|--------|
| n | t0.975 | n | t0.975 | n | t0.975 | n | t0.975 |
| 2 | 12.706 | 6 | 2.571 | 10 | 2.262 | 14 | 2.160 |
| 3 | 4.303 | 7 | 2.447 | 11 | 2.228 | 15 | 2.145 |
| 4 | 3.182 | 8 | 2.365 | 12 | 2.201 | 16 | 2.131 |
| 5 | 2.776 | 9 | 2.306 | 13 | 2.179 | | |

CALCULATIONS

Standard Deviation = 0.2861
 CC = 0.2199
 n, number of valid test runs = 9
 t0.975, t-Value from table = 2.306

RELATIVE ACCURACY

$$RA (\%) = (|d| + |CC|) / RM \times 100 = \boxed{3.88}$$

RELATIVE ACCURACY CALCULATIONS - NO_x (lb/hr)

Pacific Customs Materials-TX1
Fraizer Park Kiln 3

27-May-09

| Run Number | Run Time | Test Values (RM) lb/hr | | Plant CEM Values (M) lb/hr | | Difference | | | |
|------------|-------------|---------------------------|------------------|-------------------------------|------------------|------------|-----------------|-------|------|
| | | Runs not Used for RA | Runs Used for RA | Runs not Used for RA | Runs Used for RA | di | di ² | | |
| 1 | 12:02-12:32 | | 2.12 | | 2.24 | -0.12 | 0.01 | | |
| 2 | 12:51-13:21 | | 2.11 | | 2.27 | -0.16 | 0.03 | | |
| 3 | 13:42-14:12 | | 2.21 | | 2.45 | -0.24 | 0.06 | | |
| 4 | 14:28-14:58 | 2.18 | | 2.46 | | | | | |
| 5 | 15:17-15:47 | | | | 2.82 | | 3.04 | -0.22 | 0.05 |
| 6 | 19:50-20:20 | | | | 1.85 | | 1.92 | -0.07 | 0.00 |
| 7 | 20:34-21:04 | | | | 2.13 | | 2.28 | -0.15 | 0.02 |
| 8 | 21:17-21:47 | | | | 2.20 | | 2.37 | -0.17 | 0.03 |
| 9 | 22:01-22:31 | | | | 2.42 | | 2.58 | -0.16 | 0.03 |
| 10 | 22:45-23:15 | | 2.52 | | 2.68 | -0.16 | 0.03 | | |

RM =

2.26

Plant Mean =

di =

-0.1611

2.43

CONSTANTS

| t-VALUES TABLE | | | | | | | |
|----------------|--------|---|--------|----|--------|----|--------|
| n | t0.975 | n | t0.975 | n | t0.975 | n | t0.975 |
| 2 | 12.706 | 6 | 2.571 | 10 | 2.262 | 14 | 2.160 |
| 3 | 4.303 | 7 | 2.447 | 11 | 2.228 | 15 | 2.145 |
| 4 | 3.182 | 8 | 2.365 | 12 | 2.201 | 16 | 2.131 |
| 5 | 2.776 | 9 | 2.306 | 13 | 2.179 | | |

CALCULATIONS

Standard Deviation = 0.0499
 CC = 0.0383
 n, number of valid test runs = 9
 t0.975, t-Value from table = 2.306

RELATIVE ACCURACY

$$RA (\%) = (|d| + |CC|) / RM \times 100 = \boxed{8.81}$$