

# Arcosa lightweight LWFP LLC

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

May 13, 2021

Mr. Ed Swede  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, California 93003

RECEIVED  
VENTURA COUNTY  
2021 MAY 18 AM 11:34  
A.P.C.D.

RE: Title V Annual Compliance Report

Dear Mr. Swede:

Enclosed is the 2020 to 2021 Title V Annual Compliance Certification with supporting documentation.

### **Certification by Responsible Official**

I certify that based on a belief formed after reasonable inquiry, the statements and information in this Annual Compliance Certification are true, accurate and complete.

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

Sincerely,



Frank Parra  
Plant Manager

Richard Stemen  
Environmental/QC Technical Lead



Ventura County  
Air Pollution  
Control District

**ANNUAL COMPLIANCE CERTIFICATION  
SIGNATURE COVER FORM**

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Mr. Gerardo Rios, Chief  
Permits Office (AIR-3)  
Office of Air Division  
EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105


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**Confidentiality**

All information in a Part 70 permit 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: Frank Parra   Title: Plant Manager	Date: 05-13-2021
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Time Period Covered by Compliance Certification <u>04</u> / <u>01</u> / <u>2020</u> (MM/DD/YY) to <u>03</u> / <u>31</u> / <u>2021</u> (MM/DD/YY)
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Ventura County  
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**RESPONSIBLE OFFICIAL'S  
CERTIFICATION FORM**

Ventura County APCD Rule 33.9 requires that *“any document, including reports, schedule of compliance progress reports and compliance certifications, required by a Part 70 permit shall be certified by a responsible official.”* Therefore, this form shall be signed by the company’s Responsible Official and submitted with all such reports, including, but not limited to semi-annual reports, deviation and emergency reports and any periodic reports required by a Part 70 permit. However, when submitting your Annual Compliance Certifications, please use the form titled Annual Compliance Certification Signature Cover Form.


Semi-annual reports, deviations and emergency reports and any periodic reports required by your Part 70 permit should be submitted to:

Ed Swede  
Air Quality Engineer  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

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2021 MAY 19 AM 11:35

**Certification by Responsible Official**

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document is true, accurate, and complete.

<p>Signature and Title of Responsible Official:</p> <p>Signature: <u></u></p> <p>Title: <u>Plant Manager</u> <span style="float: right;">Frank Parra</span></p>	<p>Date: 05-13-2021</p>
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Ventura County  
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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 - NOx Compliance Testing (Three Run Average)			B. Pollutant: NOx
C. Measured Emission Rate: 2.84 lb/hr	D. Limited Emission Rate: 6.9 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 NOx (RATA Results - ppmvd , Dry)			B. Pollutant: NOx
C. Measured Emission Rate: 6.05% Relative Accuracy	D. Limited Emission Rate: Equal to or lesser than 20% of the Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - NOx (RATA Results -lb/hr)			B. Pollutant: NOx
C. Measured Emission Rate: 8.06% Relative Accuracy	D. Limited Emission Rate: Equal to or lesser than 20% of the Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28,2020

A. Emission Unit Description: Kiln #3 - CO Compliance Testing (Three Run Average)			B. Pollutant: CO
C. Measured Emission Rate: 43.6 ppmvd (Dry)	D. Limited Emission Rate: 2000 ppmvd	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28,2020

A. Emission Unit Description: Kiln #3 - CO (RATA Results - ppmvd - Average of Test)			B. Pollutant: CO
C. Measured Emission Rate: 1.2% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 10% of applicable standard	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: <b>Kiln #3 - CO (Rata Results - lbs/hr)</b>			B. Pollutant: <b>CO</b>
C. Measured Emission Rate: 1.24% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 10% of applicable standard	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: <b>Kiln #3 - PM10 Compliance Testing (Three Run Average) - Rule #52</b>			B. Pollutant: <b>PM10</b>
C. Measured Emission Rate: 0.0206 gr/dscf	D. Limited Emission Rate: 0.0638 gr/dscf	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: <b>Kiln #3 - PM10 Compliance Testing (Three Run Average) - Rule 53</b>			B. Pollutant: <b>PM10</b>
C. Measured Emission Rate: 3.48 lbs/hr	D. Limited Emission Rate: 12.54 lbs/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: <b>Kiln #3 - PM Compliance Testing (Three Run Average) - PO00036PC3</b>			B. Pollutant: <b>PM</b>
C. Measured Emission Rate: 0.266 lbs/ton process weight	D. Limited Emission Rate: 0.2748 lbs/ton process weight	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: <b>Kiln #3 - Stack Flow (RATA Results in DSTFM)</b>			B. Pollutant: <b>Stack Flow</b>
C. Measured Emission Rate: 2.94% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 - SO2 Compliance Testing (Three Run Average)			B. Pollutant: SO2
C. Measured Emission Rate: 3.12 lbs/hr	D. Limited Emission Rate: 7.61 lbs/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - SO2 (RATA Results - ppmvd, Dry)			B. Pollutant: SO2
C. Measured Emission Rate: 9.81% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - SO2 (Rata Results - lbs/hr)			B. Pollutant: SO2
C. Measured Emission Rate: 7.77% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - SO2 (RATA Results, ppmvd Dry @ 15% O2)			B. Pollutant: SO2
C. Measured Emission Rate: 8.65% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - SO2 Compliance Testing - SO2 Compliance Testing - Ru132 54.B.1.a.10 (ppmvd @15% O2)			B. Pollutant: SO2
C. Measured Emission Rate: 22.0 ppmvd	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #3 - O2 (Rata Results)			B. Pollutant: O2
C. Measured Emission Rate: 0.422% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 10% of applicable standard	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 NOx @ 3% O2 Compliance Testing (Three Run Average)			B. Pollutant: NOx
C. Measured Emission Rate: 65.5 ppmvd	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #3 - NOx (RATA Results - ppmvd @ 3%O2 Dry)			B. Pollutant: NOx
C. Measured Emission Rate: 10.61 % Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 NOx Compliance Testing (Three Run Average)			B. Pollutant: NOx
C. Measured Emission Rate: 2.62 lb/hr	D. Limited Emission Rate: 5.6 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 NOx RATA Results - ppmvd, Dry)			B. Pollutant: NOx
C. Measured Emission Rate: 7.30% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 - NOx (RATA Results - lb/hr)			B. Pollutant: NOx
C. Measured Emission Rate: 7.65% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - NOx (Compliance Testing @ 3% O2 - Three Run Average)			B. Pollutant: NOx
C. Measured Emission Rate: 56.1 ppmvd	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - NOx (RATA Results @ 3% O2 - ppmvd)			B. Pollutant: NOx
C. Measured Emission Rate: 16.92% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - CO (Compliance Testing - Three Run Average)			B. Pollutant: CO
C. Measured Emission Rate: 36.8 ppmvd	D. Limited Emission Rate: 2,000 ppmvd	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 CO (RATA RESULTS - ppmvd)			B. Pollutant: CO
C. Measured Emission Rate: 0.69% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 10% of applicable standard	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020





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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 - CO (RATA Results - lb/hr)			B. Pollutant: CO
C. Measured Emission Rate: 0.75% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 10% of applicable standard	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - PM10 (Compliance Testing - Three Run Average) - Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0136 gr/dscf	D. Limited Emission Rate: 0.0581 gr/dscf	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - PM10 Compliance Testing (Three Run Average) - Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 3.03 lb/hr	D. Limited Emission Rate: 12.78 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - PM Compliance Testing - (Three Run Average) - PO00036PC3			B. Pollutant: PM
C. Measured Emission Rate: 0.166 lb/tons process weight	D. Limited Emission Rate: 0.2748 lb/ton process weight	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - Stack Flow (RATA Results - dscfm)			B. Pollutant: Stack Flow
C. Measured Emission Rate: 6.01% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 -SO2 Compliance Testing (ThreeRun Average)			B. Pollutant: SO2
C. Measured Emission Rate: 4.02 lb/hr	D. Limited Emission Rate: 8.28 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - SO2 (RATA Results - ppmvd, Dry)			B. Pollutant: SO2
C. Measured Emission Rate: 14.21% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - SO2 (RATA Results - lb/hr)			B. Pollutant: SO2
C. Measured Emission Rate: 18.66% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 20% of The Reference Method	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - SO2 (RATA Results - ppmvd, Dry @ 15% O2)			B. Pollutant: SO2
C. Measured Emission Rate: 6.54% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 1% Difference for % O2	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln #4 - SO2 Compliance Testing -Rule 54.B.1.10 (ppmvd @ 15% O2)			B. Pollutant: SO2
C. Measured Emission Rate: 21.6 ppmvd	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Kiln #4 -O2 - Compliance Testing (Three Run Average)			B. Pollutant: O2
C. Measured Emission Rate: 16.41 ppmvd	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Kiln#4 - O2 (RATA Results)			B. Pollutant: O2
C. Measured Emission Rate: 0.216% Relative Accuracy	D. Limited Emission Rate: RA Equal to or lesser than 1% Difference for % O2	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Raw Plant Baghouse - PM10 Compliance Testing (Three Run Average) -Rule -52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0017 gr/dscf	D. Limited Emission Rate: 0.0825 gr/dscf	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Raw Plant Baghouse - PM10 Compliance Testing (Three Run Average) - Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 0.15 lb/hr	D. Limited Emission Rate: 12.1 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0135 lb/ton process weight	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020



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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Emission Unit Description: Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 53			B. Pollutant: PM10
C. Measured Emission Rate: 0.010 lb/hr	D. Limited Emission Rate: 11.9 lb/hr	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.00068 gr/dscf	D. Limited Emission Rate: 0.1446 gr/dscf	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description: Finished End Baghouse - PM10 Compliance Testing (Three Run Average) -Rule 52			B. Pollutant: PM10
C. Measured Emission Rate: 0.0010 lb/ton process weight	D. Limited Emission Rate: -----	E. Specific Source Test or Monitoring Record Citation: Horizon Source Testing	F. Test Date: September 28, 2020

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #7</p>	<p>D. Frequency of monitoring: Annual RATA - see attached Source Test Form</p>
<p>B. Description: Annual RATA Testing for CEMS.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100 and ARB Method 2</p>
<p>C. Method of monitoring: - Annual Realative Accuracy Testing of CO and NOx CEMS using ARB Method 100 for NOx and CO and Stack Oxygen. ARB Method 2 for exhaust flow.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #1</p>	<p>D. Frequency of monitoring: Production records Attached in Appendix A</p>
<p>B. Description: Production limit parameters and particulate matter emission limits for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Daily, monthly and 12 month rolling average records of lightweight aggregate</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #2</p>	<p>D. Frequency of monitoring: Annual - see attached Source test Form</p>
<p>B. Description: Particulate matter emission limits for Kiln #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>C. Method of monitoring: - Particulate emissions are limited to 0.2748 lbs/hr of lightweight aggreded process for each Kiln #3 and #4. Testing by CARB Method 5 to be done once every 12 months.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #7</p>	<p>D. Frequency of monitoring: Annual RATA - see attached Source Test Form</p>
<p>B. Description: Annual RATA Testing for CEMS.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100 and ARB Method 2</p>
<p>C. Method of monitoring: - Annual Realative Accuracy Testing of CO and NOx CEMS using ARB Method 100 for NOx and CO and Stack Oxygen. ARB Method 2 for exhaust flow.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #1</p>	<p>D. Frequency of monitoring: Production records Attached in Appendix A</p>
<p>B. Description: Production limit parameters and particulate matter emission limits for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Daily, monthly and 12 month rolling average records of lightweight aggregate</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #2</p>	<p>D. Frequency of monitoring: Annual - see attached Source test Form</p>
<p>B. Description: Particulate matter emission limits for Kiln #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>C. Method of monitoring: - Particulate emissions are limited to 0.2748 lbs/hr of lightweight aggregated process for each Kiln #3 and #4. Testing by CARB Method 5 to be done once every 12 months.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment 50 -Rule 50 - Opacity - Condition #1</p>	<p>D. Frequency of monitoring: ACC and per requirement shownbelow in Conditions #2,#3, and #4</p>
<p>B. Description: General Applicable Requirements</p> <p>No discharge from any single source air contaminats for period aggregating more than 3 minutes that are darker in shade than Ringelmann Chart - #1 a published by US Bureau of Mines, unless by Rule 50.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <ul style="list-style-type: none"> <li>- Routine, periodic surveillance and visual inspections with details per Conditions #2, #3 and #4.</li> <li>- ACC</li> </ul>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 50- Rule 50 -Opacity -Condition #2</p>	<p>D. Frequency of monitoring: ACC and periodic routine surveys and inspections.</p>
<p>B. Description: General Applicable Requirement</p> <p>Periodic survey and visual inspections. A record shall be kept of visible emissions other than uncombined water greater than 0% for periods agregating more than 3 minutes in any one hour. Records shall include the date, time and identity of emissions unit . If visible emission problem cannot be corrected within 24 hours, permittee shall provide verbal notification to the District within the subqsquent 24 hours.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:</p> <ul style="list-style-type: none"> <li>- Periodic surveys and visible inspection.</li> <li>- Records maintained and submitted to the District upon request.</li> <li>- ACC</li> </ul>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 50 -Rule 50 - Opacity - Condition #3</p>	<p>D. Frequency of monitoring: Visible Emissions in Appendix E</p>
<p>B. Description: General Applicable Requirements</p> <p>On a quarterly basis, verify all emission units are complying with Rule 50.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity via EPA Method 9</p>
<p>C. Method of monitoring:</p> <ul style="list-style-type: none"> <li>- Submit quarterly compliance verifications with ACC and shall include a formal survey identifying the date, time, emission unit and verification that there are no visible emission other than combined water greater than 0% or an alternative. The quarterly verifications shall include a formal survey identifying the date, time, emission unit and verification that there are no visible emissions for a perios aggregating 3 minutes in any 1 hour equivalent to 20% opacity and greater as determined by a person certified to read EPA Method 9 or other approved method.</li> </ul>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 50 - Rule 50 -Condition #4</p>	<p>D. Frequency of monitoring: ACC and per FDRP</p>
<p>B. Description: General Applicable Requirements Maintain and implement a Fugitive Dust Reduction Plan (FDRP), The FDRP shall include: the use of dust suppressant or chemical stabilizer, use of paved area and rumble gates or gravel pads to minimize track-out and use of posted speed limits on unpaved haul roads.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Records and reports shall be maintained at the facility (and submitted to the District upon Request). - Monitoring, recordkeeping and report required by FDRP, Fugitive Dust Plan was prepared June 6, 2006. Records are maintained for application of water and routine plant surveillance.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 54.B.1-36 - Rule 54.B.1</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements Per Rule 54, for units excluding Kilns #3 and #4, that combust gas or liquid fuels, No discharges of sulfur compounds (that are liquid or gas at the standard conditions in excess) of 300 ppm by volume from any combustion operation.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, Source Test per EPA Methods: 6, 6A, 6C, 8, 15 &amp; 16 A &amp; B, as applicable.</p>
<p>C. Method of monitoring: - ACC - O2 Monitoring requirement is to be installed under Rule 54.B.1, installed by September 2014. So that sulfur dioxide concentrations can be reported on a dry basis, corrected to 15%. - Exhaust gas oxygen content.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>I</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u> *If yes, attach Deviation Summary Form page 1of 2</p>

<p>A. Attachment # or Permit Condition #: Attachment 54.B.2 - Sulfur Compounds</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements Rule 54.B.2-36 - Sulfur compounds from combustion units excluding Kilns #3 and #4. Sulfur compounds that are gas or liquid at standard condition shall show no results in average ground or sea level concentrations at or beyond the property line in excess of 0.25 ppmv averaged over a 1 hour period or 0.04 ppmv averaged over any 24 hour period. Upon district request, determine ground or sea level concentrations of SO2.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, Source Test per EPA Methods: 6, 6A, 6C, 8, 15 &amp; 16 A &amp; B, as applicable</p>
<p>C. Method of monitoring: - ACC - This facility is not required to maintain fuel or exhaust analysis to demonstrate compliance with Rule 54.B.2, because there are no additional process combustion emission units and Kilns #3 and #4 are excluded.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>





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<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #3</p>	<p>D. Frequency of monitoring: Recordkeeping</p>
<p>B. Description: Particulate and opacity emission limits for Kilns #3 and #4. Monitoring and recordkeeping requirements are contained in condition 5, specifically 5.b.3. (Rule 26)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Kilns are to have baghouses installed and no visible emissions from Kiln: hoods, seals and exhaust ducts (upstream of the baghouses). Records are to be kept on-site per other conditions of permit.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #4</p>	<p>D. Frequency of monitoring: Baghouse Leak detector monitored during affected source operating hours</p>
<p>B. Description: -Opacity limits for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9 and Method 22</p>
<p>C. Method of monitoring: - Permittee shall not discharge into the atmosphere more than 3 minutes in one hour darker than Ringelman #1 or 20% opacity. - The baghouse is equipped with CPM 750 baghouse leak detector with alarm indicator when the alarm indicates a leak, the Kiln operator will do a visible inspection for dust. (EPA Method 9 and EPA Method 22)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #5</p>	<p>D. Frequency of monitoring: Daily, monthly and quarterly logs</p>
<p>B. Description: Kilns #3 and #4 baghouse inspection observations and recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Daily, weekly and quarterly baghouse inspection logs.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #6</p>	<p>D. Frequency of monitoring: Annual - Stack Test per Condition #2</p>
<p>B. Description: Particulate Matter per VCAPCD Rules 52 and 53 for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Annual Stack Testing CARB Method 5. Permit PO00036PC3 Condition #2 is deemed more stringent than Rules 52 and 53 so monitoring requirements for this rule meets this requirement (as stated by PO00036PC3 Condition #7).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #7</p>	<p>D. Frequency of monitoring: Annual - see attached Source Test Form</p>
<p>B. Description: Particulate Matter limits per VCAPCD Rules 52 and 53 for Kiln #3 and #4. Compliance Evaluation Condition. Stating with Permit PO00036PC3 - Condition #2 is more stringent than Rules 52 and 53, so than Condition #2 shall be used for Rules 52 and 53.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>C. Method of monitoring: - Annual Stack Testing CARB Method 5 per Permit PO00036PC3 - Condition #2</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition #8</p>	<p>D. Frequency of monitoring: Annual - see attached Source Test Form</p>
<p>B. Description: Particulate Matter emission limits and recordkeeping for CAM for Kiln #3 and #4.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 5</p>
<p>C. Method of monitoring: - Recordkeeping logs for daily inspections, baghouse pressure drop and baghouse temperatures. Installation of baghouse leak detector with semi-annual inspections. Annual CARB Method 5 testing and as needed EPA Method 9.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC3 - Condition#9</p>	<p>D. Frequency of monitoring: Monthly Report to VCAPCD</p>
<p>B. Description: Monthly report submittal of clay processed, baghouse temperatures and Leak Detection System.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Monthly Report to VCAPCD</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC4</p>	<p>D. Frequency of monitoring: Recordkeeping and ACC</p>
<p>B. Description: Rule 26 - Standby Feed System  The standby raw materials feed system shall not be operated simultaneously with the primary raw plant material feed system.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Recordkeeping demonstrating compliance. A control system interlock has been installed to prevent simultaneous operations of these two systems. - Compliance Statement: In reporting period the standby raw materials feed system was not operated simultaneously with the primary raw materials feed system.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC5 - Condition #1</p>	<p>D. Frequency of monitoring: Recordkeeping</p>
<p>B. Description: Rule 26 - Extrusion Process using Diesel #2 or Bio-diesel only.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC5 - Condition #2</p>	<p>D. Frequency of monitoring: Recordkeeping</p>
<p>B. Description: Rule 26 - Extrusion Process using Diesel #2 or Bio-diesel annual use 150,000 gallons/year.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC5 - Condition #3</p>	<p>D. Frequency of monitoring: Recordkeeping and VCAPCD Monthly Report</p>
<p>B. Description: Rule 26 - Extrusion Process using Diesel #2 used as an additive and Bio-diesel and shall be summed for the previous 12 calendar months.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Recordkeeping - VCAPCD Monthly Report</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC5 -Condition #4</p>	<p>D. Frequency of monitoring: - Monthly Report to VCAPCD</p>
<p>B. Description: Extrusion Process using Diesel #2 or Bio-diesel reporting to VCAPCD monthly of deliveries, amount and supplier.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Monthly Report to VCAPCD</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 64.B.1 Sulfur content gaseous fuels</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements  <b>Rule 64.B.1 - Sulfur Content of Fuels</b>            No fuel shall burn fuel containing sulfur compounds in excess of 50 grains per 100 cubic feet of gaseous fuel (788 ppmv). If only PUC regulated natural gas, propane or butane is combusted, it will be assumed that the permittee is complying with Rule 64. Records of annual and quarterly testing if gas is other than PUC - quality gas, propane or butane.</p>	<p>E. Source test reference method, if applicable.            Attach Source Test Summary Form, if applicable            SCAQMD 307-94, ASTM D1072-90,            ASTM D4180-88 or ASTM 4084 (If applicable)</p>
<p>C. Method of monitoring:            - ACC            - No testing required if gas is PUC quality and only PUC regulated Natural Gas purchases (bills) are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 64.B.2 - Sulfur Content Liquid Fuels</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements  <b>Rule 64.B.2 Sulfur Content of Fuel - Liquid Fuel Requirements</b>            No burning of liquid fuels with sulfur in excess of 5% by weight. If only ARB - quality reformulated gasoline or ARB - certified diesel fuel is being combusted at the facility, it will be assumed the the permitted is complying with Rule 64 without additional periodic monitoring requirements. But records must be maintained to substantiate the use of these.</p>	<p>E. Source test reference method, if applicable.            Attach Source Test Summary Form, if applicable            N/A</p>
<p>C. Method of monitoring:            - ACC            - Facility only uses ARB - certified liquid fuels and maintains records of the fuels            - If other than ARB reformulated gasoline or ARB certified diesel fuels is being combusted, the permitted shall obtain the fuel suppliers certification or shall test the sulfur content of the fuel and the fuel suppliers certification or fuel test per each delivery shall be submitted with the ACC.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.6</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements  <b>Rule 74.6 Solvent cleaning and degreasing</b>            Maintain current solvent information            Routine surveillance of solvent cleaning activities. Upon request, solvent testing.            If applicable, measurement of freeboard height and drain hole area for cold cleaners.</p>	<p>E. Source test reference method, if applicable.            Attach Source Test Summary Form, if applicable            N/A</p>
<p>C. Method of monitoring:            - ACC            - The facility uses Non-ROC and aerosol solvents except per Condition #11. Only surface cleaners with non-reactive organic compounds are used (citrus oil based products) . The facility shall maintain records showing the solvents used.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #1</p>	<p>D. Frequency of monitoring: Consumption data and calculations attached in Appendix B</p>
<p>B. Description: Rule 26 Annual Natural Gas consumption limits for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Daily and monthly records of natural gas consumption - Twelve month rolling records of natural gas consumption - ACC including natural gas consumption</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #2</p>	<p>D. Frequency of monitoring: ACC - see attached Source Test Form</p>
<p>B. Description: Rules 26, 68 and 103 NOx and CO emission limits for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100</p>
<p>C. Method of monitoring: - ACC - Once every 12 months NOx, CO and O2 monitored ARB Method 100. Exhaust flow monitored ARB Method 2 - Hourly emissions of NOx are limited to 6.9 and 5.6 lbs/hr for Kilns 3 and 4 respectively. - Hourly emissions of CO are limited to 2000 PPM for Kiln 3 and 4</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #3</p>	<p>D. Frequency of monitoring: Annual - see attached Source Test Form and Appendix G CEMS Log</p>
<p>B. Description: Rules 103 NOx and CO CEMS for Kiln #3 and #4, Per 40 CFR Part 51, Appendix P, Sections 3.0 to 3.9.5.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA</p>
<p>C. Method of monitoring: - ACC - CEMS installed for NOx and CO - Relative Accuracy (RA) for CEMS every 12 Months and NOx, CO and O2 monitored ARB 100. Exhaust flow monitored ARB Method 2. - Monthly reports have been submitted, summary attached.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #4</p>	<p>D. Frequency of monitoring: Annual - see attached Source Test Form</p>
<p>B. Description: Rule 103.B.2. Recordkeeping NOx and CO CEMS for Kilns #3 and #4</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA</p>
<p>C. Method of monitoring: - ACC - Record average concentrations, calibrations and other requirements of CEMS - Monthly reports previously submitted, summary attached.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #5</p>	<p>D. Frequency of monitoring: Within in 96 hours NOX and CO violations reported in writing</p>
<p>B. Description: Reporting emissions violations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - District Rule 103-96 hour written notification of violations of NOx and/or CO.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC2 - Condition #6</p>	<p>D. Frequency of monitoring: CEM continuous data collection during affected source operating hours</p>
<p>B. Description: - CEMS Data</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - CEMS measure concentration in parts per million by volume (ppmv) and calculates mass emission rates to pounds per hour (lbs/hr).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC7 - Conditions #1, #2, #5 and #6</p> <p>B. Description: 40CFR Part 60, Subpart OOO visual dust limits and monitoring.</p> <p>C. Method of monitoring: - Quarterly dust evaluation of affected sources per applicable emission limits in Rule 50 and 40CFR Part 60, Subpart OOO requiremnets utilizing EPA Method 9 or other methods as approved by VCAPCD.</p>	<p>D. Frequency of monitoring: Quarterly readings are attached in Appendix E</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: PO00036PC7 -Conditions #3 and #4</p> <p>B. Description: Installation and monitoring of water sprays for fugitive dust control. The Permittee shall inspect all water spray to ensure that it is working properly every two weeks</p> <p>C. Method of monitoring: - Recordkeeping Log of inspections conducted every two weeks on water spray equipment.</p>	<p>D. Frequency of monitoring: Water Spray Logs are in Appendix F</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: PO00036PC8 - Conditions #1, #2 and #3</p> <p>B. Description: Particulate Matter emissions for Finished End Baghouse</p> <p>C. Method of monitoring: - Recordkeeping of baghouse inspections and maintenance. - Annual Particulate Testing with CARB Method 5. EPA Method #9 as applicable.</p>	<p>D. Frequency of monitoring: Annual - see attached Source Test Form</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method #5</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>





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<p>A. Attachment # or Permit Condition #: PO00036PC8, Conditions #5 &amp; #6</p>	<p>D. Frequency of monitoring: Recordkeeping: daily, weekly and quarterly. Attached in Appendix E.</p>
<p>B. Description: Particulate Matter Emissions visible emissions limit 20% for the Finished End Baghouse, inspections and recordkeeping.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Recording of baghouse inspections and maintenance on a daily, weekly and quarterly basis. - Logs to be kept on-site for VCAPCD review upon request.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC9, Condition 1, 2, 3, 4, 8, 9, 10 and 11</p>	<p>D. Frequency of monitoring: Annual RATA and Source Testing. Hourly CEM emissions recordkeeping and lime usage.</p>
<p>B. Description: Sulfur Dioxide (SO<sub>x</sub>) emission limits and monitoring for Kilns #3 and #4. Installation and recordkeeping of SO<sub>x</sub> CEMS and compliance with 7.61 lbs/hr for Kiln #3 and 8.28 lbs/hr for Kiln #4; not to exceed 300 ppm by volume. Requires installation of lime injection system as control measure.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable As attached Source Test Form Annual RATA</p>
<p>C. Method of monitoring: - Install and maintain a SO<sub>x</sub> CEMS and perform Annual RATA and Source Testing. CEMS recordkeeping to have hourly and annual SO<sub>x</sub> emissions calculated. Installation of lime injection system and recordkeeping of hourly usage rates. - Installation of O<sub>2</sub> CEMs so that the SO<sub>x</sub> can be reported on a dry basis corrected to 15% exhaust gas content.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>I</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u></p> <p>*If yes, attach Deviation Summary Form Page 2 of 2</p>

<p>A. Attachment # or Permit Condition #: PO00036PC9 - Conditions #5 and #7</p>	<p>D. Frequency of monitoring: Monthly lime reports and CEM data provided to VCAPCD</p>
<p>B. Description: SO<sub>x</sub> real time data access and monthly lime usage report.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Monthly reports to VCAPCD of the amount and data of lime deliveries. - SO<sub>x</sub> CEMS data is provided to VCAPCD by real time modern access.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC10, Conditions #5 &amp; #6</p>	<p>D. Frequency of monitoring: Daily, weekly, quarterly and annually.</p>
<p>B. Description: Rules 26, 50, 52 and 53: Particulate Matter Emission Requirements for the Raw Material Baghouse</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Methods 5 and 9</p>
<p>C. Method of monitoring: - ACC - Daily, weekly and quarterly baghouse inspections. - PM Source Test every twelve (12) months.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC11 - Condition #1</p>	<p>D. Frequency of monitoring: ACC; monthly and twelve-month rolling average</p>
<p>B. Description: Permitted Throughput and Consumption Limit Table Material processed at the Portable Screening Plant shall not exceed 1,080,000 tons per year. The permittee shall maintain records and monthly reports of the tons of material processed through the Portable Screening Plant. (Rule 26)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Monthly records and twelve-month rolling average.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC11 - Condition #2</p>	<p>D. Frequency of monitoring: ACC; and recordkeeping at the site.</p>
<p>B. Description: Water Sprays, or an equivalent moisture content greater than or equal to 3% by weight shall be used and maintained where and when necessary to control fugitive emissions from the screening plant and stockpiles. Moisture Content shall be determined every six months using the most recent version of ASTM Method C-566. The moisture content results shall be dated and maintained at the facility and shall be submitted to the District with the ACC. (Rule 26)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Six month records kept at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.11.1 - Water Heaters and Boilers</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements  <b>Rule 74.211.1 Large Water Heaters and Small Boilers</b>            After December 31, 2000, no installation of any new unit with the rate heat input capacity of greater than or equal to 75,000 BTU/hr at this stationary source. Application may be made in the future installation of large water heater or small boilers.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:            - ACC            - N/A, there are no water heater, boilers, steam generators or process heaters with a rated heat input capacity of greater than 75,000 BTU/hr at this stationary source.            - Application may be made in the future installation of large water heater or small boiler.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.22 - Central Furnace</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: General Applicable Requirements  <b>Rule 73.22 - Natural Gas Central Furnace</b>            1. No person shall sell, offer for sale or install in this district any natural-gas fired, fan type central furnace with NOx (oxides of nitrogen) emissions in excess of 40 nanograms per joule of heat output.            2. No person shall sell, offer for sale or install in this District any natural gas fired, fan type central furnace unless it is certified and identified in accordance with Section C.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:            - ACC            - Not required. Application to potential future installations. Except per Condition #3 All current heaters were installed prior to May 31, 1995.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.1 - Abrasive Blasting</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description:            General requirements for Short-term activities.  <b>Rule 74.1 - Abrasive Blasting</b>            Routine surveillance and visual inspections and records of abrasive blasting operation.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring:            - ACC            - Visible Emission Evaluation (VEE) - Section 92400 of CCR. Maintain abrasive blasting records. No sandblasting operations occurred at the facility during the Compliance Certification period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u>            G. Compliance Status? (C or I): <u>C</u>            H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u>            *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 74.2</p>	<p>D. Frequency of monitoring: ACC and routine periodic monitoring</p>
<p>B. Description: Rule 74.2 Architectural Coating The VOC content of architectural coatings shall not exceed the following standards, unless exempt: VOC in flat coatings less than 100 grams/liter; VOC in non-flat coatings &lt; 15 gram/liter of coating, excluding water, exempt compounds and colorant; VOC content of non-flat high gloss coatings, 250 gram/liter of coating, excluding water, exempt organics. None used during this reporting period.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable VOC: EPA Method 24 / CARB Method 432; Acid content: ASTM D1613-95; Metal : SCAQMD 311-91</p>
<p>C. Method of monitoring: - ACC - Routine surveillance and periodic inspection of coatings used for containers with volume &gt;1 liter and excluding aerosol coatings; maintain VOC records of inspections and actions taken, including maintaining records for non-exempt coatings used at the site, if any. Submit information to District upon request.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 74.29 - N3 Soil Decontamination</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: Rule 74.29 Soil Decontamination Operations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - No monitoring necessary; no soil decontamination / aeration took place at the facility during the compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Rule 26 and 40 CFR Part 60 Subpart OOO, 08.31.83</p>	<p>D. Frequency of monitoring: ACC; as requested by the VCAPCD</p>
<p>B. Description: Standards of Performance for Nonmetallic Mineral Processing Facilities for equipment installed after August 31, 1983 and before April 22, 2008.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable None requested in addition to required compliance testing, EPA Methods 5, 9, 17 and 22</p>
<p>C. Method of monitoring: - Source Tests and opacity readings upon request of VCAPCD. - EPA Methods 5, 9, 17 and 22 - ACC</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #2</p>	<p>D. Frequency of monitoring: ACC and Source Test</p>
<p>B. Description: General Applicable Requirements</p> <p>The Permittee shall not discharge into the atmosphere from the exhaust stack of the Raw Plant Material Baghouse particulate matter in excess of the following limits: Meet particulate Matter (PM) emissions of Rule 26 &amp; 52, as shown by: 1. By Annual Source Test for PM with Method CARB 5 2. Per Rule 26, submit test protocol 30 days prior to the test report and results to be submitted to APCD within 45 days after test.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See attached Source Test Summary Form</p>
<p>C. Method of monitoring: - ACC - Source Test results</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #3</p>	<p>D. Frequency of monitoring: ACC and recordkeeping.</p>
<p>B. Description: As Per Rule 26, baghouse dust collectors for applicable equipment maintained in good working order and dust handled in an enclosed screw conveyor.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Maintenance Records</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036 PC11 - Condition #3</p>	<p>D. Frequency of monitoring: ACC and recordkeeping.</p>
<p>B. Description: The Moisture results shall be dated and maintained at the facility and shall be submitted to the District with the ACC. (Rule 26)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Initial Method 9 Source Test - ACC and recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 55 - Condition #6</p>	<p>D. Frequency of monitoring: ACC and recordkeeping.</p>
<p>B. Description: General Applicabl Reequirements Comply with recordkeeping requirement in Rule 55, as applicable.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Records and reports maintained at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55 - Condition #7</p>	<p>D. Frequency of monitoring: ACC and recordkeeping.</p>
<p>B. Description: Permittee shall certify on a annual basis that all applicable sources of dust at the stationary source are operating in compliance with Rule 55.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC10 - rev 261 - Condition #1</p>	<p>D. Frequency of monitoring: ACC</p>
<p>B. Description: Rule 26 -New Source Review Raw Material Baghouse shall be installed to meet specified requirements and control particulate emissions from specific equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 40CFR61.M</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: National Emission Standard for Asbestos.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - No Asbestos demolition or renovation took place during compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC1 - Condition #1</p>	<p>D. Frequency of monitoring: Monthly throughput and consumption records (Attached in Appendix A &amp; B as applicable)</p>
<p>B. Description: Rule 26 General Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Submittal of ACC - Monthly records of throughput and consumption</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO00036PC1 - Condition #2</p>	<p>D. Frequency of monitoring: Annual compliance statement. Recordkeeping of nonexempt solvent usage - N/A for this reporting period.</p>
<p>B. Description: Rule 29 Solvent Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Records of solvent purchases and usage. As applicable to VCACPD rules. Solvent used for facility maintenance and repair exempt (Rule 23.F.7 - not including by contractors). Nonfillable aerosol &lt;2% organic solvents exempt. Solvents used by the facility are exempt by Rule 23.F.7 and 23.F.10.a &amp; b. Facility only uses non-volatile (&lt;2% organic) citrus oil based cleaning agents and non-refillable aerosol cleaning products.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: 40 CFR Part 60 Subpart OOO (4.22.08), Condition #4</p> <p>B. Description: Any transfer point on an enclosed conveyor belt must comply with the above limits or the enclosure must have no visible emissions from vent. The vent shall comply with the limits for Condition #1.</p>	<p>D. Frequency of monitoring: ACC; routine and periodic visible emission monitoring</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Routine periodic visible emissions monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40CFR Part 60, Subpart OOO (4.22.08), Condition #5</p> <p>B. Description: Stack emissions from baghouses controlling emissions from an individual enclosed storage bin shall not exhibit equal to /greater than 7% opacity.</p>	<p>D. Frequency of monitoring: Annual Stack Test - See attached Source Test Form</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 5, 9 and/or 22</p>
<p>C. Method of monitoring: - ACC - Stacks are tested annually in accordance with permit conditions</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #6, #7 &amp; #8</p> <p>B. Description: Condition #6: Emission concentration and opacity limits shall not apply to truck dumping of nonmetallic minerals, start-up, shut-down or malfunction. Condition #7: The permittee shall maintain records of occurrences and duration of start-up, shut-down or malfunction. Condition #8: Upon request by the District, the permittee shall perform emissions tests to determine compliance with the emissions limits and opacity requirements</p>	<p>D. Frequency of monitoring: ACC, recordkeeping</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: - ACC - Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>





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<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #13</p>	<p>D. Frequency of monitoring: ACC and Quarterly Observations Records</p>
<p>B. Description: The permittee shall report any changes in the process material from saturated to unsaturated material within 30 days following such change. At the time of such change, the screening operation, bucket elevator or belt conveyor, becomes subject to the opacity standards.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Quarterly Inspection</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55- Fugitive Dust , Condition #1</p>	<p>D. Frequency of monitoring: ACC; Routine periodic observations and recordkeeping.</p>
<p>B. Description: As Per Applicable Requiements of Rule 55.B.1 No discharge of fugitive dust from applicable source and track-out more than 50 feet from the property boundary or more than midway across adjacent roadway.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Method 9</p>
<p>C. Method of monitoring: - ACC - Monitoring , recordkeeping and reports required by the Fugitive Dust Reduction Plan (FDRP). The FDRP includes: the use of dust suppressant/chemical stablizer, use of paved area or gravel pads to minimize track-out and use of posted speed limit signs on unpaved haul roads.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #2</p>	<p>D. Frequency of monitoring: ACC; Periodic observations and recordkeeping</p>
<p>B. Description: As Per General Applicatible requirements Rule 55.B.2 No discharge of fugitive dusts from applicable source such that emission from source creates equal to / greater than 20% opacity for more than 3 minutes (cumulative) within any 1 hour.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Periodic routine visible observations - ACC</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #3</p>	<p>D. Frequency of monitoring: Periodic visible observations, recordkeeping and ACC</p>
<p>B. Description: No track-out to extend 25 feet or more in length unless specific control measure is utilized: either track-out area improvement, track-out prevention or track-out removal.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Records of periodic observations - ACC</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #4</p>	<p>D. Frequency of monitoring: ACC and recordkeeping.</p>
<p>B. Description: As Per General Applicable Requirement for Rule 55 All track-out to be removed at the end of each operating day.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - ACC - Records and reports maintained at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 55 - Fugitive Dust, Condition #5</p>	<p>D. Frequency of monitoring: ACC and recordkeeping</p>
<p>B. Description: As Per General Applicable Requirements, Rule 55 Permittee will comply with specific activity requirements, as designated in Rule 55 for: Earth-moving, bulk material hauling and truck activities.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Upon District request, source test as per EPA Methods: 6, 6A, 6C, 8, 15, 16A &amp; 6B; as applicable</p>
<p>C. Method of monitoring: - ACC - Records and reports maintained at the facility</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40CFR Part 60, Subpart OOO (4.22.08), Condition #9</p>	<p>D. Frequency of monitoring: ACC; periodic routine observation</p>
<p>B. Description: On a monthly basis, the permittee shall inspect all water equipment, initiate any necessary repairs within 24 hours and record the date of each inspection and corrective action in a log book.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Annual RATA Testing and Bi-weekly Water Spray Logs</p>
<p>C. Method of monitoring: - ACC - Logs of water spray application (For applicable equipment that is operating)</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Conditions #10 &amp; #11</p>	<p>D. Frequency of monitoring: ACC, recordkeeping</p>
<p>B. Description: Condition # 10: A wet scrubber shall be equipped with a calibrated continuous monitoring of: a) Pressure loss of the gas stream b) Scrubbing liquid flow rate. Condition # 11: The permittee shall maintain record of continuous monitoring of the wet scrubber</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - N/A, no wet scrubbers have been installed after April 22, 2008 - ACC -Recordkeeping</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08), Condition #12</p>	<p>D. Frequency of monitoring: ACC; routine and periodic visible emission monitoring; Recordkeeping</p>
<p>B. Description: The permittee shall submit written reports to the District of results of all performance tests to demonstrate compliance with emission concentrations and opacity limits, including Method 9 and Method 22 observations.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Method 9 and Method 22</p>
<p>C. Method of monitoring: - ACC - Logs of routine periodic monitoring and visible emission monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO00036PC10 - Rev 261 - Condition #4</p>	<p>D. Frequency of monitoring: ACC and routine periodic monitoring</p>
<p>B. Description: Per Rule 50, no discharge if air contaminents for more than 3 minutes (cumulative) in any 1 hour period equal to / greater than 20% opacity.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Method 9</p>
<p>C. Method of monitoring: - ACC - Routine observation records of periodic monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08) Condition #2</p>	<p>D. Frequency of monitoring: Routine and periodic visible monitoring</p>
<p>B. Description: Fugitive emissions from belt conveyor transfer points shall not exhibit greater or equal to 10% opacity</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: - Submittal of Annual Compliance Certification (ACC) - Facility records for routine periodic visible emissions monitoring</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40 CFR Part 60, Subpart OOO (4.22.08) Condition #3</p>	<p>D. Frequency of monitoring: ACC and Quarterly Observations Records</p>
<p>B. Description: Fugitive emissions from a crusher shall not exhibit greater than or equal to 12% opacity</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not Applicable</p>
<p>C. Method of monitoring: - N/A, no crushers have been installed after April 22, 2008</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 20 (MM/DD/YY) to 03 / 31 / 21 (MM/DD/YY)

A. Attachment # or Permit Condition #: PO00036PC9 - Condition #6	B. Equipment description: Kiln #4 ZR22	C. Deviation Period: Date & Time Begin: <u>05-02-2020/8:30 AM</u> End: <u>05-06-2020/12:00 PM</u> When Discovered: Date & Time <u>05-02-2020/8:30 AM</u>
D. Parameters monitored: O2 CEMS	E. Limit: N/A	F. Actual: N/A
G. Probable Cause of Deviation: See Attached Log		H. Corrective actions taken: See Attached Log

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #6	B. Equipment description: Kiln #4 ZR22	C. Deviation Period: Date & Time Begin: <u>05-09-2020/12:00PM</u> End: <u>05-11-2020/1:00 PM</u> When Discovered: Date & Time <u>05-09-2020/12:00PM</u>
D. Parameters monitored: O2 CEMS	E. Limit: N/A	F. Actual: N/A
G. Probable Cause of Deviation: See Attached Log		H. Corrective actions taken: See Attached Log

A. Attachment # or Permit Condition #: PO00036PC2 - Condition #6	B. Equipment description: Kiln #4 GM32	C. Deviation Period: Date & Time Begin: <u>09-01-2020/11:00 AM</u> End: <u>09-01-2020/12:00 PM</u> When Discovered: Date & Time <u>09-01-2020/11:00 AM</u>
D. Parameters monitored: SO2 CEMS	E. Limit: 8.28 lb/hr	F. Actual: 8.54 lb/hr
G. Probable Cause of Deviation: See Attached Log		H. Corrective actions taken: See Attached Log

# APPENDIX A

PO0036PC1 Condition #1

PO0036PC3 Condition #1

General Production and Throughput Data

Raw Material Extruder  
Annual Lightweight Aggregate Produced

# Daily & Monthly Material Produced

12 Month  
rolling totals

April Production	Kiln #3 (tons)	Kiln #4 (tons)	Total		
4/1/2020	0	296	296		
4/2/2020	0	134	134		
4/3/2020	0	331	331		
4/4/2020	0	319	319		
4/5/2020	0	291	291		
4/6/2020	0	242	242		
4/7/2020	0	342	342		
4/8/2020	0	317	317		
4/9/2020	0	244	244		
4/10/2020	0	206	206		
4/11/2020	0	330	330		
4/12/2020	0	363	363		
4/13/2020	0	174	174		
4/14/2020	0	260	260		
4/15/2020	0	279	279		
4/16/2020	0	258	258		
4/17/2020	0	297	297		
4/18/2020	0	258	258	Apr-19	8,081
4/19/2020	0	284	284	May-19	8,131
4/20/2020	0	282	282	Jun-19	9,300
4/21/2020	0	292	292	Jul-19	7,989
4/22/2020	0	280	280	Aug-19	8,807
4/23/2020	0	258	258	Sep-19	8,593
4/24/2020	0	129	129	Oct-19	6,351
4/25/2020	0	257	257	Nov-19	6,896
4/26/2020	0	268	268	Dec-19	7,686
4/27/2020	0	270	270	Jan-20	9,093
4/28/2020	0	255	255	Feb-20	8,360
4/29/2020	0	263	263	Mar-20	7,862
4/30/2020	0	262	262		
		8,041	8,041	<b>97,109</b>	<b>monthly rolling</b>

	Kiln #3 (tons)	Kiln #4 (tons)	Total
5/1/2020	0	265	265
5/2/2020	0	266	266
5/3/2020	0	261	261
5/4/2020	0	258	258
5/5/2020	0	168	168
5/6/2020	0	248	248
5/7/2020	0	253	253
5/8/2020	0	243	243
5/9/2020	0	262	262
5/10/2020	0	243	243
5/11/2020	0	150	150
5/12/2020	0	263	263
5/13/2020	0	255	255
5/14/2020	0	248	248
5/15/2020	0	248	248
5/16/2020	0	244	244
5/17/2020	0	185	185
5/18/2020	0	247	247
5/19/2020	0	252	252
5/20/2020	0	236	236
5/21/2020	0	253	253
5/22/2020	0	258	258
5/23/2020	0	258	258
5/24/2020	0	265	265
5/25/2020	0	258	258
5/26/2020	0	253	253
5/27/2020	0	127	127
5/28/2020	0	241	241
5/29/2020	0	248	248
5/30/2020	0	252	252
5/31/2020	0	250	250
	-	7,458	7,458

**96,436 monthly rolling**



	Kiln #3 (tons)	Kiln #4 (tons)	Total
6/1/2020	0	254	254
6/2/2020		254	254
6/3/2020		250	250
6/4/2020		253	253
6/5/2020		225	225
6/6/2020		241	241
6/7/2020		274	274
6/8/2020		270	270
6/9/2020		268	268
6/10/2020		170	170
6/11/2020		272	272
6/12/2020		278	278
6/13/2020		283	283
6/14/2020		278	278
6/15/2020		273	273
6/16/2020		219	219
6/17/2020		284	284
6/18/2020		281	281
6/19/2020		230	230
6/20/2020		270	270
6/21/2020		273	273
6/22/2020		276	276
6/23/2020		275	275
6/24/2020		267	267
6/25/2020		230	230
6/26/2020			
6/27/2020		251	251
6/28/2020		265	265
6/29/2020		263	263
6/30/2020		267	267

**June Total**

-

7,494

7,494

**94,630 monthly rolling**

July Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
7/1/2020	0	243	243
7/2/2020	0	266	266
7/3/2020	0	261	261
7/4/2020	0	267	267
7/5/2020	0	267	267
7/6/2020	0	262	262
7/7/2020	0	266	266
7/8/2020	0	258	258
7/9/2020	0	257	257
7/10/2020	0	248	248
7/11/2020	0	262	262
7/12/2020	0	263	263
7/13/2020	0	263	263
7/14/2020	0	131	131
7/15/2020	0	51	51
7/16/2020	0	261	261
7/17/2020	0	264	264
7/18/2020	0	260	260
7/19/2020	0	259	259
7/20/2020	0	255	255
7/21/2020	0	252	252
7/22/2020	0	247	247
7/23/2020	0	262	262
7/24/2020	0	258	258
7/25/2020	0	264	264
7/26/2020	0	263	263
7/27/2020	0	233	233
7/28/2020	0	272	272
7/29/2020	0	235	235
7/30/2020	0	89	89
7/31/2020	0	232	232

**July Total**

-

7,471

7,471

**86,885 monthly rolling**

August Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
8/1/2020	0	231	231
8/2/2020	0	233	233
8/3/2020	0	217	217
8/4/2020	0	222	222
8/5/2020	0	231	231
8/6/2020	0	225	225
8/7/2020	0	227	227
8/8/2020	0	228	228
8/9/2020	0	225	225
8/10/2020	0	226	226
8/11/2020	0	222	222
8/12/2020	0	226	226
8/13/2020	0	83	83
8/14/2020	103	225	329
8/15/2020	168	214	382
8/16/2020	169	222	391
8/17/2020	125	20	145
8/18/2020	166	163	329
8/19/2020	167	209	376
8/20/2020	166	184	351
8/21/2020	157	42	199
8/22/2020	163	35	198
8/23/2020	166	175	340
8/24/2020	166	192	354
8/25/2020	166	225	390
8/26/2020	165	221	387
8/27/2020	169	224	393
8/28/2020	155	310	464
8/29/2020	0	106	106
8/30/2020	0	229	229
8/31/2020	0	229	229

**August Total**                      2,371                      6,021                      8,388                      **79,227**    monthly rolling

September Product	Kiln #3 (tons)	Kiln #4 (tons)	Total
9/1/2020	0	232	232
9/2/2020	0	226	226
9/3/2020	0	220	220
9/4/2020	0	190	190
9/5/2020	0	217	217
9/6/2020	0	217	217
9/7/2020	0	222	222
9/8/2020	0	219	219
9/9/2020	0	213	213
9/10/2020	0	226	226
9/11/2020	0	232	232
9/12/2020	0	222	222
9/13/2020	0	219	219
9/14/2020	0	220	220
9/15/2020	0	230	230
9/16/2020	0	240	240
9/17/2020	0	235	235
9/18/2020	0	226	226
9/19/2020	0	234	234
9/20/2020	0	182	182
9/21/2020	0	0	0
9/22/2020	0	0	0
9/23/2020	0	0	0
9/24/2020	0	0	0
9/25/2020	0	0	0
9/26/2020	0	0	0
9/27/2020	0	0	0
9/28/2020	0	0	0
9/29/2020	0	0	0
9/30/2020	0	91	91

**September Total**

-

4,513

4,513

**75,147 monthly rolling**

October Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
10/1/2020	0	217	217
10/2/2020	0	195	195
10/3/2020	0	231	231
10/4/2020	0	229	229
10/5/2020	0	236	236
10/6/2020	0	232	232
10/7/2020	0	169	169
10/8/2020	0	231	231
10/9/2020	0	223	223
10/10/2020	0	226	226
10/11/2020	0	222	222
10/12/2020	0	92	92
10/13/2020	0	51	51
10/14/2020	0	222	222
10/15/2020	0	226	226
10/16/2020	0	226	226
10/17/2020	0	232	232
10/18/2020	0	206	206
10/19/2020	0	200	200
10/20/2020	0	227	227
10/21/2020	0	225	225
10/22/2020	0	228	228
10/23/2020	0	178	178
10/24/2020	0	201	201
10/25/2020	0	148	148
10/26/2020	0	217	217
10/27/2020	0	226	226
10/28/2020	14	161	175
10/29/2020	167	212	380
10/30/2020	167	216	384
10/31/2020	168	225	393

**October Total**

**516**

**6,330**

**6,848**

**75,644** monthy rolling

November Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total
11/1/2020	165	182	347
11/2/2020	166	73	239
11/3/2020	164	172	336
11/4/2020	166	143	309
11/5/2020	113	109	222
11/6/2020	171	0	171
11/7/2020	175	196	371
11/8/2020	175	233	408
11/9/2020	74	223	296
11/10/2020	176	226	402
11/11/2020	131	198	330
11/12/2020	153	203	356
11/13/2020	69	71	139
11/14/2020	113	130	243
11/15/2020	0	90	90
11/16/2020	0	226	226
11/17/2020	0	139	139
11/18/2020	144	67	211
11/19/2020	165	222	386
11/20/2020	165	226	390
11/21/2020	0	193	193
11/22/2020	0	233	233
11/23/2020	0	226	226
11/24/2020	0	226	226
11/25/2020	0	225	225
11/26/2020	0	226	226
11/27/2020	0	226	226
11/28/2020	0	213	213
11/29/2020	0	228	228
11/30/2020	0	226	226

**November Total**                      **2,485**                      **5,351**                      **7,833**      **76,581**      **monthy rolling**

December Producti	Kiln #3 (tons)	Kiln #4 (tons)	Total
12/1/2020	0	233	233
12/2/2020	0	79	79
12/3/2020	0	236	236
12/4/2020	0	224	224
12/5/2020	0	217	217
12/6/2020	0	228	228
12/7/2020	0	234	234
12/8/2020	0	238	238
12/9/2020	0	234	234
12/10/2020	0	237	237
12/11/2020	40	244	284
12/12/2020	164	239	403
12/13/2020	159	218	376
12/14/2020	166	254	420
12/15/2020	49	70	119
12/16/2020	172	31	204
12/17/2020	163	198	361
12/18/2020	92	131	223
12/19/2020	177	0	177
12/20/2020	181	0	181
12/21/2020	180	0	180
12/22/2020	207	0	207
12/23/2020	217	0	217
12/24/2020	219	0	219
12/25/2020	217	0	217
12/26/2020	217	0	217
12/27/2020	215	0	215
12/28/2020	174	128	302
12/29/2020	0	258	258
12/30/2020	0	260	260
12/31/2020	0	240	240

**December Total                    3,009                    4,431                    7,440                    61,721    monthy rolling**

January Production	Kiln #3 (tons)	Kiln #4 (tons)	Total	
1/1/2021	0	223	223	
1/2/2021	0	256	256	
1/3/2021	0	264	264	
1/4/2021	0	258	258	
1/5/2021	0	22	22	
1/6/2021	0	224	224	
1/7/2021	0	222	222	
1/8/2021	0	234	234	
1/9/2021	0	57	57	
1/10/2021	0	231	231	
1/11/2021	0	234	234	
1/12/2021	0	209	209	
1/13/2021	0	230	230	
1/14/2021	0	225	225	
1/15/2021	0	234	234	
1/16/2021	0	234	234	
1/17/2021	0	116	116	
1/18/2021	0	238	238	
1/19/2021	0	234	234	
1/20/2021	0	177	177	
1/21/2021	0	241	241	
1/22/2021	0	234	234	
1/23/2021	0	212	212	
1/24/2021	0	183	183	
1/25/2021	0	222	222	
1/26/2021	0	234	234	
1/27/2021	0	213	213	
1/28/2021	0	240	240	
1/29/2021	0	177	177	
1/30/2021	0	234	234	
1/31/2021	0	258	258	
<b>January Total</b>	-	<b>6,570</b>	<b>6,570</b>	<b>73,812 monthly rolling</b>





March Production	Kiln #3 (tons)	Kiln #4 (tons)	Total
3/1/2021	0	243	243
3/2/2021	0	243	243
3/3/2021	0	251	251
3/4/2021	0	244	244
3/5/2021	0	242	242
3/6/2021	0	246	246
3/7/2021	0	246	246
3/8/2021	0	240	240
3/9/2021	0	91	91
3/10/2021	0	244	244
3/11/2021	0	249	249
3/12/2021	0	246	246
3/13/2021	0	245	245
3/14/2021	0	238	238
3/15/2021	0	243	243
3/16/2021	0	244	244
3/17/2021	0	248	248
3/18/2021	0	243	243
3/19/2021	0	243	243
3/20/2021	0	243	243
3/21/2021	0	243	243
3/22/2021	0	245	245
3/23/2021	0	248	248
3/24/2021	0	247	247
3/25/2021	0	20	20
3/26/2021	0	231	231
3/27/2021	0	243	243
3/28/2021	0	243	243
3/29/2021	0	234	234
3/30/2021	0	230	230
3/31/2021	0	243	243

**29,694 monthly rolling**

**March Total**

7,159

7,159 Yearly total

**78,110 Yearly total**

### Daily & Monthly Raw Material Processed (Clay)

April	Extruder #1 (tons)	Hours Run	Total
4/1/2020	372	8.6	372
4/2/2020	368	8.5	368
4/3/2020	372	8.6	372
4/4/2020	411	9.5	411
4/5/2020	333	7.7	333
4/6/2020	290	6.7	290
4/7/2020	355	8.2	355
4/8/2020	376	8.7	376
4/9/2020	329	7.6	329
4/10/2020	368	8.5	368
4/11/2020	437	10.1	437
4/12/2020	290	6.7	290
4/13/2020	273	6.3	273
4/14/2020	407	9.4	407
4/15/2020	355	8.2	355
4/16/2020	428	9.9	428
4/17/2020	311	7.2	311
4/18/2020	402	9.3	402
4/19/2020	368	8.5	368
4/20/2020	415	9.6	415
4/21/2020	402	9.3	402
4/22/2020	433	10	433
4/23/2020	368	8.5	368
4/24/2020	316	7.3	316
4/25/2020	446	10.3	446
4/26/2020	398	9.2	398
4/27/2020	415	9.6	415
4/28/2020	398	9.2	398
4/29/2020	376	8.7	376
4/30/2020	251	5.8	251
<b>April</b>	<b>11062</b>	<b>255.7</b>	<b>11062</b>

May	Extruder #1 (tons)	Hours Run	Total
5/1/2020	441	10.2	441
5/2/2020	363	8.4	363
5/3/2020	320	7.4	320
5/4/2020	420	9.7	420
5/5/2020	251	5.8	251
5/6/2020	324	7.5	324
5/7/2020	346	8	346
5/8/2020	428	9.9	428
5/9/2020	463	10.7	463
5/10/2020	411	9.5	411
5/11/2020	216	5	216
5/12/2020	363	8.4	363
5/13/2020	316	7.3	316
5/14/2020	350	8.1	350
5/15/2020	329	7.6	329
5/16/2020	342	7.9	342
5/17/2020	234	5.4	234
5/18/2020	337	7.8	337
5/19/2020	268	6.2	268
5/20/2020	355	8.2	355
5/21/2020	311	7.2	311
5/22/2020	385	8.9	385
5/23/2020	324	7.5	324
5/24/2020	368	8.5	368
5/25/2020	320	7.4	320
5/26/2020	277	6.4	277
5/27/2020	273	6.3	273
5/28/2020	316	7.3	316
5/29/2020	381	8.8	381
5/30/2020	346	8	346
5/31/2020	381	8.8	381
<b>May</b>	<b>10560</b>	<b>244.1</b>	<b>10560</b>

June	Extruder #1 (tons)	Hours Run	Total
6/1/2020	294	6.8	294
6/2/2020	428	9.9	428
6/3/2020	411	9.5	411
6/4/2020	350	8.1	350
6/5/2020	316	7.3	316
6/6/2020	324	7.5	324
6/7/2020	342	7.9	342
6/8/2020	329	7.6	329
6/9/2020	303	7	303
6/10/2020	212	4.9	212
6/11/2020	342	7.9	342
6/12/2020	342	7.9	342
6/13/2020	372	8.6	372
6/14/2020	346	8	346
6/15/2020	372	8.6	372
6/16/2020	251	5.8	251
6/17/2020	303	7	303
6/18/2020	394	9.1	394
6/19/2020	316	7.3	316
6/20/2020	311	7.2	311
6/21/2020	433	10	433
6/22/2020	234	5.4	234
6/23/2020	333	7.7	333
6/24/2020	350	8.1	350
6/25/2020	229	5.3	229
6/26/2020	0	0	0
6/27/2020	368	8.5	368
6/28/2020	359	8.3	359
6/29/2020	324	7.5	324
6/30/2020	324	7.5	324
<b>June</b>	<b>9612</b>	<b>222.2</b>	<b>9612</b>

July	Extruder #1 (tons)	Hours Run	Total
7/1/2020	437	10.1	437
7/2/2020	212	4.9	212
7/3/2020	329	7.6	329
7/4/2020	342	7.9	342
7/5/2020	333	7.7	333
7/6/2020	333	7.7	333
7/7/2020	307	7.1	307
7/8/2020	320	7.4	320
7/9/2020	368	8.5	368
7/10/2020	298	6.9	298
7/11/2020	363	8.4	363
7/12/2020	320	7.4	320
7/13/2020	307	7.1	307
7/14/2020	169	3.9	169
7/15/2020	82	1.9	82
7/16/2020	333	7.7	333
7/17/2020	298	6.9	298
7/18/2020	385	8.9	385
7/19/2020	333	7.7	333
7/20/2020	333	7.7	333
7/21/2020	324	7.5	324
7/22/2020	346	8	346
7/23/2020	286	6.6	286
7/24/2020	385	8.9	385
7/25/2020	337	7.8	337
7/26/2020	337	7.8	337
7/27/2020	298	6.9	298
7/28/2020	333	7.7	333
7/29/2020	290	6.7	290
7/30/2020	99	2.3	99
7/31/2020	355	8.2	355
<b>July</b>	<b>9595</b>	<b>221.8</b>	<b>9595</b>

August	Extruder #1 (tons)	Hours Run	Total
8/1/2020	316	7.3	316
8/2/2020	307	7.1	307
8/3/2020	506	11.7	506
8/4/2020	177	4.1	177
8/5/2020	372	8.6	372
8/6/2020	311	7.2	311
8/7/2020	346	8	346
8/8/2020	329	7.6	329
8/9/2020	346	8	346
8/10/2020	320	7.4	320
8/11/2020	333	7.7	333
8/12/2020	251	5.8	251
8/13/2020	247	5.7	247
8/14/2020	653	15.1	653
8/15/2020	588	13.6	588
8/16/2020	532	12.3	532
8/17/2020	260	6	260
8/18/2020	433	10	433
8/19/2020	593	13.7	593
8/20/2020	666	15.4	666
8/21/2020	381	8.8	381
8/22/2020	363	8.4	363
8/23/2020	446	10.3	446
8/24/2020	549	12.7	549
8/25/2020	467	10.8	467
8/26/2020	627	14.5	627
8/27/2020	632	14.6	632
8/28/2020	467	10.8	467
8/29/2020	307	7.1	307
8/30/2020	433	10	433
8/31/2020	368	8.5	368
<b>August</b>	<b>12926</b>	<b>298.8</b>	<b>12926</b>

<b>September</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
9/1/2020	294	6.8	294
9/2/2020	273	6.3	273
9/3/2020	329	7.6	329
9/4/2020	286	6.6	286
9/5/2020	281	6.5	281
9/6/2020	381	8.8	381
9/7/2020	381	8.8	381
9/8/2020	320	7.4	320
9/9/2020	441	10.2	441
9/10/2020	337	7.8	337
9/11/2020	286	6.6	286
9/12/2020	333	7.7	333
9/13/2020	372	8.6	372
9/14/2020	333	7.7	333
9/15/2020	303	7	303
9/16/2020	307	7.1	307
9/17/2020	420	9.7	420
9/18/2020	290	6.7	290
9/19/2020	329	7.6	329
9/20/2020	186	4.3	186
9/21/2020	0	0	0
9/22/2020	0	0	0
9/23/2020	0	0	0
9/24/2020	0	0	0
9/25/2020	0	0	0
9/26/2020	0	0	0
9/27/2020	0	0	0
9/28/2020	0	0	0
9/29/2020	39	0.9	39
9/30/2020	229	5.3	229
<b>September</b>	<b>6749</b>	<b>156</b>	<b>6749</b>



<b>Ocobter</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
10/1/2020	329	7.6	329
10/2/2020	294	6.8	294
10/3/2020	329	7.6	329
10/4/2020	350	8.1	350
10/5/2020	286	6.6	286
10/6/2020	298	6.9	298
10/7/2020	281	6.5	281
10/8/2020	407	9.4	407
10/9/2020	368	8.5	368
10/10/2020	333	7.7	333
10/11/2020	324	7.5	324
10/12/2020	108	2.5	108
10/13/2020	208	4.8	208
10/14/2020	320	7.4	320
10/15/2020	238	5.5	238
10/16/2020	441	10.2	441
10/17/2020	337	7.8	337
10/18/2020	320	7.4	320
10/19/2020	277	6.4	277
10/20/2020	350	8.1	350
10/21/2020	359	8.3	359
10/22/2020	307	7.1	307
10/23/2020	173	4	173
10/24/2020	324	7.5	324
10/25/2020	268	6.2	268
10/26/2020	320	7.4	320
10/27/2020	208	4.8	208
10/28/2020	549	12.7	549
10/29/2020	394	9.1	394
10/30/2020	619	14.3	619
10/31/2020	610	14.1	610
<b>October</b>	<b>10330</b>	<b>238.8</b>	<b>10330</b>

<b>November</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
11/1/2020	562	13	562
11/2/2020	632	14.6	632
11/3/2020	476	11	476
11/4/2020	562	13	562
11/5/2020	273	6.3	273
11/6/2020	398	9.2	398
11/7/2020	735	17	735
11/8/2020	588	13.6	588
11/9/2020	437	10.1	437
11/10/2020	632	14.6	632
11/11/2020	441	10.2	441
11/12/2020	619	14.3	619
11/13/2020	190	4.4	190
11/14/2020	273	6.3	273
11/15/2020	177	4.1	177
11/16/2020	346	8	346
11/17/2020	247	5.7	247
11/18/2020	376	8.7	376
11/19/2020	459	10.6	459
11/20/2020	701	16.2	701
11/21/2020	385	8.9	385
11/22/2020	376	8.7	376
11/23/2020	363	8.4	363
11/24/2020	463	10.7	463
11/25/2020	415	9.6	415
11/26/2020	368	8.5	368
11/27/2020	368	8.5	368
11/28/2020	420	9.7	420
11/29/2020	381	8.8	381
11/30/2020	307	7.1	307
<b>November</b>	<b>12969</b>	<b>299.8</b>	<b>12969</b>

<b>December</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
12/1/2020	381	8.8	381
12/2/2020	134	3.1	134
12/3/2020	216	5.0	216
12/4/2020	394	9.1	394
12/5/2020	173	4.0	173
12/6/2020	346	8.0	346
12/7/2020	307	7.1	307
12/8/2020	359	8.3	359
12/9/2020	394	9.1	394
12/10/2020	363	8.4	363
12/11/2020	433	10.0	433
12/12/2020	567	13.1	567
12/13/2020	688	15.9	688
12/14/2020	519	12.0	519
12/15/2020	290	6.7	290
12/16/2020	454	10.5	454
12/17/2020	510	11.8	510
12/18/2020	251	5.8	251
12/19/2020	424	9.8	424
12/20/2020	303	7.0	303
12/21/2020	446	10.3	446
12/22/2020	402	9.3	402
12/23/2020	260	6.0	260
12/24/2020	398	9.2	398
12/25/2020	329	7.6	329
12/26/2020	389	9.0	389
12/27/2020	359	8.3	359
12/28/2020	281	6.5	281
12/29/2020	359	8.3	359
12/30/2020	411	9.5	411
12/31/2020	346	8.0	346
<b>December</b>	<b>11486</b>	<b>265.5</b>	<b>11486</b>

<b>January</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
1/1/2021	303	7	303
1/2/2021	342	7.9	342
1/3/2021	307	7.1	307
1/4/2021	389	9	389
1/5/2021	0	0	0
1/6/2021	376	8.7	376
1/7/2021	342	7.9	342
1/8/2021	333	7.7	333
1/9/2021	78	1.8	78
1/10/2021	342	7.9	342
1/11/2021	277	6.4	277
1/12/2021	286	6.6	286
1/13/2021	329	7.6	329
1/14/2021	298	6.9	298
1/15/2021	307	7.1	307
1/16/2021	381	8.8	381
1/17/2021	143	3.3	143
1/18/2021	286	6.6	286
1/19/2021	459	10.6	459
1/20/2021	298	6.9	298
1/21/2021	359	8.3	359
1/22/2021	346	8	346
1/23/2021	290	6.7	290
1/24/2021	251	5.8	251
1/25/2021	342	7.9	342
1/26/2021	324	7.5	324
1/27/2021	273	6.3	273
1/28/2021	359	8.3	359
1/29/2021	316	7.3	316
1/30/2021	333	7.7	333
1/31/2021	376	8.7	376
<b>January</b>	<b>9444</b>	<b>218.3</b>	<b>9444</b>

<b>February</b>	<b>Extruder #1 (tons)</b>	<b>Hours Run</b>	<b>Total</b>
2/1/2021	329	7.6	329
2/2/2021	407	9.4	407
2/3/2021	273	6.3	273
2/4/2021	281	6.5	281
2/5/2021	402	9.3	402
2/6/2021	368	8.5	368
2/7/2021	420	9.7	420
2/8/2021	0	0.0	0
2/9/2021	359	8.3	359
2/10/2021	342	7.9	342
2/11/2021	355	8.2	355
2/12/2021	359	8.3	359
2/13/2021	394	9.1	394
2/14/2021	359	8.3	359
2/15/2021	359	8.3	359
2/16/2021	286	6.6	286
2/17/2021	368	8.5	368
2/18/2021	311	7.2	311
2/19/2021	303	7.0	303
2/20/2021	368	8.5	368
2/21/2021	286	6.6	286
2/22/2021	402	9.3	402
2/23/2021	311	7.2	311
2/24/2021	104	2.4	104
2/25/2021	350	8.1	350
2/26/2021	320	7.4	320
2/27/2021	333	7.7	333
2/28/2021	363	8.4	363
	0	0.0	0
<b>February</b>	<b>9111</b>	<b>210.6</b>	<b>9111</b>

March	Extruder #1 (tons)	Hours Run	Total
3/1/2021	337	7.8	337
3/2/2021	337	7.8	337
3/3/2021	247	5.7	247
3/4/2021	333	7.7	333
3/5/2021	368	8.5	368
3/6/2021	333	7.7	333
3/7/2021	320	7.4	320
3/8/2021	342	7.9	342
3/9/2021	121	2.8	121
3/10/2021	303	7	303
3/11/2021	303	7	303
3/12/2021	381	8.8	381
3/13/2021	359	8.3	359
3/14/2021	324	7.5	324
3/15/2021	437	10.1	437
3/16/2021	359	8.3	359
3/17/2021	320	7.4	320
3/18/2021	247	5.7	247
3/19/2021	350	8.1	350
3/20/2021	398	9.2	398
3/21/2021	359	8.3	359
3/22/2021	346	8	346
3/23/2021	324	7.5	324
3/24/2021	316	7.3	316
3/25/2021	48	1.1	48
3/26/2021	385	8.9	385
3/27/2021	342	7.9	342
3/28/2021	402	9.3	402
3/29/2021	346	8	346
3/30/2021	333	7.7	333
3/31/2021	303	7	303
<b>March</b>	<b>10023</b>	<b>223.9</b>	<b>10023</b>

123866 yearly total

# APPENDIX B

PO0036PC2 Condition #1

Natural Gas Consumption

## Daily & Monthly Natural Gas Useage

March Production	Kiln #3 mcf	Kiln #4 mcf	Main Gas
4/1/2020	0	0	0
4/2/2020	0	476	476
4/3/2020	0	822	822
4/4/2020	0	807	807
4/5/2020	0	765	765
4/6/2020	0	630	630
4/7/2020	0	830	830
4/8/2020	0	760	760
4/9/2020	0	691	691
4/10/2020	0	620	620
4/11/2020	0	798	798
4/12/2020	0	820	820
4/13/2020	0	600	600
4/14/2020	0	735	735
4/15/2020	0	821	821
4/16/2020	0	752	752
4/17/2020	0	813	813
4/18/2020	0	774	774
4/19/2020	0	827	827
4/20/2020	0	824	824
4/21/2020	0	814	814
4/22/2020	0	846	846
4/23/2020	0	807	807
4/24/2020	0	539	539
4/25/2020	0	851	851
4/26/2020	0	841	841
4/27/2020	0	863	863
4/28/2020	0	853	853
4/29/2020	0	839	839
4/30/2020	0	847	847
	0	0	0
		22,265	22,265



	Kiln #3 mcf	Kiln #4 mcf	Main Gas
5/1/2020	0	868	868
5/2/2020	0	866	866
5/3/2020	0	844	844
5/4/2020	0	852	852
5/5/2020	0	583	583
5/6/2020	0	824	824
5/7/2020	0	832	832
5/8/2020	0	795	795
5/9/2020	0	867	867
5/10/2020	0	832	832
5/11/2020	0	573	573
5/12/2020	0	858	858
5/13/2020	0	854	854
5/14/2020	0	831	831
5/15/2020	0	835	835
5/16/2020	0	862	862
5/17/2020	0	666	666
5/18/2020	0	814	814
5/19/2020	0	819	819
5/20/2020	0	784	784
5/21/2020	0	832	832
5/22/2020	0	833	833
5/23/2020	0	841	841
5/24/2020	0	849	849
5/25/2020	0	843	843
5/26/2020	0	842	842
5/27/2020	0	500	500
5/28/2020	0	839	839
5/29/2020	0	860	860
5/30/2020	0	847	847
5/31/2020	0	852	852

	-	24,997	24,997
	Kiln #3 mcf	0	Main Gas
6/1/2020	0	838	838
6/2/2020	0	863	863
6/3/2020	0	841	841
6/4/2020	0	844	844
6/5/2020	0	807	807
6/6/2020	0	831	831
6/7/2020	0	890	890
6/8/2020	0	869	869
6/9/2020	0	852	852
6/10/2020	0	551	551
6/11/2020	0	875	875
6/12/2020	0	854	854
6/13/2020	0	859	859
6/14/2020	0	862	862
6/15/2020	0	853	853
6/16/2020	0	711	711
6/17/2020	0	864	864
6/18/2020	0	856	856
6/19/2020	0	759	759
6/20/2020	0	840	840
6/21/2020	0	863	863
6/22/2020	0	864	864
6/23/2020	0	861	861
6/24/2020	0	888	888
6/25/2020	0	764	764
6/26/2020	0	110	110
6/27/2020	0	804	804
6/28/2020	0	846	846
6/29/2020	0	864	864
6/30/2020	0	846	846
	0	0	0
	-	24,229	24,229

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
7/1/2020	0	837	837
7/2/2020	0	872	872
7/3/2020	0	895	895
7/4/2020	0	859	859
7/5/2020	0	877	877
7/6/2020	0	874	874
7/7/2020	0	857	857
7/8/2020	0	877	877
7/9/2020	0	860	860
7/10/2020	0	888	888
7/11/2020	0	922	922
7/12/2020	0	856	856
7/13/2020	0	861	861
7/14/2020	0	506	506
7/15/2020	0	266	266
7/16/2020	0	904	904
7/17/2020	0	904	904
7/18/2020	0	895	895
7/19/2020	0	898	898
7/20/2020	0	913	913
7/21/2020	0	896	896
7/22/2020	0	836	836
7/23/2020	0	896	896
7/24/2020	0	887	887
7/25/2020	0	889	889
7/26/2020	0	870	870
7/27/2020	0	840	840
7/28/2020	0	871	871
7/29/2020	0	828	828
7/30/2020	0	378	378
7/31/2020	0	878	878

	-	25,690	25,690
	Kiln #3 mcf	Kiln #4 mcf	Main Gas
8/1/2020	0	904	904
8/2/2020	0	892	892
8/3/2020	0	902	902
8/4/2020	0	836	836
8/5/2020	0	867	867
8/6/2020	0	886	886
8/7/2020	0	878	878
8/8/2020	0	872	872
8/9/2020	0	907	907
8/10/2020	0	899	899
8/11/2020	0	898	898
8/12/2020	0	856	856
8/13/2020	0	420	420
8/14/2020	883	581	1464
8/15/2020	767	871	1638
8/16/2020	763	889	1652
8/17/2020	651	205	856
8/18/2020	767	733	1500
8/19/2020	775	857	1632
8/20/2020	760	750	1510
8/21/2020	781	389	1170
8/22/2020	756	221	977
8/23/2020	788	739	1527
8/24/2020	748	783	1531
8/25/2020	765	883	1648
8/26/2020	766	876	1642
8/27/2020	793	881	1674
8/28/2020	753	903	1656
8/29/2020	0	744	744
8/30/2020	-802	891	89
8/31/2020	0	877	877
	10,714	24,090	34,804

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
9/1/2020	0	885	885
9/2/2020	0	895	895
9/3/2020	0	879	879
9/4/2020	0	796	796
9/5/2020	0	844	844
9/6/2020	0	868	868
9/7/2020	0	849	849
9/8/2020	0	869	869
9/9/2020	0	839	839
9/10/2020	0	863	863
9/11/2020	0	855	855
9/12/2020	0	847	847
9/13/2020	0	826	826
9/14/2020	0	785	785
9/15/2020	0	855	855
9/16/2020	0	844	844
9/17/2020	0	860	860
9/18/2020	0	845	845
9/19/2020	0	848	848
9/20/2020	0	692	692
9/21/2020	0	0	0
9/22/2020	0	0	0
9/23/2020	0	0	0
9/24/2020	0	0	0
9/25/2020	0	0	0
9/26/2020	0	0	0
9/27/2020	0	0	0
9/28/2020	0	0	0
9/29/2020	0	0	0
9/30/2020	0	463	463
	0		
		17,307	17,307

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
10/1/2020	0	821	821
10/2/2020	0	738	738
10/3/2020	0	850	850
10/4/2020	0	862	862
10/5/2020	0	871	871
10/6/2020	0	866	866
10/7/2020	0	693	693
10/8/2020	0	862	862
10/9/2020	0	850	850
10/10/2020	0	871	871
10/11/2020	0	837	837
10/12/2020	0	295	295
10/13/2020	0	296	296
10/14/2020	0	302	302
10/15/2020	0	865	865
10/16/2020	0	857	857
10/17/2020	0	855	855
10/18/2020	0	869	869
10/19/2020	0	765	765
10/20/2020	0	780	780
10/21/2020	0	851	851
10/22/2020	0	866	866
10/23/2020	0	850	850
10/24/2020	0	670	670
10/25/2020	0	792	792
10/26/2020	0	729	729
10/27/2020	0	859	859
10/28/2020	221	663	884
10/29/2020	784	768	1552
10/30/2020	763	815	1578
10/31/2020	795	851	1646

	1,768	22,868	24,636
	Kiln #3 mcf	Kiln #4 mcf	Main Gas
11/1/2019	786	725	1511
11/2/2019	741	328	1069
11/3/2019	771	681	1452
11/4/2019	775	593	1368
11/5/2019	600	473	1073
11/6/2019	853	79	932
11/7/2019	880	779	1659
11/8/2019	886	827	1713
11/9/2019	536	762	1298
11/10/2019	846	809	1655
11/11/2019	647	686	1333
11/12/2019	782	733	1515
11/13/2019	317	277	594
11/14/2019	468	412	880
11/15/2019	0	487	487
11/16/2019	0	799	799
11/17/2019	0	555	555
11/18/2019	491	259	750
11/19/2019	848	829	1677
11/20/2019	808	830	1638
11/21/2019	0	836	836
11/22/2019	0	870	870
11/23/2019	0	832	832
11/24/2019	0	886	886
11/25/2019	0	841	841
11/26/2019	0	836	836
11/27/2019	0	836	836
11/28/2019	0	787	787
11/29/2019	0	835	835
11/30/2019	0	805	805
	0	0	0
	<b>12,035</b>	<b>20,287</b>	<b>32,322</b>

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
12/1/2019	0	859	859
12/2/2019	0	359	359
12/3/2019	0	862	862
12/4/2019	0	846	846
12/5/2019	0	766	766
12/6/2019	0	834	834
12/7/2019	0	797	797
12/8/2019	0	812	812
12/9/2019	0	811	811
12/10/2019	0	850	850
12/11/2019	375	854	1229
12/12/2019	846	834	1680
12/13/2019	762	784	1546
12/14/2019	850	850	1700
12/15/2019	344	267	611
12/16/2019	703	332	1035
12/17/2019	614	410	1024
12/18/2019	833	245	1078
12/19/2019	825	0	825
12/20/2019	838	0	838
12/21/2019	827	0	827
12/22/2019	827	0	827
12/23/2019	862	0	862
12/24/2019	906	0	906
12/25/2019	840	0	840
12/26/2019	875	0	875
12/27/2019	874	0	874
12/28/2019	541	548	1089
12/29/2019	0	860	860
12/30/2019	0	824	824
12/31/2019	0	784	784



	13,542	14,529	28,071
	Kiln #3 mcf	Kiln #4 mcf	Main Gas
1/1/2021	0	788	788
1/2/2021	0	766	766
1/3/2021	0	806	806
1/4/2021	0	839	839
1/5/2021	0	176	176
1/6/2021	0	814	814
1/7/2021	0	821	821
1/8/2021	0	872	872
1/9/2021	0	321	321
1/10/2021	0	840	840
1/11/2021	0	832	832
1/12/2021	0	781	781
1/13/2021	0	862	862
1/14/2021	0	787	787
1/15/2021	0	853	853
1/16/2021	0	840	840
1/17/2021	0	478	478
1/18/2021	0	842	842
1/19/2021	0	839	839
1/20/2021	0	780	780
1/21/2021	0	876	876
1/22/2021	0	837	837
1/23/2021	0	511	511
1/24/2021	0	978	978
1/25/2021	0	790	790
1/26/2021	0	846	846
1/27/2021	0	807	807
1/28/2021	0	853	853
1/29/2021	0	653	653
1/30/2021	0	765	765
1/31/2021	0	794	794
	-	<b>23,647</b>	<b>23,647</b>

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
2/1/2021	0	816	816
2/2/2021	0	807	807
2/3/2021	0	754	754
2/4/2021	0	700	700
2/5/2021	0	802	802
2/6/2021	0	840	840
2/7/2021	0	884	884
2/8/2021	0	191	191
2/9/2021	0	804	804
2/10/2021	0	867	867
2/11/2021	0	889	889
2/12/2021	0	809	809
2/13/2021	0	850	850
2/14/2021	0	872	872
2/15/2021	0	791	791
2/16/2021	0	790	790
2/17/2021	0	862	862
2/18/2021	0	760	760
2/19/2021	0	721	721
2/20/2021	0	837	837
2/21/2021	0	873	873
2/22/2021	0	836	836
2/23/2021	0	808	808
2/24/2021	0	304	304
2/25/2021	0	805	805
2/26/2021	0	848	848
2/27/2021	0	839	839
2/28/2021	0	827	827
	0	0	0
	0	0	0
	0	0	0
	-	21,786	21,786

	Kiln #3 mcf	Kiln #4 mcf	Main Gas
3/1/2020	0	824	824
3/2/2020	0	808	808
3/3/2020	0	825	825
3/4/2020	0	790	790
3/5/2020	0	823	823
3/6/2020	0	721	721
3/7/2020	0	748	748
3/8/2020	0	783	783
3/9/2020	0	376	376
3/10/2020	0	746	746
3/11/2020	0	808	808
3/12/2020	0	865	865
3/13/2020	0	872	872
3/14/2020	0	826	826
3/15/2020	0	860	860
3/16/2020	0	820	820
3/17/2020	0	842	842
3/18/2020	0	845	845
3/19/2020	0	843	843
3/20/2020	0	839	839
3/21/2020	0	860	860
3/22/2020	0	794	794
3/23/2020	0	824	824
3/24/2020	0	810	810
3/25/2020	0	148	148
3/26/2020	0	852	852
3/27/2020	0	839	839
3/28/2020	0	844	844
3/29/2020	0	829	829
3/30/2020	0	824	824
3/31/2020	0	867	867
	-	<b>24,355</b>	<b>24,355</b>

# APPENDIX C

PO00036PC5 Condition #5 and #6

Bio-diesel Supply and Delivery Data

## Biosoy and Red Dye Diesel Received for 2020-2021

	Date Received	Gallons	Bio B-99 Only	Red Dye Diesel Only
			Raw Tank	Mobile Equipment Tank
Apr-20	2-Apr			6,792
				6,792
May-20	7-May			6,897
May-20	18-May		6,440	
			6,440	6,897
Jun-20	16-Jun			6,785
				6,785
Jul-20	8-Jul		6,725	
Jul-20	20-Jul			6,812
			6,725	6,812
Aug-20	25-Aug		6,884	
			6,884	
Sep-20	8-Sep			6,799
				6,799
Oct-20				
Nov-20	5-Nov		6,955	
			6,955	
Dec-20			6,985	
Dec-20				6,794
			6,985	6,794
Feb-21			6,488	6,412
			6,488	6,412
Mar-21				

Yearly Total Biodiesel 40,477  
 Yearly Total Red diesel 47,291





## Biodiesel Tank Report

Page  
1 of 1

<b>Reference Number:</b> 326-90001-200707-T17	<b>Report Date:</b> July 7, 2020
<b>Product Type:</b> B99.9	<b>Maxum</b>

<b>ASTM D6751 Biodiesel Report</b>					
Test Parameter	Result <sup>1</sup>	ASTM Limit	Units	Test Method (current revision)	
Cloud point:	1.9°C (35.4 °F)	Report	°C	D2500	
Free Glycerin:	0.004	0.020, max	% mass	D6584	
Total Glycerin	0.031	0.240, max	% mass	D6584	
Monoglycerides:	0.104	N/A	% mass	D6584	
Diglycerides:	0.000	N/A	% mass	D6584	
Triglycerides:	0.000	N/A	% mass	D6584	
Water & Sediment:	< 0.005	0.050, max	% volume	D2709	
Acid Number:	0.20	0.50, max	mg KOH/g	D664	
Relative Density @ 60°F:	0.8809	N/A	N/A	D1298	
Visual Inspection:	1 @ 70°F	N/A	Haze rating	D4176, Procedure 2	
Oxidation Stability (110 °C):	7.0***	3, min	hrs	EN 15751	
Flash point (closed cup):	172	93, min	°C	D93	
Alcohol Control	Methanol Content	n/a	0.2, max	% volume	EN 14110
	Flashpoint	172	130, min	°C	D93
Moisture:	0.016	N/A	% mass	E203	
Cold Soak Filtration:	91***	360	seconds	D7501	
Sulfur:	1.9	15	ppm	D5453	
Sodium & Potassium Combined:	< 1.0	5, max	ppm (µg/g)	EN 14538	
Calcium & Magnesium Combined:	< 1.0	5, max	ppm (µg/g)	EN 14538	
Phosphorus:	<0.001	0.001, max	% mass	D4951	
Carbon Residue:	<0.010	0.050, max	% mass	D4530	
Sulfated Ash:	0.005	0.020, max	% mass	D874	
Kinematic Viscosity at 40 °C:	4.131	1.9-6.0	mm <sup>2</sup> /sec.	D445	
Copper Corrosion (3 hrs at 50 °C):	1A	No. 3, max	N/A	D130	
Distillation at 90% Recovered:	351.3	360, max	°C	D1160	
Cetane Number:	59.2	47, min	N/A	D613	

<sup>1</sup> Unless otherwise specified, each value is a weighted average of the values reported for the fuel in the tank

\*\* This value is an actual test result from a representative sample from this tank

\*\*\* This value is the least favorable result from the commingled blend

Prepared by: Katie Blomme REG Ames July 7, 2020  
 Name Location Date







# Biodiesel Certificate of Analysis

**BQ-9000  
Producer**

FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20180131

<b>Lot Number:</b>	712-90001-201008-T507C	<b>Product Type:</b>	REG-9000/1
<b>Inlet Seal Number:</b>	9388870	<b>OS:</b>	D

## ASTM D6751 Analysis of REG-9000® Biodiesel

Property	Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:	0.9 (34)	Report	Report	°C (°F)	D7397
Free Glycerin:	0.006	0.020, max	0.014	% mass	D6584
Total Glycerin:	0.057	0.240, max	0.16	% mass	D6584
Monoglycerides <sup>1</sup> :	0.191	N/A	0.40, max	% mass	D6584
Diglycerides <sup>1</sup> :	0.011	N/A	0.20, max	% mass	D6584
Triglycerides <sup>1</sup> :	0.000	N/A	0.20, max	% mass	D6584
Water & Sediment:	0.000	0.050, max	0.01	% volume	D2709
Acid Number:	0.10	0.50, max	0.40	mg KOH/g	D974
Visual Inspection <sup>1</sup> :	1 @73.0°F	N/A	1	Haze rating	D4176, Procedure 2
Relative Density at 60°F <sup>1</sup> :	0.8816	N/A	0.87 – 0.89	N/A	D4052
Oxidation Stability (110 °C):	9.1	3, min	6.0	hrs	EN 15751
Flash point (closed cup):	161.5	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	% mass	EN 14110
	Option 2: Flashpoint	161.5	130, min	130	°C
Moisture <sup>1</sup> :	0.005	N/A	0.040, max	% mass	D6304
Cold Soak Filtration:	92	360	200	seconds	D7501
Cold Soak Filter Blocking Tendency <sup>1</sup> :	1.0 *	N/A	Report	N/A	CAN/CGSB-3.0 No. 142.0
Sulfur:	5.1	15	15	ppm (mg/kg)	D5453
Sodium & Potassium Combined:	0.9 *	5, max	1.5	ppm (mg/kg)	EN 14538
Calcium & Magnesium Combined:	0.0 *	5, max	1.5	ppm (mg/kg)	EN 14538
Total Contamination <sup>1</sup> :	2.7 *	N/A	15, max	mg/L	D7321
Ester Content <sup>1</sup> :	97.0 *	N/A	97, min	% mass	EN 14103
Phosphorus:	0.0000 *	0.001, max	0.001	% mass	D4951
Carbon Residue:	0.005 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:	0.005 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:	4.084 *	1.9-6.0	3.8 – 5.0	mm <sup>2</sup> /sec.	D445
Copper Corrosion (3 hrs at 50 °C):	1a *	No. 3, max	No. 1a	N/A	D130
Distillation at 90% Recovered:	351 *	360, max	360	°C	D1160
Cetane Number:	48.6 *	47, min	47	N/A	D613

<sup>1</sup> These tests are not ASTM D6751 specification requirements.

\* This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by: Ausra Kalesinskas Biodiesel Lab Supervisor REG Seneca, LLC 10/9/2020  
 Name Title Location Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.



## Biodiesel Tank Report

<b>Reference Number:</b> 326-90001-210201-T18	<b>Report Date:</b> February 1, 2021
<b>Product Type:</b> B99.9	<b>Maxum</b>

ASTM D6751 Biodiesel Report				
Test Parameter	Result <sup>1</sup>	ASTM Limit	Units	Test Method (current revision)
Cloud point:	-1.9°C (28.6°F)	Report	°C	D2500
Free Glycerin:	0.007	0.020, max	% mass	D6584
Total Glycerin	0.042	0.240, max	% mass	D6584
Monoglycerides:	0.133	N/A	% mass	D6584
Diglycerides:	0.003	N/A	% mass	D6584
Triglycerides:	0.000	N/A	% mass	D6584
Water & Sediment:	< 0.005	0.050, max	% volume	D2709
Acid Number:	0.23	0.50, max	mg KOH/g	D664
Relative Density @ 60°F:	0.8821	N/A	N/A	D1298
Visual Inspection:	1 @ 70°F	N/A	Haze rating	D4176, Procedure 2
Oxidation Stability (110 °C):	10.9***	3, min	hrs	EN 15751
Flash point (closed cup):	174	93, min	°C	D93
Alcohol Control	Methanol Content	n/a	% volume	EN 14110
	Flashpoint	174	130, min	°C
Moisture:	0.007	N/A	% mass	E203
Cold Soak Filtration:	98***	360	seconds	D7501
Sulfur:	2.3	15	ppm	D5453
Sodium & Potassium Combined:	< 1.0	5, max	ppm (µg/g)	EN 14538
Calcium & Magnesium Combined:	< 1.0	5, max	ppm (µg/g)	EN 14538
Phosphorus:	<0.001	0.001, max	% mass	D4951
Carbon Residue:	<0.010	0.050, max	% mass	D4530
Sulfated Ash:	0.005	0.020, max	% mass	D874
Kinematic Viscosity at 40 °C:	4.071	1.9-6.0	mm <sup>2</sup> /sec.	D445
Copper Corrosion (3 hrs at 50 °C):	1A	No. 3, max	N/A	D130
Distillation at 90% Recovered:	351.5	360, max	°C	D1160
Cetane Number:	51.0	47, min	N/A	D613

<sup>1</sup> Unless otherwise specified, each value is a weighted average of the values reported for the fuel in the tank

\*\* This value is an actual test result from a representative sample from this tank

\*\*\* This value is the least favorable result from the commingled blend

Prepared by: Katie Blomme REG Ames February 1, 2021  
 Name Location Date



## Biodiesel Certificate of Analysis

BQ-9000  
Producer

FM.LAB.001g Biodiesel Certificate of Analysis-REG CSFBT 20210301

Lot Number:	710-90001-210324-T2	Product Type:	REG-9000/1
Inlet Seal Number:	1582777	OS:	E

## ASTM D6751 Analysis of REG-9000® Biodiesel

Property	Value	ASTM D6751 Limit	REG-9000® Limit	Units	Test Method (current revision)
Cloud point:	-0.5 (31)	Report	Report	°C (°F)	D7397
Free Glycerin:	0.006	0.020, max	0.014	% mass	D6584
Total Glycerin:	0.030	0.240, max	0.16	% mass	D6584
Monoglycerides <sup>1</sup> :	0.096	N/A	0.40, max	% mass	D6584
Diglycerides <sup>1</sup> :	0.000	N/A	0.20, max	% mass	D6584
Triglycerides <sup>1</sup> :	0.000	N/A	0.20, max	% mass	D6584
Water & Sediment:	0.000	0.050, max	0.01	% volume	D2709
Acid Number:	0.25	0.50, max	0.40	mg KOH/g	D664
Visual Inspection <sup>1</sup> :	1 @ 76.8°F	N/A	1	Haze rating	D4176, Procedure 2
Relative Density at 60°F <sup>1</sup> :	0.8826	N/A	0.87 – 0.89	N/A	D1298
Oxidation Stability (110 °C):	13.4	3, min	6.0	hrs	EN 15751
Flash point (closed cup):	189.0	93, min	93	°C	D93
Alcohol Control	Option 1: Methanol	N/A	0.2, max	% mass	EN 14110
	Option 2: Flashpoint	189	130, min	130	°C
Moisture <sup>1</sup> :	0.009	N/A	0.040, max	% mass	E203
Cold Soak Filtration:	93	360	200	seconds	D7501
Cold Soak Filter Blocking Tendency <sup>1</sup> :	1.0	N/A	Report	N/A	CAN/CGSB-3.0 No. 142.0
Sulfur:	2.4	15	15	ppm (mg/kg)	D7039
Sodium & Potassium Combined:	<0.2 *	5, max	1.5	ppm (mg/kg)	EN 14538
Calcium & Magnesium Combined:	<0.2 *	5, max	1.5	ppm (mg/kg)	EN 14538
Total Contamination <sup>1</sup> :	2.4 *	N/A	15, max	mg/L	D7321
Ester Content <sup>1</sup> :	97.9 *	N/A	97, min	% mass	EN 14103
Phosphorus:	0.0000 *	0.001, max	0.001	% mass	D4951
Carbon Residue:	0.005 *	0.050, max	0.050	% mass	D4530
Sulfated Ash:	0.005 *	0.020, max	0.020	% mass	D874
Kinematic Viscosity at 40 °C:	4.059 *	1.9-6.0	3.8 – 5.0	mm <sup>2</sup> /sec.	D445
Copper Corrosion (3 hrs at 50 °C):	1a *	No. 3, max	No. 1a	N/A	D130
Distillation at 90% Recovered:	351 *	360, max	360	°C	D1160
Cetane Number <sup>2</sup> :	51 *	47, min	47	N/A	D613

<sup>1</sup> These tests are not ASTM D6751 specification requirements.<sup>2</sup> This value is the most recently acquired result for this product from this plant. This test is performed periodically.

Prepared by: Lynne Keough Lab Technician 1 REG Albert Lea, LLC 03/26/2021

Name

Title

Location

Date

Please contact Inside Sales at Renewable Energy Group, Inc. at (888)734-8686 with any questions or comments about this product.

# APPENDIX D

PO00036PC6

Finished Product Moisture Data

Raw Material and Finished Product Moistures

First Quarter

Mar-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	16.2%
Finished product at Kiln 4 (Conveyor # 26)	16.4%
Disintegrator feed belt (# 4)	18.2%
Raw Material Hopper feed Belt (# 16)	16.1%
Raw Material Pug mill feed Belt (# 17)	14.9%

May-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.3%
Disintegrator feed belt (# 4)	19.4%
Raw Material Hopper feed Belt (# 16)	18.4%
Raw Material Pug mill feed Belt (# 17)	16.5%

Apr-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator feed belt (# 4)	17.8%
Raw Material Hopper feed Belt (# 16)	16.4%
Raw Material Pug mill feed Belt (# 17)	15.2%

Jun-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator feed belt (# 4)	18.9%
Raw Material Hopper feed Belt (# 16)	17.5%
Raw Material Pug mill feed Belt (# 17)	15.4%

Second Quarter

Jul-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	16.1%
Disintegrator feed belt (# 4)	18.2%
Raw Material Hopper feed Belt (# 16)	16.4%
Raw Material Pug mill feed Belt (# 17)	15.3%

Aug-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	16.4%
Finished product at Kiln 4 (Conveyor # 26)	15.3%
Disintegrator feed belt (# 4)	20.1%
Raw Material Hopper feed Belt (# 16)	19.6%
Raw Material Pug mill feed Belt (# 17)	16.8%

Sep-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator feed belt (# 4)	17.4%
Raw Material Hopper feed Belt (# 16)	17.3%
Raw Material Pug mill feed Belt (# 17)	16.8%

Third Quarter

Oct-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.4%
Finished product at Kiln 4 (Conveyor # 26)	16.2%
Disintegrator feed belt (# 4)	18.4%
Raw Material Hopper feed Belt (# 16)	17.6%
Raw Material Pug mill feed Belt (# 17)	16.5%

Nov-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	16.8%
Finished product at Kiln 4 (Conveyor # 26)	15.2%
Disintegrator feed belt (# 4)	20.4%
Raw Material Hopper feed Belt (# 16)	19.8%
Raw Material Pug mill feed Belt (# 17)	18.2%

Dec-20 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	15.2%
Finished product at Kiln 4 (Conveyor # 26)	15.8%
Disintegrator feed belt (# 4)	21.8%
Raw Material Hopper feed Belt (# 16)	19.8%
Raw Material Pug mill feed Belt (# 17)	17.2%

Four Quarter

Jan-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.8%
Disintegrator feed belt (# 4)	20.2%
Raw Material Hopper feed Belt (# 16)	19.2%
Raw Material Pug mill feed Belt (# 17)	18.6%

Feb-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	14.6%
Disintegrator feed belt (# 4)	22.6%
Raw Material Hopper feed Belt (# 16)	19.7%
Raw Material Pug mill feed Belt (# 17)	19.4%

Mar-21 area pulled

	Moisture
Finished product at Kiln 3 (Conveyor # 25)	0.0%
Finished product at Kiln 4 (Conveyor # 26)	12.2%
Disintegrator feed belt (# 4)	20.4%
Raw Material Hopper feed Belt (# 16)	19.4%
Raw Material Pug mill feed Belt (# 17)	19.2%

# APPENDIX E

PO00036PC7  
Amendment 50 to PO00036

Quarterly Dust Readings























# APPENDIX F

PO00036PC7

Water Spray Logs



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 04-10-2020

Time 09:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

	<u>K-3</u>	<u>K-4</u>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

	<u>Operating</u>	<u>Malfunction</u>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) RICHARD STENED  
 Signature Richard Stened





# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 4-22-2020

Time 11:15

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steward

Signature Richard Steward



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 5-6-2020 Time 08:45

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion System

Inspect for proper operations: K-3 K-4  
 YES  NO  YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions: Operating Malfunction  
 YES  NO  YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steiner  
Signature Richard Steiner



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date May 19, 2020

Time 8:30 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

	<u>K-3</u>		<u>K-4</u>
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

	<u>Operating</u>		<u>Malfunction</u>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) RICHARD STEWEN

Signature Richard Stewen



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date JUNE 3, 2020

Time 11:00 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion System

Inspect for proper operations:

<u>K-3</u>	<u>K-4</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

<u>Operating</u>	<u>Malfunction</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected by (print name) Richard Steiner  
 Signature Richard Steiner



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 06-12-2020

Time 9:30 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

<u>K-3</u>	<u>K-4</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

<u>Operating</u>	<u>Malfunction</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician

Signature/Date: \_\_\_\_\_

Inspected By (print name)

RICHARD STEWEN

Signature

Richard Stewen



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 06-24-2020 Time 09:30 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations: K-3 K-4  
 YES  NO  YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operating Malfunction  
Operations and any malfunctions:  YES  NO  YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician [Signature]  
Signature/Date:

Inspected By (print name) Richard Stuebel

Signature Richard Stuebel





# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 07 - 24 - 2020

Time 10:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3                      K-4

YES    NO

YES    NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES    NO

YES    NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

RICHARD STEWARD



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 07-08-2020

Time 10:30 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion System

Inspect for proper operations:

K-3                      K-4

YES    NO                       YES    NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating                      Malfunction

YES    NO                       YES    NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Stewart

Signature Richard Stewart





# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 8-6-2020

Time 9:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) RICHARD S. SEMEL

Signature Richard Semel



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 8-19-2020

Time 9:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

<u>K-3</u>	<u>K-4</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

<u>Operating</u>	<u>Malfunction</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steiner

Signature Richard Steiner



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 09-03-2020 Time 7:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations: K-3 K-4  
 YES  NO  YES  NO

Note: If any malfunctions give explanation and action taken;

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions: Operating Malfunction  
 YES  NO  YES  NO

Note: If any malfunctions explanation and action taken;

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

\_\_\_\_\_  
\_\_\_\_\_

Maintenance Technician  
Signature/Date: \_\_\_\_\_  
Inspected By (print name) RICHARD STEWART  
Signature Richard Stewart



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 09-17-2020

Time 7:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppresion System

Inspect for proper operations:

K-3                      K-4

YES    NO

YES    NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppresion System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES    NO

YES    NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Stamen

Signature Richard Stamen



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10-01-2020

Time 10:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

<u>K-3</u>	<u>K-4</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

<u>Operating</u>	<u>Malfunction</u>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Spence

Signature [Handwritten Signature]



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10-13-2020

Time 10:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steiner  
Signature Richard Steiner





# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 10-29-2020

Time 8:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Ronald Steward

Signature Ronald Steward



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11-11-2020

Time 8:30

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3                      K-4

YES    NO

YES    NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES    NO

YES    NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steiner

Signature Richard Steiner





# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 11-25-2020

Time 9:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician

Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

Richard Steiner  
Richard Steiner



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12-10-2020

Time 13:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

	<u>K-3</u>		<u>K-4</u>	
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

	<u>Operating</u>		<u>Malfunction</u>	
	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician

Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

Richard Steiner

Richard Steiner



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 12-22-2020

Time 10:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3                      K-4

YES    NO

YES    NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES    NO

YES    NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician

Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

Richard Stead  
Richard Stead



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 02-16-2021

Time 11:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3                      K-4

YES  NO       YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating                      Malfunction

YES  NO       YES  NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician

Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

*Richard Stewart*  
*Richard Stewart*



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 02-26-2021

Time 10:00

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

	<u>K-3</u>	<u>K-4</u>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

	<u>Operating</u>	<u>Malfunction</u>
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Note: If any malfunctions explanation and action taken;

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) RICHARD STEWART

Signature [Handwritten Signature]



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-12-2021 Time 10:20

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations: K-3 K-4  
 YES  NO  YES  NO

Note: If any malfunctions give explanation and action taken;

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Description of any malfunction and a description of any necessary repairs)

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions: Operating Malfunction  
 YES  NO  YES  NO

Note: If any malfunctions explanation and action taken;

BAD PUMP NEEDS TO BE REPAIRED  
\_\_\_\_\_  
\_\_\_\_\_

**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

\_\_\_\_\_  
\_\_\_\_\_

Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name) Richard Steved  
Signature Richard Steved



# Water Sprays and Operational Inspection

(Per Title-5 to ensure compliance with rule 50 and 40 CFR part 60, subpart 000.)

To be Completed Every Two Weeks:

Date 03-24-2021

Time 8:00 AM

## Kiln Cooler(s)/ water sprays equipment/Sand Conversion Belt Dust Suppression System

Inspect for proper operations:

K-3

K-4

YES  NO

YES  NO

Note: If any malfunctions give explanation and action taken;

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(Description of any malfunction and a description of any necessary repairs

## Power Screen Dust Suppression System:

Inspect Water Spray(s) Systems for Operations and any malfunctions:

Operating

Malfunction

YES  NO

YES  NO

Note: If any malfunctions explanation and action taken;

Gas Pump

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**Maintenance department;** Describe corrective action (parts needed, and/or installed, etc.)

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Maintenance Technician  
Signature/Date: \_\_\_\_\_

Inspected By (print name)

Signature

Richard Steward  
Richard Steward

# APPENDIX G

PO00036PC2 Condition #3

CEMS Logs



**ARCOSA Lightweight**  
**Permit Number 00036**

**Breakdown Periods**  
**02 Breakdown Summary**  
April 1, 2020 to March 31,20121

Date	Device	Duration	Componet	Comment
5/2/2020	Kiln #4 ZR22	96 Hours	O2 Wet	Had several problems with O2 senor and and converter. We replaced the O2 sensor and reclibrated the ZR408G Converter. Had some issues with Nexus and CEMS software. Nexus had to reappear several analog equations and SICK reset all computers.
5/9/2020	Kiln #4 ZR22	72 Hours	O2 Wet	O2 Sensor would not Calibrate. Called the manufacturer and followed their instructions. The O2 Sensor calibrated after resetting the computers and converter.

