

**Trustees of CSU and  
CSUCI Site Authority**

Camarillo, CA

Title V part 70  
Annual Compliance Certification

RECEIVED  
MAY 14 11:10:03  
A.P.C.D.

**VCAPCD Permit to Operate #1267**

Period covered April 1, 2014 to March 31, 2015

**May 2015**

This page intentionally left blank.



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

**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.

<p>Signature and Title of Responsible Official:</p> <p>Ysabel Trinidad Title: Vice President</p> <p><i>(Handwritten Signature)</i></p>	<p>Date:</p> <p><i>13-MAY-2015</i></p>
--	--

<p>Time Period Covered by Compliance Certification</p> <p><u>04</u> / <u>01</u> / <u>14</u> (MM/DD/YY) to <u>03</u> / <u>31</u> / <u>15</u> (MM/DD/YY)</p>
--

This page intentionally left blank.



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.9N7</u></p>	<p>D. Frequency of monitoring: Submit report of annual engine hours of maintenance to District every Calendar Year by February 15.</p>
<p>B. Description: Rule 74.9.D.3 Applicable Requirements Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain records of: 1) Annual hours used during maintenance operations 2) Date, time, duration, and reason for emergency operation 3) Engine Manufacturer, model number, operator id, and location.</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 #: <u>ATCM</u></p>	<p>D. Frequency of monitoring: Each Use Each Delivery</p>
<p>B. Description: ATCM for Stationary Compression Ignition Engines.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Record hours operated for maintenance and testing. Records of fuel type purchased for use.</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 #: <u>40 CFR Part 63, Subpart ZZZZ</u></p>	<p>D. Frequency of monitoring: Each Use Each Maintenance Cycle</p>
<p>B. Description: NESHAP for Reciprocating Internal Combustion Engines.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: 1) Change Oil Filter annually or every 500 hours. 2) Inspect Air Filter annually or every 1000 hours. 3) Inspect Belts/Hoses annually or every 500 hours. 4) Limit Non-Emergency use to less than 50 hours/year.</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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.15N1</u></p>	<p>D. Frequency of monitoring: Annual Source Test Biennial Source Testing</p>
<p>B. Description: Rule 74.15.B.1 Applicable Requirements Boilers, Heater Treaters, Steam Generators, and Process Heaters: NOx and CO Emission Limits Annual Heat Input &gt; 9,000 MMBTU.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable NOx - ARB Method 100 CO - ARB Method 100</p>
<p>C. Method of monitoring: Maintain Records of: 1) Source test report; and 2) Daily records of alternate fuel 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>Y</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>STRMLN1267-LM-2500-NOx, NH3</u></p>	<p>D. Frequency of monitoring: Continuous emission monitoring system for fuel consumption, NOx, O2, and control system parameters.</p>
<p>B. Description: GE LM 2500-33 Gas Turbine Based Cogeneration Unit NOx and NH3 Applicable Requirements Including Streamlined NOx Requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Note 1.</p>
<p>C. Method of monitoring: Annual Source Test for NOx, O2, NH3, and Maintain Records for: gaseous fuel HHV, CEMS data. 1) Source test Report 2) Maintenance operations periodic inspections, and repairs performed on the gas turbine, air pollution control system, and continuous emission monitors; and 3) Violations on exceedances of limits.</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 #: <u>STRMLN1267-LM-2500-SOx</u></p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: GE LM 2500-33 Gas Turbine Based Cogeneration Unit SOx Applicable Requirements - Streamlined Natural Gas and Distillate Fuel Oil Limits</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable See Note 2.</p>
<p>C. Method of monitoring: Only used PUC quality gas. Did not have any Distillate Fuel Oil deliveries.</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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO1267PC1 Condition No. 1</p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 1 - Throughput and Consumption Limits</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain 12-month rolling average 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 #: PO1267PC1 Condition No. 2</p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 2 - Solvent Usage</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain monthly records of solvent purchase and usage, as well as records of solvent that is recycled or disposed of properly.</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 #: PO1267PC2 Condition No. 1 &amp; 8</p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 1 - Annual Emission and Throughput Limits Condition No. 8 - Records</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain rolling 12 month average records of natural gas, fuel oil, and ammonia consumption, as well as emissions of ROC, NOx, PM, SOx, and CO for the gas turbine and for the B&amp;W boilers.</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>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 2 &amp; 8</p>	<p>D. Frequency of monitoring: <b>Monthly</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 2 - Steam Boilers - Natural Gas Condition No. 8 - Records</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain rolling 12-month average records of fuel consumption and emissions of ROC, NOx, PM, SOx, and CO for the B&amp;W boilers.</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 #: PO1267PC2 Condition No. 3 &amp; 8</p>	<p>D. Frequency of monitoring: <b>Upon use</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 3 - Steam Boilers - Fuel Oil Condition No. 8 - Records</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain Records of fuel oil used.  No fuel oil used this 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 #: PO1267PC2 Condition No. 4</p>	<p>D. Frequency of monitoring: <b>Continuous</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 4 - Steam Boilers - Monitor and Record Fuel Consumption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Continuous monitoring and recording of fuel consumption B&amp;W boilers.</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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 5</p>	<p>D. Frequency of monitoring: <b>Continuous</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 5 - Steam Boilers - CEM for excess Oxygen in Exhaust Stacks</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Continuous in-stack emissions monitoring and recording of excess oxygen in exhaust stacks of B&amp;W boilers.</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> <small>*If yes, attach Deviation Summary Form</small></p>

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 6</p>	<p>D. Frequency of monitoring: <b>As Needed</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 6 - Steam Boilers - Standby Service</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain records documenting the transition period during which the B&amp;W boilers and the Gas Turbine are simultaneously operated.</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> <small>*If yes, attach Deviation Summary Form</small></p>

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 7 &amp; 8</p>	<p>D. Frequency of monitoring: <b>Upon use</b></p>
<p>B. Description: Additional Permit Requirements Condition No. 7 - GE LM 2500-33 Gas Turbine Fuel Use Limits Condition No. 8 - Records</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Maintain Records of fuel oil used.  No fuel oil used this 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> <small>*If yes, attach Deviation Summary Form</small></p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 9</p>	<p>D. Frequency of monitoring: <b>Annually</b></p>
<p>B. Description: Additional Permit Requirements Combustion Emission Units Condition No. 9 - Planned Shutdowns</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Notified District in letter dated November 20, 2014 of dates for planned shutdowns for calendar year 2015.</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 50</p>	<p>D. Frequency of monitoring: Annual Formal Survey Periodic visual observations</p>
<p>B. Description: Rule 50 Applicable Requirements Opacity</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: Routine surveillance and visible inspections. Records of visible emissions for a period or periods aggregating more than three (3) minutes in any one (1) hour including date, time, and identity of emissions unit.</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 54.B.1</p>	<p>D. Frequency of monitoring: <b>Annually</b></p>
<p>B. Description: Rule 54 Applicable Requirements Sulfur Compounds - Sulfur Emissions from Combustion Operations at Point of Discharge.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Test Method 6, 6A, 6C, 8, 15, 16A, 16B, or SCAQMD Method 307-94.</p>
<p>C. Method of monitoring: Gas analysis demonstrating that natural gas burned has a sulfur content less than 236 ppm.</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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Rule 54.B.2</b></p>	<p>D. Frequency of monitoring: <b>Annually</b></p>
<p>B. Description: <b>Rule 54 Applicable Requirements Sulfur Compounds - Sulfur Dioxide Concentration</b></p>	<p>E. Source test reference method, if applicable. <b>Attach Source Test Summary Form, if applicable SO2 - BAAQMD Manual of Procedures, Vol. VI, Section 1, ground Level Monitoring for H2S and SO2.</b></p>
<p>C. Method of monitoring: <b>Per District Memo dated May 23, 1996, CI Power maintains Sulfur analysis of all fuels that shows Sulfur content below 0.5%. This results in sulfur dioxide concentrations below 0.25 ppm averaged over one hour, or 0.04 ppm averaged over a 24-hour period, at ground level at any point at or beyond the property line.</b></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> <i>*If yes, attach Deviation Summary Form</i></p>
<p>A. Attachment # or Permit Condition #: <b>Rule 55</b></p>	<p>D. Frequency of monitoring: <b>As needed.</b></p>
<p>B. Description: <b>Rule 55 Applicable Requirements Fugitive Dust</b></p>	<p>E. Source test reference method, if applicable. <b>Attach Source Test Summary Form, if applicable EPA Method 9</b></p>
<p>C. Method of monitoring: <b>No operations, disturbed surface areas, or man made conditions at this stationary source that are subject to Rule 55 this reporting period.</b></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> <i>*If yes, attach Deviation Summary Form</i></p>
<p>A. Attachment # or Permit Condition #: <b>Rule 57.1</b></p>	<p>D. Frequency of monitoring: <b>Continuous.</b></p>
<p>B. Description: <b>Rule 57 Applicable Requirements Combustion Contaminants - Specific - Fuel Burning Equipment</b></p>	<p>E. Source test reference method, if applicable. <b>Attach Source Test Summary Form, if applicable Not applicable</b></p>
<p>C. Method of monitoring: <b>District analysis of Rule 57.1 compliance is based on EPA emission factors.</b></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> <i>*If yes, attach Deviation Summary Form</i></p>



## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Rule 64.B.1</p>	<p>D. Frequency of monitoring: <b>Annually</b></p>
<p>B. Description: Rule 64.B.1 Applicable Requirements Sulfur Content of Fuels - Gaseous Fuel Requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>SCAQMD Method 307-94</b></p>
<p>C. Method of monitoring: Only burned PUC quality natural gas this 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 64.B.2</p>	<p>D. Frequency of monitoring: <b>Each delivery.</b></p>
<p>B. Description: Rule 64.B.2 Applicable Requirements Sulfur Content of Fuels - Solid or Liquid Fuel Requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>ASTM D4294-98 or D2622-98</b></p>
<p>C. Method of monitoring: Maintain Records of sulfur content of fuels purchased.  No solid or liquid fuel deliveries this</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 74.6</p>	<p>D. Frequency of monitoring: <b>Periodic</b></p>
<p>B. Description: Rule 74.6 Applicable Requirements Surface Cleaning and Degreasing</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>See Note 3.</b></p>
<p>C. Method of monitoring: Routine surveillance of solvent cleaning activities. Maintain records of current solvent information including: 1) Name and Manufacturer's description. 2) Intended use at the facility. 3) ROC content and ROC composite pressure. 4) Mix Ratio if blended.</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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Rule 74.11</b></p>	<p>D. Frequency of monitoring: <b>Not applicable</b></p>
<p>B. Description: <b>Rule 74.11 Applicable Requirements Large Water Heaters and Small Boilers</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: <b>Facility does not have any applicable equipment.</b></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 #: <b>Rule 74.22</b></p>	<p>D. Frequency of monitoring: <b>Not applicable</b></p>
<p>B. Description: <b>Rule 74.22 Applicable Requirements Natural Gas-Fired Fan-Type Central Furnaces.</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>Not applicable</b></p>
<p>C. Method of monitoring: <b>Facility does not have any applicable equipment.</b></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 #: <b>Rule 74.1</b></p>	<p>D. Frequency of monitoring: <b>Not Applicable this period</b></p>
<p>B. Description: <b>Rule 74.1 Applicable Requirements Abrasive Blasting</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>CCR Section 92400</b></p>
<p>C. Method of monitoring: <b>Maintain Records of abrasive blasting performed on site. No abrasive blasting performed on site this period.</b></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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <b>Rule 74.2</b></p>	<p>D. Frequency of monitoring: <b>Periodic</b></p>
<p>B. Description: <b>Rule 74.2 Applicable Requirements Architectural Coatings</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>See Note 4.</b></p>
<p>C. Method of monitoring: <b>Routine surveillance of architectural coating operations. Maintain records of usage of architectural coatings.</b></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 #: <b>Rule 74.4.D</b></p>	<p>D. Frequency of monitoring: <b>Not Applicable this period</b></p>
<p>B. Description: <b>Rule 74.4.D Applicable Requirements Cutback Asphalt - Road Oils</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>ASTM D402</b></p>
<p>C. Method of monitoring: <b>Maintain Records of ROC content in cutback asphalt used on site.  No cutback asphalt used on site this period.</b></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 #: <b>40 CFR 61.M</b></p>	<p>D. Frequency of monitoring: <b>Not applicable</b></p>
<p>B. Description: <b>40 CFR Part 61, Subpart M Applicable Requirements National Emission Standard for Asbestos</b></p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <b>See 40 CFR 61.145</b></p>
<p>C. Method of monitoring: <b>Maintain Records of asbestos demolition or renovation activities. No asbestos demolition or renovation performed this period.</b></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 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40 CFR 68 RMP-1267</p>	<p>D. Frequency of monitoring: Not applicable</p>
<p>B. Description: 40 CFR Part 68 Applicable Requirements Accidental Release Prevention and Risk Management Plans</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Effective 3/27/2009 the Facility de-registered from the 40 CFR Part 68 RMP by reducing on site inventory of all regulated substances below TQ's.</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 82</p>	<p>D. Frequency of monitoring: Not Applicable this period</p>
<p>B. Description: 40 CFR Part 82 Applicable Requirements Protection of Stratospheric Ozone</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: No servicing of motor (fleet) vehicles involving ozone- depleting substance refrigerants in the motor vehicle occurred. No maintenance, repair or disposal of appliances occurred.</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 #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form</p>

NOTE	ATTACHMENT	
1	STRMLN1267-LM-2500- NOx, NH3, BOX E	NOx – EPA Method 20 O2 – ARB Method 100 NH3 – BAAQMD Method ST-1B Nat Gas HHV – ASTM D1826-88 Fuel Oil HHV – ASTM 240-87
2	STRMLN1267-LM-2500- Sox, Box E	Gaseous Fuel – SCAQMD Method 307-94 Fuel Oil – ASTM D4294-98 or D2622-98 Exhaust sulfur compounds – EPA Test Method 6, 6A, 6C, 8, 15, 16A, 16B, or SCAQMD 307-94, as appropriate.
3	Rule 74.6, Box E	ROC Content – EPA Test Method 24 Identity of solvent compounds – ASTM E168-67, ASTM E169-87, or ASTM E260-85 True VP or composite VP – ASTM D2879-86 or other methods per Rule 7436.G.5 Initial Boiling Point – ASTM 1078-78 or published source Spray Gun active/passive solvent losses – SCAQMD method (10-3-89)
4	Rule 74.2, Box E	VOC Content – EPA Method 24 or CARB Method 432 Acid Content – ASTM Method D1613-85 Metal Content – SCAQMD Method 311-91



**Emergency Standby Stationary Internal Combustion Engines  
Attachment 74.9N7**

Emergency standby stationary internal combustion engines are subject to the permit conditions of this Attachment. Annual Compliance Certification consists of the following information.

<b>Engine</b>	<b>Maintenance Operations</b>	<b>Permit Condition</b>
Blackstart Generator	7.0 hours	< 50 hours per year

**Emergency Operations**

<b>Date / Time</b>	<b>Duration</b>	<b>Reason</b>
No Emergency Operations This Permit Term.		

Emergency Standby Stationary Internal Combustion Engine Data

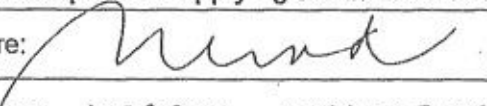
<b>Characteristic</b>	<b>Data</b>
Manufacturer	Detroit Diesel
Model Number	71637305
Operator ID	Blackstart Engine
Location	Between switchyard and package boilers

Rule 74.9N7

**EMERGENCY DIESEL ENGINE  
2014 ANNUAL REPORT FORM**

Reporting Period: January 1 through December 31, 2014  
Report Due Date: February 15, 2015

Your APCD Permit to Operate requires your facility to submit reports of the annual hours of operation and/or maintenance and testing, and emergency use for each diesel emergency engine. If the annual operating hours, excluding emergency operation, exceed the specified annual permit limit, please include an explanation. Please Note: California Health and Safety Code 42304 requires the holder of an APCD Permit to Operate to furnish the information requested by the APCD within a reasonable time or the APCD may suspend the Permit to Operate.

Facility Name:	Trustees of CSU & CSUCI Site Auth.	Permit No:	01267
Facility Address:	1947 W. Potrero Rd.	Facility Contact:	Jeff Smith
City:	Camarillo, CA 93012	Phone:	805-437-3795
755 BHP	Detroit Diesel Emergency Standby Engine(565 KW), Model 71637305, Serial No. 16VA19578, "Blackstart"		
Are the details listed above correct? If no, please make corrections.		Yes	<input checked="" type="checkbox"/> No
<b>Reporting Requirements for Calendar 2014</b>			
	Date of Reading		Meter Reading
First of 2014:	1/8/14	First of 2014:	307.2
End of 2014:	12/29/14	End of 2014:	326.5
Total annual hours for: Maintenance & Testing:		7.9	
Hours of Emergency use:		12.0	
Total Hours of operation:		19.9	
Has the engine listed above exceeded the permit limit for maintenance and testing? If yes, please explain here or attach additional pages:			NO
Signature of person supplying the information: "I certify that the above information is correct."			
Signature:		Title:	VICE PRESIDENT
Print Name:	YSABEL TRINIDAD	Date:	26-JAN-2015
Phone #:	805-437-8878	Email:	YSABEL.TRINIDAD@CSUCI.EDU
Send report to:	Ms. Chris Cole Ventura County Air Pollution Control District 669 County Square Drive, Second Floor Ventura, CA 93003	For questions contact:	
		Chris:	(805) 645-1442, <a href="mailto:chrisc@vcapcd.org">chrisc@vcapcd.org</a>
		Eric:	(805) 645-1496, <a href="mailto:eric@vcapcd.org">eric@vcapcd.org</a>
		Fax:	(805) 645-1444 Form#: 01267-20

**Emergency Standby Stationary Internal Combustion Engines  
Attachment ATCM**

Emergency standby stationary internal combustion engines are subject to the permit conditions of this Attachment. Annual Compliance Certification consists of the following information.

Engine	Maintenance Operations	Permit Condition
Blackstart Generator	7.0 hours	< 20 hours per year

Emergency Standby Stationary Internal Combustion Engine Fuel Purchases

Date	Volume	Fuel Type

No Fuel Deliveries this reporting period.

**NESHAP Stationary Reciprocating Internal Combustion Engines  
Attachment 40 CFR Part 63, Subpart ZZZZ**

Stationary reciprocating internal combustion engines are subject to the permit conditions of this Attachment. Annual Compliance Certification consists of the following information.

<b>Engine</b>	<b>Maintenance Operations</b>	<b>Permit Condition</b>
Blackstart Generator	7.0 hours	< 100 hours per year

**Emergency Operations**

<b>Date / Time</b>	<b>Duration</b>	<b>Reason</b>
No Emergency Operations This Permit Term.		

Stationary Reciprocating Internal Combustion Maintenance Table

<b>Maintenance Item</b>	<b>Perodicity</b>
Oil & Oil Filter	Annually
Air Filter	Annually
Belts / Hoses	Annually



## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

A. Emission Unit Description: HX002  Per Attachment 74.15.N1			B. Pollutant:  NOx
C. Measured Emission Rate:  32.0 ppmvd @ 3.0% O2	D. Limited Emission Rate:  40 ppmvd @ 3.0% O2	E. Specific Source Test or Monitoring Record Citation:  PTO #1267	F. Test Date:  10/29/14

A. Emission Unit Description: HX002  Per Attachment 74.15.N1			B. Pollutant:  CO
C. Measured Emission Rate:  139.0 ppmvd @ 3.0% O2	D. Limited Emission Rate:  400 ppmvd @ 3.0% O2	E. Specific Source Test or Monitoring Record Citation:  PTO #1267	F. Test Date:  10/29/14

A. Emission Unit Description: HX003  Per Attachment 74.15.N1			B. Pollutant:  NOx
C. Measured Emission Rate:  33.4 ppmvd @ 3.0% O2	D. Limited Emission Rate:  40 ppmvd @ 3.0% O2	E. Specific Source Test or Monitoring Record Citation:  PTO #1267	F. Test Date:  10/29/14

A. Emission Unit Description: HX003  Per Attachment 74.15.N1			B. Pollutant:  CO
C. Measured Emission Rate:  90.3 ppmvd @ 3.0% O2	D. Limited Emission Rate:  400 ppmvd @ 3.0% O2	E. Specific Source Test or Monitoring Record Citation:  PTO #1267	F. Test Date:  10/29/14

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:



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 14 (MM/DD/YY) to 03 / 31 / 15 (MM/DD/YY)

A. Emission Unit Description: GE LM2500-33 Natural Gas Fired Turbine Per Attachment STRMLN1267-LM-2500-NOx, NH3			B. Pollutant: NOx
C. Measured Emission Rate: 6.9 ppmvd @ 15.0% O2	D. Limited Emission Rate: 9 ppmvd @ 15.0% O2	E. Specific Source Test or Monitoring Record Citation: PTO #1267	F. Test Date: 10/29/14

A. Emission Unit Description: GE LM2500-33 Natural Gas Fired Turbine Per Attachment STRMLN1267-LM-2500-NOx, NH3			B. Pollutant: NH3
C. Measured Emission Rate: 8.6 ppmvd @ 15.0% O2	D. Limited Emission Rate: 20 ppmvd @ 15.0% O2	E. Specific Source Test or Monitoring Record Citation: PTO #1267	F. Test Date: 10/29/14

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:

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:

**GE LM 2500-33 Gas Turbine Based Cogeneration Unit**  
**Attachment STRMLN1267LM2500-NO<sub>x</sub>NH<sub>3</sub>**

GE LM 2500-33 Gas Turbine is subject to the permit conditions of this Attachment. Annual Compliance Certification includes the following information.

**List of CEM Breakdowns**

Date	Time	Description	Excess Emissions

No breakdowns this reporting period.



4100 Burr St.  
 Bakersfield, CA 93380  
 Tel. 661-324-1317  
 fax. 661-324-2746

C.I. Power  
 Attn: Margaret  
 1947 W. Potrero Rd.  
 Camarillo, Ca 93012

Sampled: 2/25/2015  
 Submitted: 2/25/2015  
 Analyzed: 2/25/2015  
 Reported: 2/26/2015

**Gas Analysis by Chromatography - ASTM D 3588-91**

Company:	CI Power	Lab No.:	150286-1
Location:	Camarillo	Purchase Order #:	
Description:	Cogen Fuel Gas	Sample Type:	

Component	Mole %	Weight %	G/MCF		
Oxygen	ND	0.00			
Nitrogen	0.24	0.39			
Carbon Dioxide	1.20	3.05			
Hydrogen	ND	0.00			
Carbon Monoxide	ND	0.00			
Methane	94.15	87.18			
Ethane	2.52	4.37			
Propane	1.74	4.43	0.480		
iso-Butane	0.03	0.10	0.010		
n-Butane	0.04	0.13	0.013		
iso-Pentane	0.03	0.12	0.011		
n-Pentane	0.03	0.12	0.011		
Hexanes Plus	0.02	0.10	0.008		
Totals	100.00	100.00	0.533		
Specific Volume, ft <sup>3</sup> /lb	21.90	Values Corrected			
Compressibility (Z) Factor	0.9977	for Compressibility			
Specific Gravity, Calculated	0.5982	0.5993			
<b>GROSS</b>		<b>CHONS</b>	<b>Weight %</b>		
BTU/R3	Dry	1044.9	1047.3	Carbon	73.698
	Wet	1026.6	1029.0	Hydrogen	23.698
BTU/lb	Dry	22885.5	22937.8	Oxygen	2.216
BTU/lb	Wet	22485.0	22536.4	Nitrogen	0.388
				Sulfur	0.000
<b>NET</b>				F FACTOR @	8634
BTU/R3	Dry	942.5	944.6	60 deg F, disc/MMBTU	
	Wet	926.0	928.1	F FACTOR @	8505
BTU/lb	Dry	20641.7	20688.9	60 deg F, disc/MMBTU	
BTU/lb	Wet	20280.5	20326.8		
Hydrogen Sulfide, ppm		TR<1	Method	ASTM D4810	
Total Sulfur as Hydrogen Sulfide, ppm		Not Tested	Method	GC/FPD	
Dew Point, deg F		Not Tested	Method	Bureau of Mines	
Moisture, lbs H <sub>2</sub> O/MMCF		Not Tested	Method	Bureau of Mines	

ID: None Detected

TR: Trace



**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	GE LM-2500-33 GAS TURBINE											
	1	2	3	4	5	6	7	8	9	10	11	12
May-13	173,668	156,147	172,660	169,342	155,010	111,316	93,075	113,875	118,324	97,336	60,196	131,273
Fuel Gas (MMCF)	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil (Mgal)	2457.89	2209.49	2443.15	2398.19	2193.39	1575.12	1317.02	1611.33	1674.28	1377.30	851.77	1857.52
ROC	3538.37	3340.07	3969.24	3955.71	3563.38	2570.79	2188.47	2634.17	2977.91	2341.56	1389.29	3071.55
NOx	1059.50	952.50	1053.23	1032.99	945.56	679.03	567.76	694.64	721.77	593.75	367.19	800.77
PM	104.21	93.69	103.60	101.61	93.01	66.79	55.95	68.33	70.99	59.40	36.12	78.78
SOx	9175.95	8249.27	9121.65	8946.33	8189.17	5880.82	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16
CO	186,883	198,850	251,677	253,146	226,496	180,089	154,785	199,704	204,352	159,290	91,292	214,144
NH3 Usage (KSCF)												

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	BABCOCK & WILCOX BOILERS											
	1	2	3	4	5	6	7	8	9	10	11	12
May-13	0.000	0.455	0.093	0.328	0.975	2.835	3.199	2.750	2.337	2.902	5.056	1.984
Fuel Gas (MMCF)	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil (Mgal)	0.00	6.11	1.25	4.41	13.12	38.13	43.02	36.99	31.43	39.03	68.00	26.82
ROC	0.00	23.16	4.74	16.70	49.68	144.42	162.95	140.08	119.05	147.83	257.55	101.57
NOx	0.00	3.48	0.71	2.49	7.41	21.55	24.31	20.90	17.76	22.05	38.42	15.15
PM	0.00	0.27	0.06	0.20	0.59	1.70	1.92	1.65	1.40	1.74	3.03	1.20
SOx	0.00	140.94	28.84	101.61	302.36	878.90	991.62	852.48	724.47	899.61	1567.32	618.12
CO												

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	EMERGENCY GENERATOR OPERATING HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12
May-13	0.20	0.00	0.20	0.10	0.00	0.00	0.50	0.00	0.40	0.00	0.30	0.00
Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00
Emergency												

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED CONDITIONS (PER YEAR)	PERMITTED LIMITS
ROC	14.88 TONS
NOx	33.38 TONS
PM	8.73 TONS
SOx	25.01 TONS
CO	57.59 TONS
Maintenance	20.00 HOURS
Emergency	N/A HOURS

EMISSION SUBTOTALS			EMISSION FACTORS	
1552.24	MMCF		GAS	LBS/MMCF
0.00	MMCF		FUEL OIL	LBS/MGAL
21964.23	LBS	10.98 TONS	14.15	1.84
35540.61	LBS	17.77 TONS	CEM	CEM
9468.68	LBS	4.73 TONS	6.10	3.10
931.35	LBS	0.47 TONS	0.60	24.41
82004.97	LBS	41.00 TONS	52.83	4.45

EMISSION SUBTOTALS			EMISSION FACTORS	
22.92	MMCF		GAS	LBS/MMCF
0.00	MMCF		FUEL OIL	LBS/MGAL
308.32	LBS	0.15 TONS	13.45	1.60
1167.72	LBS	0.58 TONS	50.94	20.74
174.22	LBS	0.09 TONS	7.60	2.00
13.75	LBS	0.01 TONS	0.60	24.41
7106.27	LBS	3.55 TONS	310.00	43.92

EMISSION TOTALS		
22272.55	LBS	11.14 TONS
36708.33	LBS	18.35 TONS
9642.90	LBS	4.82 TONS
945.10	LBS	0.47 TONS
89111.24	LBS	44.56 TONS

TOTAL HOURS	
1.70	HOURS
12.50	HOURS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	156.147	172.660	169.342	155.010	111.316	93.075	113.875	118.324	97.336	60.196	131.273	110.808
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2209.48	2443.15	2386.19	2193.38	1575.12	1317.02	1611.33	1674.28	1377.30	851.77	1857.52	1567.91
NOx	3340.07	3969.24	3956.71	3563.38	2570.79	2188.47	2634.17	2977.91	2341.56	1389.29	3071.65	2612.7
PM	952.50	1053.23	1032.99	945.56	679.03	567.76	694.64	721.77	593.75	367.19	800.77	675.92
SOx	93.69	103.60	101.61	93.01	66.79	55.85	68.33	70.99	58.40	36.12	78.76	66.48
CO	8249.27	9121.95	8946.33	8189.17	5890.82	4917.18	6016.03	6251.04	5142.24	3180.13	6995.16	5853.88
WHS Usage (Kscf)	198.890	251.677	253.146	226.499	180.089	154.785	199.704	204.352	159.290	91.292	214.144	179.097

GE LM-2500-33 GAS TURBINE			
EMISSION SUBTOTALS		EMISSION FACTORS	
1489.36	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
21074.45	LBS	10.54	TONS
34614.94	LBS	17.31	TONS
9085.10	LBS	4.54	TONS
893.62	LBS	0.45	TONS
78692.91	LBS	39.34	TONS
		52.53	4.45

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	0.455	0.093	0.328	0.975	2.835	3.199	2.750	2.337	2.902	5.056	1.994	2.517
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	6.11	1.25	4.41	13.12	38.13	43.02	36.99	31.43	39.03	68.00	26.82	33.85
NOx	23.16	4.74	16.70	49.68	144.42	162.95	140.08	119.05	147.83	257.55	101.57	128.20
PM	3.46	0.71	2.49	7.41	21.55	24.31	20.90	17.76	22.05	38.42	15.15	19.13
SOx	0.27	0.06	0.20	0.59	1.70	1.92	1.65	1.40	1.74	3.03	1.20	1.51
CO	140.94	28.94	101.61	302.36	878.90	991.62	852.48	724.47	899.61	1567.32	618.12	780.16

BABCOCK & WILCOX BOILERS			
EMISSION SUBTOTALS		EMISSION FACTORS	
25.44	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
342.17	LBS	13.45	1.60
1295.92	LBS	0.65	TONS
183.34	LBS	7.60	2.00
15.26	LBS	0.01	TONS
7895.43	LBS	3.94	TONS
		310.00	43.92

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

PERMITTED CONDITIONS (PER YEAR)
ROC 14.88 TONS
NOx 33.38 TONS
PM 8.73 TONS
SOx 25.01 TONS
CO 57.59 TONS

EMISSION TOTALS
ROC 21416.62 LBS 10.71 TONS
NOx 35910.86 LBS 17.96 TONS
PM 9278.44 LBS 4.64 TONS
SOx 908.88 LBS 0.45 TONS
CO 86899.33 LBS 43.28 TONS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.20	0.10	0.00	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.10
Emergency	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	12.00	0.00	0.00

TOTAL HOURS
1.60 HOURS
12.50 HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines.

PERMITTED LIMITS
Maintenance 20.00 HOURS
Emergency N/A HOURS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	GE LM-2500-33 GAS TURBINE											
	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	172.660	169.342	155.010	111.316	93.075	113.875	118.324	97.336	60.196	131.273	110.808	162.995
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2443.15	2396.19	2193.39	1575.12	1317.02	1611.33	1674.28	1377.30	651.77	1857.52	1567.91	2306.38
NOx	3969.24	3955.71	3563.38	2570.79	2188.47	2634.17	2977.91	2341.56	1389.29	3071.55	2612.71	3836.32
PM	1053.23	1032.99	945.56	679.03	567.76	694.64	721.77	593.75	367.19	800.77	675.92	994.27
SOx	103.60	101.51	93.01	66.79	55.65	68.33	70.99	58.40	36.12	78.76	66.48	97.80
CO	9121.65	8946.33	8189.17	5880.82	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16	5853.88	8611.03
NH3 Usage (KSCF)	251.677	253.146	226.496	180.089	154.785	195.704	204.352	159.290	91.292	214.144	179.091	233.652

EMISSION SUBTOTALS			EMISSION FACTORS	
	MMCF	LBS	GAS LBS/MMCF	FUEL OIL LBS/MGAL
	1496.21	10.59 TONS	14.15	1.84
	0.00	17.56 TONS	6.10	3.10
	21171.34	4.56 TONS	0.60	24.41
	35111.19	39.52 TONS	52.83	4.45

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	BABCOCK & WILCOX BOILERS											
	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	0.093	0.328	0.975	2.835	3.199	2.750	2.337	2.902	5.055	1.994	2.517	0.239
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1.25	4.41	13.12	38.13	43.02	36.99	31.43	39.03	68.00	26.82	33.85	3.22
NOx	4.74	16.70	49.68	144.42	162.95	140.08	119.05	147.83	257.55	101.57	128.20	12.18
PM	0.71	2.49	7.41	21.55	24.31	20.90	17.76	22.05	38.42	15.15	19.13	1.82
SOx	0.06	0.20	0.59	1.70	1.92	1.65	1.40	1.74	3.03	1.20	1.51	0.14
CO	28.84	101.61	302.36	878.90	991.62	852.48	724.47	899.61	1567.32	618.12	780.16	74.12

EMISSION SUBTOTALS			EMISSION FACTORS	
	MMCF	LBS	GAS LBS/MMCF	FUEL OIL LBS/MGAL
	25.22	0.17 TONS	13.45	1.60
	0.00	0.84 TONS	50.94	20.74
	339.27	0.10 TONS	7.60	2.00
	1284.94	0.01 TONS	0.60	24.41
	191.71	3.91 TONS	310.00	43.92

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

PERMITTED CONDITIONS (PER YEAR)	EMISSION TOTALS
ROC	21510.61 LBS
NOx	36395.13 LBS
PM	9318.58 LBS
SOx	912.86 LBS
CO	86864.28 LBS
	10.76 TONS
	18.20 TONS
	4.66 TONS
	0.48 TONS
	43.43 TONS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	TOTAL HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.20	0.10	0.00	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.10	0.20
Emergency	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	12.00	0.00	0.00	0.00

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	HOURS
Maintenance	20.00 HOURS
Emergency	N/A HOURS

1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	169.342	155.010	111.316	93.075	113.875	118.324	97.336	60.196	131.273	110.806	162.995	174.274
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2396.19	2193.39	1575.12	1317.02	1611.33	1674.26	1377.30	851.77	1857.52	1567.91	2306.38	2465.98
NOx	3955.71	3563.38	2570.79	2188.47	2634.17	2977.91	2341.56	1389.29	3071.65	2612.7	3836.32	4096.92
PM	1032.98	945.56	679.03	567.76	694.64	721.77	593.75	367.19	800.77	675.92	994.27	1063.07
SOx	101.61	93.01	66.79	55.85	68.33	70.99	58.40	36.12	78.76	66.48	97.80	104.56
CO	8946.33	8189.17	5880.82	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16	5853.88	8611.03	9206.89
NH3 Usage (Kscf)	253.146	226.496	180.099	154.785	199.704	204.352	159.290	91.292	214.144	179.091	233.652	244.200

GE LM-2500-33 GAS TURBINE		
EMISSION SUBTOTALS		EMISSION FACTORS
1497.82 MMCF		GAS
0.00 MMCF		FUEL OIL
21194.17 LBS	10.60 TONS	LBS/MMCF
35238.87 LBS	17.62 TONS	CEM
9136.71 LBS	4.57 TONS	CEM
898.69 LBS	0.45 TONS	SOx
79129.91 LBS	39.56 TONS	CO
		52.83
		4.45

2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	0.328	0.975	2.835	3.189	2.750	2.337	2.902	5.056	1.994	2.517	0.239	0.120
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	4.41	13.12	38.13	43.02	36.99	31.43	39.03	68.00	26.82	33.85	3.22	1.62
NOx	16.70	49.68	144.42	162.95	140.08	119.05	147.63	287.55	101.57	128.20	12.18	6.13
PM	2.49	7.41	21.55	24.31	20.90	17.76	22.05	38.42	15.15	19.13	1.82	0.91
SOx	0.20	0.59	1.70	1.92	1.65	1.40	1.74	3.03	1.20	1.51	0.14	0.07
CO	101.61	302.36	878.90	991.62	852.48	724.47	899.61	1567.32	618.12	780.16	74.12	37.30

BABCOCK & WILCOX BOILERS			
EMISSION SUBTOTALS		EMISSION FACTORS	
25.25 MMCF		GAS	
0.00 MMCF		FUEL OIL	
339.64 LBS	0.17 TONS	LBS/MMCF	13.45
1286.33 LBS	0.64 TONS	LBS/MMCF	1.60
191.91 LBS	0.10 TONS	LBS/MMCF	50.94
15.15 LBS	0.01 TONS	LBS/MMCF	7.60
7628.08 LBS	3.91 TONS	LBS/MMCF	24.41
		LBS/MMCF	43.92

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

PERMITTED CONDITIONS (PER YEAR)	EMISSION TOTALS
ROC	21533.61 LBS
NOx	36525.20 LBS
PM	9328.63 LBS
SOx	913.84 LBS
CO	86957.99 LBS
	43.48 TONS

3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.10	0.00	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.10	0.20	0.00
Emergency	0.00	0.00	0.00	0.00	0.50	0.00	0.00	12.00	0.00	0.00	0.00	0.00

TOTAL HOURS
1.60 HOURS
12.50 HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	
Maintenance	20.00 HOURS
Emergency	N/A HOURS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	EMISSION FACTORS											
	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	155.010	111.316	93.075	113.875	118.324	97.336	60.196	131.273	110.806	162.995	174.274	172.669
Fuel Oil (Mgall)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2193.39	1575.12	1317.02	1611.33	1674.28	1377.30	851.77	1857.52	1567.91	2306.38	2465.98	2443.27
NOx	3563.38	2570.79	2188.47	2634.17	2977.91	2341.56	1369.29	3071.65	2612.7	3836.32	4096.92	4033.67
PM	945.56	679.03	567.78	694.64	721.77	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28
SOx	93.01	66.79	55.85	68.33	70.99	58.40	36.12	78.76	66.48	97.80	104.56	103.60
CO	6189.17	5880.82	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16	5863.88	8611.03	9206.89	9122.11
NH3 Usage (KSCF)	226.496	180.089	154.785	199.704	204.352	159.290	91.292	214.144	179.091	233.652	244.200	251.065

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	EMISSION FACTORS											
	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	0.975	2.835	3.199	2.750	2.337	2.902	5.056	1.994	2.517	0.239	0.120	0.147
Fuel Oil (Mgall)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	13.12	38.13	43.02	36.99	31.43	39.03	66.00	26.82	33.85	3.22	1.62	1.98
NOx	49.68	144.42	162.95	140.08	119.05	147.83	257.55	101.57	128.20	12.18	6.13	7.49
PM	7.41	21.55	24.31	20.90	17.76	22.05	38.42	15.15	19.13	1.82	0.91	1.12
SOx	0.59	1.70	1.92	1.65	1.40	1.74	3.03	1.20	1.51	0.14	0.07	0.09
CO	302.36	878.90	991.62	852.48	724.47	899.61	1567.32	618.12	780.16	74.12	37.30	45.57

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	TOTAL HOURS											
	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.10	0.20	0.00	0.20
Emergency	0.00	0.00	0.00	0.50	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	20.00	HOURS
Maintenance	N/A	HOURS
Emergency	N/A	HOURS

EMISSION SUBTOTALS			EMISSION FACTORS		
1501.15	MMCF	GAS	14.15	TONS	FUEL OIL
0.00	MMCF	LBS/MMCF	14.15	TONS	LBS/MGAL
21241.26	LBS	10.62	TONS	14.15	1.84
35316.83	LBS	17.66	TONS	CEM	CEM
9157.01	LBS	4.58	TONS	6.10	3.10
900.69	LBS	0.45	TONS	0.60	24.41
79305.89	LBS	39.65	TONS	52.83	4.45

EMISSION SUBTOTALS			EMISSION FACTORS		
25.07	MMCF	GAS	13.45	TONS	FUEL OIL
0.00	MMCF	LBS/MMCF	13.45	TONS	LBS/MGAL
337.21	LBS	0.17	TONS	13.45	1.60
1277.12	LBS	0.64	TONS	50.94	20.74
190.54	LBS	0.10	TONS	7.60	2.00
15.04	LBS	0.01	TONS	0.60	24.41
7772.04	LBS	3.89	TONS	310.00	43.92

EMISSION TOTALS		PERMITTED CONDITIONS (PER YEAR)	
21578.46	LBS	14.88	TONS
36593.95	LBS	33.38	TONS
9347.55	LBS	8.73	TONS
915.73	LBS	25.01	TONS
87077.73	LBS	57.59	TONS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	111.316	93.075	113.875	118.324	97.336	60.196	131.273	110.806	162.995	174.274	172.669	171.031
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1575.12	1317.02	1611.33	1674.28	1377.30	851.77	1857.52	1567.91	2306.38	2465.98	2443.27	2420.09
NOx	2570.79	2188.47	2634.17	2977.91	2341.56	1389.29	3071.65	2612.7	3836.32	4096.92	4033.67	3878.87
PM	679.03	567.76	694.64	721.77	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29
SOx	66.78	55.85	68.33	70.99	58.40	36.12	78.76	66.48	97.80	104.56	103.60	102.52
CO	5880.82	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16	5853.88	8611.03	9208.89	9122.11	9035.58
NH3 Usage (Kscf)	180.089	154.785	199.704	204.352	159.290	91.292	214.144	179.091	233.652	244.200	251.065	242.308

GE LM-2500-33 GAS TURBINE			
EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
1517.17	MMCF		
0.00	MMCF		
21467.96	LBS	10.73	TONS
35632.32	LBS	17.82	TONS
9254.74	LBS	4.63	TONS
910.30	LBS	0.46	TONS
80152.11	LBS	40.08	TONS
		52.93	4.45

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	2.836	3.189	2.750	2.337	2.902	5.056	1.994	2.517	0.239	0.120	0.147	0.000
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	38.13	43.02	36.99	31.43	39.03	68.00	28.82	33.85	3.22	1.62	1.98	0.00
NOx	144.42	162.95	140.08	119.09	147.83	287.55	101.57	128.20	12.18	6.13	7.49	0.00
PM	21.55	24.31	20.90	17.76	22.05	38.42	15.15	1.82	0.91	1.12	1.12	0.00
SOx	1.70	1.92	1.65	1.40	1.74	3.03	1.20	1.51	0.14	0.07	0.09	0.00
CO	878.90	991.62	852.48	724.47	898.61	1567.32	618.12	780.16	74.12	37.30	45.57	0.00

BABCOCK & WILCOX BOILERS			
EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
24.10	MMCF		
0.00	MMCF		
324.09	LBS	0.16	TONS
1227.44	LBS	0.61	TONS
183.13	LBS	0.09	TONS
14.46	LBS	0.01	TONS
7489.68	LBS	3.73	TONS
		310.00	43.92

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1257PC2

PERMITTED CONDITIONS (PER YEAR)
ROC 14.88 TONS
NOx 33.38 TONS
PM 8.73 TONS
SOx 25.01 TONS
CO 57.59 TONS

EMISSION TOTALS
ROC 21792.05 LBS
NOx 36859.76 LBS
PM 9437.87 LBS
SOx 924.76 LBS
CO 87621.79 LBS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.50	0.00	0.40	0.00	0.30	0.00	0.10	0.20	0.00	0.20	0.00
Emergency	0.00	0.00	0.50	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL HOURS
1.70 HOURS
12.50 HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines.

PERMITTED LIMITS
Maintenance 20.00 HOURS
Emergency N/A HOURS



**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

GE LM-2500-33 GAS TURBINE												
EMISSION SUBTOTALS											EMISSION FACTORS	
											GAS	FUEL OIL
											LBS/MMCF	LBS/MGAL
1516.71 MMCF											14.15	1.84
0.00 MMCF												
21461.43 LBS											10.73 TONS	17.81 TONS
35625.05 LBS											17.81 TONS	CEM
9251.93 LBS											4.63 TONS	6.10
910.03 LBS											0.46 TONS	24.41
80127.74 LBS											40.06 TONS	52.83
											4.45	

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	93.075	113.875	118.324	97.336	60.106	131.273	110.806	162.995	174.274	172.669	171.031	110.855
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1317.02	1611.33	1674.28	1377.30	851.77	1857.52	1567.91	2306.38	2465.98	2443.27	2420.09	1568.59
NOx	2188.47	2634.17	2977.91	2341.56	1389.29	3071.65	2612.7	3836.32	4095.92	4033.67	3878.87	2563.52
PM	567.76	694.64	721.77	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21
SOx	55.85	68.33	70.99	58.40	36.12	78.76	66.48	97.80	104.56	103.60	102.62	66.51
CO	4917.18	6016.03	6251.04	5142.24	3180.13	6935.16	5853.88	8611.03	9208.99	9122.11	9035.58	5856.46
NH3 Usage (KSCF)	154.785	199.704	204.352	159.290	91.292	214.144	179.091	233.652	244.200	251.065	242.308	174.981

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

BABCOCK & WILCOX BOILERS												
EMISSION SUBTOTALS											EMISSION FACTORS	
											GAS	FUEL OIL
											LBS/MMCF	LBS/MGAL
24.27 MMCF											13.45	1.60
0.00 MMCF												
326.37 LBS											0.16 TONS	0.62 TONS
1236.06 LBS											0.62 TONS	50.84
184.41 LBS											0.09 TONS	7.60
14.56 LBS											0.01 TONS	0.60
7522.17 LBS											3.76 TONS	310.00
											43.92	

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	3.199	2.750	2.337	2.902	5.056	1.994	2.517	0.239	0.120	0.147	0.000	3.005
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	43.02	36.99	31.43	39.03	68.00	26.82	33.85	3.22	1.62	1.98	0.00	40.41
NOx	162.95	140.08	119.05	147.83	257.55	101.57	128.20	12.18	6.13	7.49	0.00	153.05
PM	24.31	20.90	17.76	22.05	38.42	15.15	19.13	1.82	0.91	1.12	0.00	22.83
SOx	1.92	1.65	1.40	1.74	3.03	1.20	1.51	0.14	0.07	0.09	0.00	1.80
CO	991.62	852.48	724.47	899.61	1567.32	618.12	780.16	74.12	37.30	45.57	0.00	931.40

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

EMISSION TOTALS	
ROC	14.88 TONS
NOx	33.38 TONS
PM	8.73 TONS
SOx	25.01 TONS
CO	57.59 TONS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

TOTAL HOURS											
1.90 HOURS											12.50 HOURS

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.50	0.00	0.40	0.00	0.30	0.00	0.10	0.20	0.00	0.20	0.00	0.20
Emergency	0.00	0.50	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PERMITTED LIMITS	
Maintenance	20.00 HOURS
Emergency	N/A HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	113.875	118.324	97.336	60.196	131.273	110.806	162.995	174.274	172.669	171.031	110.855	94.451
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1611.33	1674.28	1377.30	851.77	1657.52	1567.91	2306.38	2465.98	2443.27	2420.09	1568.59	1336.48
NOx	2634.17	2977.91	2341.56	1389.29	3071.55	2612.7	3836.32	4096.92	4033.67	3678.87	2563.52	2388.89
PM	694.64	721.77	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21	576.15
SOx	68.33	70.99	58.40	36.12	78.76	66.48	97.80	104.56	103.60	102.62	66.51	56.67
CO	6016.03	6251.04	5142.24	3180.13	6836.16	5853.88	8611.03	8206.89	9122.11	9035.55	5856.46	4989.83
NH3 usage (KSCFH)	199.704	204.352	159.290	91.292	214.144	179.091	233.652	244.200	251.065	242.308	174.981	167.202

GE LM-2500-33 GAS TURBINE		
EMISSION SUBTOTALS		EMISSION FACTORS
		GAS FUEL OIL
1518.08	MMCF	14.15
0.00	MMCF	1.84
21480.89	LBS	17.91
35826.47	LBS	CEM
9260.31	LBS	6.10
910.85	LBS	0.60
80200.39	LBS	52.83

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	2.750	2.337	2.902	5.056	1.994	2.517	0.239	0.120	0.147	0.000	3.005	3.141
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	36.99	31.43	39.03	68.00	26.82	33.85	3.22	1.62	1.98	0.00	40.41	42.24
NOx	140.08	119.05	147.83	267.55	101.57	128.20	12.18	6.13	7.49	0.00	153.05	159.99
PM	20.90	17.76	22.05	38.42	15.15	19.13	1.82	0.91	1.12	0.00	22.83	23.87
SOx	1.65	1.40	1.74	3.03	1.20	1.51	0.14	0.07	0.09	0.00	1.80	1.88
CO	852.48	724.47	899.61	1567.32	618.12	780.16	74.12	37.30	45.57	0.00	931.40	973.64

BABCOCK & WILCOX BOILERS		
EMISSION SUBTOTALS		EMISSION FACTORS
		GAS FUEL OIL
24.21	MMCF	13.45
0.00	MMCF	1.60
326.59	LBS	0.82
1233.11	LBS	50.94
163.97	LBS	7.60
14.52	LBS	0.60
7504.19	LBS	310.00

PERMITTED CONDITIONS (PER YEAR)
ROC
NOx
PM
SOx
CO

14.88 TONS
33.38 TONS
8.73 TONS
26.01 TONS
57.59 TONS

EMISSION TOTALS	
21806.48	LBS
37058.58	LBS
9444.29	LBS
926.37	LBS
87704.59	LBS

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.40	0.00	0.30	0.00	0.10	0.20	0.00	0.20	0.00	0.20	0.10
Emergency	0.50	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL HOURS	
1.50	HOURS
12.50	HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	
Maintenance	20.00 HOURS
Emergency	N/A HOURS



**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	118.324	97.336	60.196	131.273	110.806	162.995	174.274	172.669	171.031	110.855	94.451	94.102
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1674.26	1377.30	851.77	1857.52	1567.52	2306.38	2465.98	2443.27	2420.09	1568.59	1336.48	1331.55
NOx	2977.91	2341.56	1389.29	3071.65	2612.7	3836.32	4096.92	4033.67	3878.87	2563.52	2398.89	2218.8
PM	721.77	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21	576.15	574.02
SOx	70.99	58.40	36.12	76.76	66.48	97.80	104.56	103.60	102.62	66.51	56.67	56.46
CO	6251.04	5142.24	3180.13	6935.16	5853.88	8611.03	9206.89	9122.11	9035.58	5856.46	4989.83	4971.42
NH3 Usage (Kscf)	204.352	159.290	91.292	214.144	179.091	233.652	244.200	251.055	242.308	174.981	167.202	145.047

GE LM-2500-33 GAS TURBINE			EMISSION FACTORS	
EMISSION SUBTOTALS			GAS	FUEL OIL
1498.31	MMCF		LBS/MMCF	LBS/MGAL
0.00	MMCF			
21201.10	LBS	10.60 TONS	14.15	1.84
35410.10	LBS	17.71 TONS	CEM	CEM
9139.70	LBS	4.57 TONS	6.10	3.10
898.99	LBS	0.45 TONS	0.60	24.41
79155.78	LBS	39.58 TONS	52.83	4.45

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	2.337	2.902	5.056	1.994	2.517	0.239	0.120	0.147	0.000	3.005	3.141	3.397
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	31.43	39.03	68.00	26.82	33.85	3.22	1.62	1.98	0.00	40.41	42.24	45.69
NOx	119.05	147.83	257.55	101.57	128.20	12.18	6.13	7.49	0.00	153.05	159.99	173.03
PM	17.76	22.05	38.42	15.15	19.13	1.82	0.91	1.12	0.00	22.83	23.87	25.81
SOx	1.40	1.74	3.03	1.20	1.51	0.14	0.07	0.09	0.00	1.80	1.88	2.04
CO	724.47	899.61	1567.32	618.12	780.16	74.12	37.30	45.57	0.00	931.40	973.64	1052.96

BABCOCK & WILCOX BOILERS			EMISSION FACTORS	
EMISSION SUBTOTALS			GAS	FUEL OIL
24.85	MMCF		LBS/MMCF	LBS/MGAL
0.00	MMCF			
334.28	LBS	0.17 TONS	13.45	1.80
1266.05	LBS	0.63 TONS	50.94	20.74
188.89	LBS	0.09 TONS	7.60	2.00
14.91	LBS	0.01 TONS	0.60	24.41
7704.57	LBS	3.85 TONS	310.00	43.92

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

PERMITTED CONDITIONS (PER YEAR)	
ROC	14.88 TONS
NOx	33.38 TONS
PM	8.73 TONS
SOx	25.01 TONS
CO	57.59 TONS

EMISSION TOTALS	
21535.39	LBS
36676.15	LBS
9328.59	LBS
913.90	LBS
86860.46	LBS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.40	0.00	0.30	0.00	0.10	0.20	0.00	0.20	0.00	0.20	0.10	6.40
Emergency	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL HOURS	
7.90	HOURS
12.00	HOURS

PERMITTED LIMITS	
Maintenance	20.00 HOURS
Emergency	N/A HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	97.336	60.196	131.273	110.806	162.995	174.274	172.869	171.031	110.655	94.451	94.102	106.244
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1377.30	851.77	1857.52	1567.91	2306.36	2465.98	2443.27	2420.09	1568.59	1338.48	1331.55	1503.36
NOx	2341.56	1389.29	3071.65	2612.7	3836.32	4096.92	4033.67	3878.87	2563.52	2388.89	2218.8	2512.04
PM	593.75	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21	576.15	574.02	648.09
SOx	58.40	36.12	78.76	66.48	97.80	104.56	103.60	102.62	66.51	56.67	56.46	63.75
CO	5142.24	3180.13	6935.16	5853.88	8611.03	9206.89	9122.11	9035.58	5856.46	4989.83	4971.42	5612.88
NH3 Usage (Kscf)	159.290	91.292	214.144	179.091	233.652	244.200	251.065	242.308	174.961	167.202	145.047	167.371

EMISSION SUBTOTALS			EMISSION FACTORS		
1486.23	MMCF		GAS	FUEL OIL	
0.00	MMCF		LBS/MMCF	LBS/MGAL	
21030.18	LBS	10.52 TONS	14.15	1.94	
34944.23	LBS	17.47 TONS	CEM	CEM	
9066.01	LBS	4.53 TONS	6.10	3.10	
891.74	LBS	0.45 TONS	0.60	24.41	
78617.63	LBS	39.26 TONS	52.83	4.45	

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	2.902	5.056	1.994	2.517	0.239	0.120	0.147	0.000	3.005	3.141	3.397	2.935
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	39.03	68.00	28.82	33.85	3.22	1.62	1.98	0.00	40.41	42.24	45.69	39.47
NOx	147.83	257.55	101.57	128.20	12.18	6.13	7.49	0.00	153.05	159.99	173.03	149.49
PM	22.05	38.42	15.15	19.13	1.82	0.91	1.12	0.00	22.83	23.87	25.81	22.30
SOx	1.74	3.03	1.20	1.51	0.14	0.07	0.09	0.00	1.80	1.88	2.04	1.76
CO	898.61	1567.32	618.12	780.16	74.12	37.30	45.57	0.00	931.40	973.64	1052.96	909.71

EMISSION SUBTOTALS			EMISSION FACTORS		
26.45	MMCF		GAS	FUEL OIL	
0.00	MMCF		LBS/MMCF	LBS/MGAL	
342.32	LBS	0.17 TONS	13.45	1.60	
1266.49	LBS	0.65 TONS	50.94	20.74	
193.43	LBS	0.10 TONS	7.60	2.00	
15.27	LBS	0.01 TONS	0.60	24.41	
7889.92	LBS	3.94 TONS	310.00	43.92	

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267/PC2

PERMITTED CONDITIONS (PER YEAR)
ROC 14.88 TONS
NOx 33.38 TONS
PM 8.73 TONS
SOx 25.01 TONS
CO 57.59 TONS

EMISSION TOTALS
ROC 21372.50 LBS
NOx 36240.72 LBS
PM 9259.44 LBS
SOx 907.01 LBS
CO 86407.54 LBS

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.30	0.00	0.10	0.20	0.00	0.20	0.00	0.20	0.10	6.40	0.00
Emergency	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL HOURS
7.50 HOURS
12.00 HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS
Maintenance 20.00 HOURS
Emergency N/A HOURS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	EMISSION SUBTOTALS												EMISSION FACTORS	
	1	2	3	4	5	6	7	8	9	10	11	12	GAS LBS/MMCF	FUEL OIL LBS/MGAL
Fuel Gas (MMCF)	60.196	131.273	110.806	162.995	174.274	172.669	171.031	110.855	94.451	94.102	106.244	102.151	1491.05	
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
ROC	851.77	1857.52	1567.91	2308.38	2465.96	2443.27	2420.09	1568.59	1336.48	1331.55	1503.36	1445.43	10.55	1.84
NOx	1389.29	3071.65	2612.7	3836.32	4096.92	4033.67	3878.87	2563.52	2388.89	2218.8	2512.04	2390.25	17.50	CEM
PM	367.19	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21	576.15	574.02	648.09	623.12	4.55	CEM
SOx	36.12	78.76	66.48	97.80	104.56	103.60	102.62	66.51	56.67	56.46	63.75	61.29	0.45	CEM
CO	3180.13	6935.16	5853.88	8611.03	9206.89	9122.11	9035.58	5856.46	4989.83	4971.42	5612.88	5396.93	39.39	0.60
NH3 Usage (KSCF)	91.292	214.144	179.091	233.652	244.200	251.065	242.308	174.981	167.202	145.047	167.371	160.258		52.83

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	EMISSION SUBTOTALS												EMISSION FACTORS	
	1	2	3	4	5	6	7	8	9	10	11	12	GAS LBS/MMCF	FUEL OIL LBS/MGAL
Fuel Gas (MMCF)	5.056	1.994	2.517	0.239	0.120	0.147	0.000	3.005	3.141	3.397	2.935	2.659	25.22	
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
ROC	68.00	26.82	33.85	3.22	1.62	1.98	0.00	40.41	42.24	45.69	39.47	35.89	0.17	13.45
NOx	257.55	101.57	128.20	12.18	6.13	7.49	0.00	153.05	159.99	173.03	149.49	135.95	0.64	50.94
PM	38.42	15.15	19.13	1.82	0.91	1.12	0.00	22.83	23.87	25.81	22.30	20.28	0.10	7.60
SOx	3.03	1.20	1.51	0.14	0.07	0.09	0.00	1.80	1.88	2.04	1.76	1.60	0.01	0.60
CO	1567.32	618.12	780.16	74.12	37.30	45.57	0.00	931.40	973.64	1052.96	909.71	827.31	3.91	310.00

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	PERMITTED CONDITIONS (PER YEAR)												
	1	2	3	4	5	6	7	8	9	10	11	12	
Maintenance	0.30	0.00	0.10	0.20	0.00	0.20	0.00	0.20	0.10	6.40	0.00	0.20	7.70
Emergency	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines. Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	
Maintenance	20.00 HOURS
Emergency	N/A HOURS

**1. GE LM-2500-33 GAS TURBINE (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	131,273	110,806	162,995	174,274	172,659	171,031	110,855	94,451	94,102	108,244	102,151	17,305
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1857.52	1567.91	2306.38	2465.98	2443.27	2420.09	1568.59	1336.48	1331.55	1503.36	1445.43	244.87
NOx	3071.65	2612.7	3836.32	4056.92	4033.67	3878.87	2563.52	2388.99	2218.81	2512.04	2390.25	303.21
PM	800.77	675.92	994.27	1063.07	1053.28	1043.29	676.21	576.15	574.02	648.09	623.12	105.56
SOx	78.76	66.48	97.80	104.56	97.80	102.62	66.51	56.67	56.46	63.75	61.29	10.38
CO	6935.16	5853.89	8611.03	9206.89	9122.11	9035.58	5856.46	4889.83	4971.42	5612.88	5396.63	914.23
NH3 Usage (KSCF)	214,144	179,091	233,652	244,200	251,055	242,308	174,981	167,202	145,047	167,371	160,258	26,253

EMISSION SUBTOTALS			EMISSION FACTORS		
1448.16	MMCF		GAS	FUEL OIL	
0.00	MMCF		LBS/MMCF	LBS/MGAL	
20491.42	LBS	10.25 TONS	14.15	1.84	
33908.84	LBS	16.96 TONS	CEM	CEM	
8833.76	LBS	4.42 TONS	6.10	3.10	
868.89	LBS	0.43 TONS	0.60	24.41	
76506.11	LBS	38.26 TONS	52.83	4.45	

**2. BABCOCK & WILCOX STEAM BOILERS (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Fuel Gas (MMCF)	1,994	2,517	0,239	0,120	0,147	0,000	3,005	3,141	3,397	2,935	2,669	4,744
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	26.82	33.85	3.22	1.62	1.98	0.00	40.41	42.24	45.69	39.47	36.89	63.80
NOx	101.57	128.20	12.18	6.13	7.49	0.00	153.05	159.99	173.03	149.49	135.95	241.64
PM	15.15	19.13	1.82	0.91	1.12	0.00	22.83	23.87	25.81	22.30	20.28	36.05
SOx	1.20	1.51	0.14	0.07	0.09	0.00	1.80	1.88	2.04	1.76	1.60	2.85
CO	618.12	780.16	74.12	37.30	45.57	0.00	931.40	973.64	1052.96	909.71	827.31	1470.53

EMISSION SUBTOTALS			EMISSION FACTORS		
24.91	MMCF		GAS	FUEL OIL	
0.00	MMCF		LBS/MMCF	LBS/MGAL	
334.98	LBS	0.17 TONS	13.45	1.60	
1268.71	LBS	0.63 TONS	50.94	20.74	
188.28	LBS	0.09 TONS	7.60	2.00	
14.94	LBS	0.01 TONS	0.60	24.41	
7720.82	LBS	3.86 TONS	310.00	43.92	

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PC2

PERMITTED CONDITIONS (PER YEAR)	ROC	NOx	PM	SOx	CO
	14.88 TONS	33.38 TONS	8.73 TONS	25.01 TONS	57.59 TONS
	ROC	20826.40 LBS	10.41 TONS	35175.55 LBS	17.59 TONS
	NOx	9023.04 LBS	4.51 TONS	893.84 LBS	0.44 TONS
	PM	84226.93 LBS	42.11 TONS		

**3. EMERGENCY GENERATOR OPERATING HOURS. (Permit to Operate #1267)**

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.00	0.10	0.20	0.00	0.20	0.00	0.20	0.10	6.40	0.00	0.20	0.00
Emergency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL HOURS
7.40 HOURS
0.00 HOURS

REFERENCE: Airborne Toxic Control Measure For Stationary Compression Engines, Attachment ATCM In-Use Emergency Engines

PERMITTED LIMITS	HOURS
Maintenance	20.00 HOURS
Emergency	N/A HOURS

Material Name	Material ID	Manufacturer	Date of MSDS	Size [oz]	Quantity Used	ROC Content [lb/gal]	ROC [lb]
Aerosol Penetrating Oil		Kano Labs	3/30/2001	10	12	5.01	4.70
Aerosol Surface Cleaner	M715	Gunk	1/12/2006	14	12	3.67	4.82
Aerosol Surface Cleaner	ICA736	I-Chem	1/13/2006	14	0	5.21	0.00
Aerosol paint remover	7764T21	Diversified Brands	8/17/1998	15	0	2.31	0.00
						Annual Total ROC [lb]	9.51
						Rule 23 ROC limit [lb]	200

This page intentionally left blank.









November 20, 2014

Lyle Olson  
Environmental Engineer, Compliance Section  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Re: Projected Shutdown Schedule for CY 2015

Mr. Olson,

In compliance with Title V Attachment PO1267PC2 Section 9, the proposed shutdown schedule for CY 2015 is submitted as detailed in Attachment 1.

The proposed schedule is for planning purposes only and is subject to change due to maintenance and operational requirements of the facility.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ysabel Trinidad'.

Ysabel Trinidad  
Vice President

Attachments:

Attachment 1 – CI Power Cogeneration Plant Projected Shutdown Schedule for CY 2015



Start Date	Start Time	End Date	End Time	Hours
1/2/2015	21:00	1/5/2015	8:00	59
1/9/2015	21:00	1/12/2015	8:00	59
1/16/2015	21:00	1/19/2015	8:00	59
1/23/2015	21:00	1/26/2015	8:00	59
1/30/2015	21:00	2/2/2015	8:00	59
2/6/2015	21:00	2/9/2015	8:00	59
2/13/2015	21:00	2/17/2015	8:00	83
2/20/2015	21:00	2/23/2015	8:00	59
2/27/2015	21:00	3/2/2015	8:00	59
3/6/2015	21:00	3/9/2015	8:00	59
3/13/2015	21:00	3/16/2015	8:00	59
3/20/2015	21:00	3/23/2015	8:00	59
3/27/2015	21:00	3/30/2015	8:00	59
4/3/2015	21:00	4/6/2015	8:00	59
4/10/2015	21:00	4/13/2015	8:00	59
4/17/2015	21:00	4/20/2015	8:00	59
4/24/2015	21:00	4/27/2015	8:00	59
5/1/2015	21:00	5/4/2015	8:00	59
5/8/2015	21:00	5/11/2015	8:00	59
5/15/2015	21:00	5/18/2015	8:00	59
5/22/2015	21:00	5/26/2015	8:00	83
5/29/2015	21:00	6/1/2015	8:00	59
6/5/2015	21:00	6/8/2015	8:00	59
6/12/2015	21:00	6/15/2015	8:00	59
6/19/2015	21:00	6/22/2015	8:00	59
6/26/2015	21:00	6/29/2015	8:00	59
7/3/2015	21:00	7/6/2015	8:00	59
7/10/2015	21:00	7/13/2015	8:00	59
7/17/2015	21:00	7/20/2015	8:00	59
7/24/2015	21:00	7/27/2015	8:00	59
7/31/2015	21:00	8/3/2015	8:00	59
8/7/2015	21:00	8/10/2015	8:00	59
8/14/2015	21:00	8/17/2015	8:00	59
8/21/2015	21:00	8/24/2015	8:00	59
8/28/2015	21:00	8/31/2015	8:00	59
9/4/2015	21:00	9/8/2015	8:00	83
9/11/2015	21:00	9/14/2015	8:00	59
9/18/2015	21:00	9/21/2015	8:00	59
9/25/2015	21:00	9/28/2015	8:00	59



Start Date	Start Time	End Date	End Time	Hours
10/2/2015	21:00	10/5/2015	8:00	59
10/9/2015	21:00	10/12/2015	8:00	59
10/16/2015	21:00	10/19/2015	8:00	59
10/23/2015	21:00	10/26/2015	8:00	59
10/30/2015	21:00	11/2/2015	8:00	59
11/6/2015	21:00	11/9/2015	8:00	59
11/13/2015	21:00	11/16/2015	8:00	59
11/20/2015	21:00	11/23/2015	8:00	59
11/25/2015	21:00	11/30/2015	8:00	107
12/4/2015	21:00	12/7/2015	8:00	59
12/11/2015	21:00	12/14/2015	8:00	59
12/18/2015	21:00	12/21/2015	8:00	59
12/24/2015	21:00	12/28/2015	8:00	83





October 29, 2014

Memorandum to File

Re: Annual Gas Turbine and Standby boiler Opacity Survey

1. On October 29, 2014 from 08:00 to 12:00, Delta Air Quality Services, Inc. conducted the annual source testing of the Gas Turbine while the unit was running at normal full load operation. Three one-hour emissions data runs were taken. The HRSG exhaust stack was inspected for visible emissions. There were no visible emissions observed at the HRSG exhaust stack.
2. On October 29, 2014 from 14:00 to 17:00, the Delta Air Quality Services, Inc. conducted the Bi-annual source testing of the Standby Boiler Units. The boiler stacks were inspected for visual emissions during the entire test run. The boilers operated with no visible emissions at each stack.

A handwritten signature in black ink, appearing to read 'Jeffery M. Smith', written over a horizontal line.

Jeffery M. Smith  
Plant Manager  
CI Power





Solvent Cleaning – Material List

Solvent Name	Manufacturer's Description	ROC Content	ROC Partial Pressure	Intended Use	ROC Limit *
Aerosol Paint Remover	Diversified Brands #7764T21	277 g/l	Unknown	Maintenance cleaning	Exempt
Aerosol Penetrating Oil	Kano Labs	60% by volume	Unknown	Rust Penetrator	Exempt
Aerosol Surface Cleaner	Gunk M715	44% by volume	Unknown	Maintenance cleaning	Exempt
Aerosol Surface Cleaner	I-Chem ICA736	43.52% by volume	Unknown	Maintenance cleaning	Exempt

\* Notes:

- 1) ROC content limit is 900 grams per liter and ROC composite partial pressure limit is 20 mmHg at 20°C for repair and maintenance cleaning.
- 2) ROC limit is 950 grams per liter and ROC composite partial pressure limit is 35 mmHg at 35°C for cleanup including cleaning of application equipment.
- 3) ROC limit is 70 grams per liter for manufacturing or surface preparation.
- 4) The use of up to 160 Fl. Oz. of non-refillable aerosol cleaning products per day per facility is exempt.



Material Name	Material ID	Manufacturer	Date of MSDS	Size (oz)	Quantity Used	ROC Content (g/l)	Usage	Exemption or ROC Limit (g/l)	ROC Content as Applied (lb/gal)	ROC (lb)
Rust Inhibitor	RF129	Krylon	7/21/2009	10.25	0	391	Rust preventative coating	400	3.26	0.00
High temp. aerosol paint (Aluminum)	Z630	Zynolyte / Aerove	3/11/2008	11	24	644	Aerosol coating	Rule 74.2 F.2	5.37	11.08
Galvanizing Compound (aerosol)	7007	Crown / Aerove	11/30/2010	13	0	295	Aerosol coating	Rule 74.2 F.2	2.46	0.00
High temp. aerosol paint (Black)	Z635	Zynolyte / Aerove	3/11/2008	11	12	644	Aerosol coating	Rule 74.2 F.2	5.37	5.54
High temp. aerosol paint (grey)	V2183838	Rustoleum	11/28/2010	15	0	760	Rust preventative coating	Rule 74.2 F.2	6.34	0.00
Syn-Lustro Gunmetal Gray	10-12-1	Dunn-Edwards	4/9/2013	32	10	390	Rust Preventative Alkyd Enamel Coating	250	3.25	8.14
Syn-Lustro Tawny yellow	10-M	Dunn-Edwards	4/9/2013	32	6	390	Rust Preventative Alkyd Enamel Coating	250	3.25	4.88
Syn-Lustro Meadow Irish Green	10-27	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Syn-Lustro Safely Green	10V-11-1	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Syn-Lustro Precaution Blue	10-22	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Syn-Lustro Machinery Green	10-24	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Hi Vis Yellow	40465	Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
EPO Coat H3H	H3H	Dynamis	4/7/2000	128	9	321	Masonry Sealer	400	2.68	24.11
Navajo White	W7051	Dunn-Edwards	4/1/1999	128	0	140	Industrial Maintenance Coating	250	1.17	0.00
Paint Thinner		Sunnyside	4/29/2009	128	4	780	Thinner	N/A	6.51	26.03
								Annual total ROC (lb)	80	
								Rule 23 ROC limit (lb)	200	

