

**Trustees of CSU and
CSUCI Site Authority**

Camarillo, CA

Ventura County
MAY 13 2016
Air Pollution Control District

**Title V part 70
Annual Compliance Certification**

VCAPCD Permit to Operate #1267

Period covered April 1, 2015 to March 31, 2016

May 2016

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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:

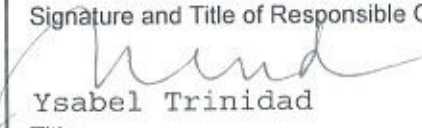
Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

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>Date: 5/11/16</p>
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<p>Time Period Covered by Compliance Certification</p> <p><u>04</u> / <u>01</u> / <u>15</u> (MM/DD/YY) to <u>03</u> / <u>31</u> / <u>16</u> (MM/DD/YY)</p>
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 15 (MM/DD/YY) to 03 / 31 / 16 (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 <u>Not applicable</u></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 <u>Not applicable</u></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 <u>Not applicable</u></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>



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Period Covered by Compliance Certification: 04 / 01 / 15 (MM/DD/YY) to 03 / 31 / 16 (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 > 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></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>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></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 #: <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></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 #: <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 Not applicable</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 Not applicable</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 Not applicable</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>



Ventura County
Air Pollution
Control District

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Ventura County
Air Pollution Control District
JUN 08 2016

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<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 > 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>N</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>



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<p>A. Attachment # or Permit Condition #: PO1267PC1 Condition No. 1</p>	<p>D. Frequency of monitoring: Monthly</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 Not applicable</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: Monthly</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 Not applicable</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 & 8</p>	<p>D. Frequency of monitoring: Monthly</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 Not applicable</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&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>



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<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 2 & 8</p> <p>B. Description: Additional Permit Requirements Condition No. 2 - Steam Boilers - Natural Gas Condition No. 8 - Records</p>	<p>D. Frequency of monitoring: Monthly</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</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&W boilers.</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 #: PO1267PC2 Condition No. 3 & 8</p> <p>B. Description: Additional Permit Requirements Condition No. 3 - Steam Boilers - Fuel Oil Condition No. 8 - Records</p>	<p>D. Frequency of monitoring: Upon use</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</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></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 #: PO1267PC2 Condition No. 4</p> <p>B. Description: Additional Permit Requirements Condition No. 4 - Steam Boilers - Monitor and Record Fuel Consumption</p>	<p>D. Frequency of monitoring: Continuous</p> <p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: Continuous monitoring and recording of fuel consumption B&W boilers.</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 #: PO1267PC2 Condition No. 5</p>	<p>D. Frequency of monitoring: Continuous</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 Not applicable</p>
<p>C. Method of monitoring: Continuous in-stack emissions monitoring and recording of excess oxygen in exhaust stacks of B&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. 6</p>	<p>D. Frequency of monitoring: As Needed</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 Not applicable</p>
<p>C. Method of monitoring: Maintain records documenting the transition period during which the B&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> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 7 & 8</p>	<p>D. Frequency of monitoring: Upon use</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 Not applicable</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>



Ventura County
Air Pollution
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<p>A. Attachment # or Permit Condition #: PO1267PC2 Condition No. 9</p>	<p>D. Frequency of monitoring: Annually</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 Not applicable</p>
<p>C. Method of monitoring: Notified District by letter of planned shutdowns for calendar 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>

<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 Not applicable</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: Annually</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>



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<p>A. Attachment # or Permit Condition #: Rule 54.B.2</p>	<p>D. Frequency of monitoring: Annually</p>
<p>B. Description: Rule 54 Applicable Requirements Sulfur Compounds - Sulfur Dioxide Concentration</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable SO2 - BAAQMD Manual of Procedures, Vol. VI, Section 1, ground Level Monitoring for H2S and SO2.</p>
<p>C. Method of monitoring: 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.</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 55</p>	<p>D. Frequency of monitoring: As needed.</p>
<p>B. Description: Rule 55 Applicable Requirements Fugitive Dust</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9</p>
<p>C. Method of monitoring: No operations, disturbed surface areas, or man made conditions at this stationary source that are subject to Rule 55 this reporting 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 57.1</p>	<p>D. Frequency of monitoring: Continuous.</p>
<p>B. Description: Rule 57 Applicable Requirements Combustion Contaminants - Specific - Fuel Burning Equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Not applicable</p>
<p>C. Method of monitoring: District analysis of Rule 57.1 compliance is based on EPA emission factors.</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 #: Rule 64.B.1</p>	<p>D. Frequency of monitoring: Annually</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 SCAQMD Method 307-94</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: Each delivery.</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 ASTM D4294-98 or D2622-98</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: Periodic</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 See Note 3.</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 / 15 (MM/DD/YY) to 03 / 31 / 16 (MM/DD/YY)

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 15 (MM/DD/YY) to 03 / 31 / 16 (MM/DD/YY)

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 15 (MM/DD/YY) to 03 / 31 / 16 (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.

Engine	Maintenance Operations	Permit Condition
Blackstart Generator	1.5 hours	< 50 hours per year

755 BHP DETROIT DIESEL

PERMIT LIMIT - 20 HRS

Emergency Operations

Date / Time	Duration	Reason
4/8/15 04:30	11.9 Hours	SCE Line Maintenance, 66 KV Line Down.
5/28/15 02:39	3.1 Hours	Utility Trip, 66 KV line down.
10/3/15 08:04	6.2 Hours	SCE Line Maintenance, 66 KV Line Down.
12/26/15 06:00	5.1 hours	SCE Line Maintenance, 66 KV Line Down.
3/7/16 14:15	14.0 Hours	SCE Line Maintenance, 66 KV Line Down.

Emergency Standby Stationary Internal Combustion Engine Data

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

**EMERGENCY DIESEL ENGINE
2014 ANNUAL REPORT FORM**

Reporting Period: January 1 through December 31, 2015

Report Due Date: February 15, 2016

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.

			Permit No: 01267	
Facility Name:	Trustees of CSU & CSUCI Site Auth.	Contact:	Jeff Smith	
Facility Address:	1947 W. Potrero Rd.	Title:	Plant Manager	
Facility 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
Reporting Requirements for Calendar 2015				
	Date of Reading		Meter Reading	
First of 2015:	1/1/15	First of 2015:	326.5	
End of 2015:	12/31/15	End of 2015:	354.4	
Total annual hours for: Maintenance & Testing:			1.6	
Hours of Emergency use:			26.3	
Total Hours of operation:			27.9	
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:			Date:	1/19/16
Print Name:	YSABEL TRINIDAD		Phone #:	805-437-8878
Title:	VICE PRESIDENT		Email:	YSABEL.TRINIDAD@CSUCI.EDU.
Send report to: Ms. Chris Cote Ventura County Air Pollution Control District 669 County Square Drive, Second Floor Ventura, CA 93003			For questions contact:	
			Chris: (805) 645-1442, chrisc@vcapcd.org	
			Eric: (805) 645-1496, eric@vcapcd.org	
			Fax:	(805) 645-1444

**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	1.5 hours	< 20 hours per year

755 BHP DETROIT DIESEL

PERMIT LIMIT = 20 HRS

Emergency Standby Stationary Internal Combustion Engine Fuel Purchases

Date	Volume	Fuel Type
3/9/16	500 Gallons	CARB Ultra Low Sulfur Dyed Diesel

**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.

Engine	Maintenance Operations	Permit Condition
Blackstart Generator	1.5 hours	< 100 hours per year

Limit = 20.0 hrs

Emergency Operations

Date / Time	Duration	Reason
4/8/15 04:30	11.9 Hours	SCE Line Maintenance, 66 KV Line Down.
5/28/15 02:39	3.1 Hours	Utility Trip, 66 KV line down.
10/3/15 08:04	6.2 Hours	SCE Line Maintenance, 66 KV Line Down.
12/26/15 06:00	5.1 hours	SCE Line Maintenance, 66 KV Line Down.
3/7/16 14:15	14.0 Hours	SCE Line Maintenance, 66 KV Line Down.

Stationary Reciprocating Internal Combustion Maintenance Table

Maintenance Item	Perodicity
Oil & Oil Filter	Annually
Air Filter	Annually
Belts / Hoses	Annually



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 15 (MM/DD/YY) to 03 / 31 / 16 (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 / 15 (MM/DD/YY) to 03 / 31 / 16 (MM/DD/YY)

A. Emission Unit Description: GE LM2500-33 Natural Gas Fired Turbine Per Attachment STRMLN1267-LM-2500-NOx,NH3			B. Pollutant: NOx <input checked="" type="checkbox"/>
C. Measured Emission Rate: 8.4 ppmvd @ 15.0% O2 <input checked="" type="checkbox"/>	D. Limited Emission Rate: 9 ppmvd @ 15.0% O2	E. Specific Source Test or Monitoring Record Citation: PTO #1267	F. Test Date: 10/29/15

A. Emission Unit Description: GE LM2500-33 Natural Gas Fired Turbine Per Attachment STRMLN1267-LM-2500-NOx,NH3			B. Pollutant: NH3 <input checked="" type="checkbox"/>
C. Measured Emission Rate: 5.2 ppmvd @ 15.0% O2 <input checked="" type="checkbox"/>	D. Limited Emission Rate: 20 ppmvd @ 15.0% O2	E. Specific Source Test or Monitoring Record Citation: PTO #1267	F. Test Date: 10/29/15

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_xNH₃**

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: 8/12/2015 ✓
 Submitted: 8/12/2015
 Analyzed: 8/13/2015
 Reported: 8/17/2015

Gas Analysis by Chromatography - ASTM D 3588-91

Company: CI Power Lab No.: 150827-1
 Location: Camarillo Purchase Order # :
 Description: Cogen Fuel Gas Sample Type:

Component	Mole %	Weight %	GIMCF	
Oxygen	ND	0.00		
Nitrogen	0.19	0.31		
Carbon Dioxide	1.07	2.74		
Hydrogen	ND	0.00		
Carbon Monoxide	ND	0.00		
Methane	94.64	88.41		
Ethane	2.66	4.66		
Propane	1.31	3.36	0.362	
iso-Butane	0.02	0.07	0.007	
n-Butane	0.04	0.14	0.013	
iso-Pentane	0.02	0.08	0.007	
n-Pentane	0.03	0.13	0.011	
Hexanes Plus	0.02	0.10	0.008	
Totals	100.00	100.00	0.407	
Specific Volume, ft ³ /lb	22.10	Values Corrected		
Compressibility (Z) Factor	0.9978	for Compressibility	CHONS	Weight %
Specific Gravity, Calculated	0.5929	0.5940	Carbon	73.838
			Hydrogen	23.858
GROSS			Oxygen	1.994
BTU/ft ³ Dry	1040.8	1043.1	Nitrogen	0.310
BTU/lb Wet	1022.6	1024.9	Sulfur	0.000
BTU/ft ³ Dry	22998.7	23050.4	F FACTOR @	8631
BTU/lb Wet	22596.2	22647.0	65 deg F, discMMBTU	
NET			F FACTOR @	8501
BTU/ft ³ Dry	938.6	940.7	60 deg F, discMMBTU	
BTU/lb Wet	922.1	924.2		
BTU/ft ³ Dry	20739.6	20786.3		
BTU/lb Wet	20376.7	20422.5		
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 ₂ O/MMCF		Not Tested	Method	Bureau of Mines

ND : None Detected

Tr : Trace

Rule 64.B.1

**CI POWER COGE, RATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
May-14	110.806	162.995	174.274	172.669	171.031	110.855	94.451	94.102	106.244	102.151	17.305	119.091
Fuel Gas (MMCF)	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil (Mgal)	1567.91	2306.38	2466.98	2443.27	2420.09	1568.59	1336.46	1331.55	1503.36	1445.43	244.87	1685.14
ROC	2612.7	3836.32	4096.92	4033.67	3878.87	2563.52	2388.89	2278.8	2512.04	2390.25	303.21	2743.71
NOx	675.92	994.27	1063.07	1063.28	1043.29	676.21	576.15	574.02	648.09	623.12	105.56	726.46
PM	66.48	97.80	104.56	103.80	102.62	66.51	56.67	56.46	63.75	61.29	10.38	71.45
SOx	5653.88	8611.03	9206.89	9122.11	9035.56	5656.46	4989.83	4971.42	5612.88	5396.63	914.23	6291.58
CO	179.091	233.652	244.200	251.065	242.308	174.981	167.202	145.047	167.371	160.258	26.253	188.700

EMISSION SUBTOTALS		EMISSION FACTORS	
1435.97	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
10.16	TONS	14.15	1.84
20319.04	LBS	16.79	TONS
33576.90	LBS	CEM1	CEM1
8759.44	LBS	6.10	3.10
861.58	LBS	0.43	TONS
75662.53	LBS	37.93	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
May-14	2.517	0.239	0.120	0.147	0.000	3.005	3.141	3.397	2.935	2.669	4.744	2.163
Fuel Gas (MMCF)	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Oil (Mgal)	33.85	3.22	1.62	1.98	0.00	40.41	42.24	45.69	39.47	35.89	63.80	29.09
ROC	128.20	12.18	6.13	7.49	0.00	153.05	159.99	173.03	149.49	135.95	241.64	110.18
NOx	19.13	1.82	0.91	1.12	0.00	22.83	23.87	25.81	22.30	20.26	36.05	16.44
PM	1.51	0.14	0.07	0.09	0.00	1.80	1.88	2.04	1.76	1.60	2.85	1.30
SOx	780.16	74.12	37.30	45.57	0.00	931.40	973.64	1052.96	909.71	827.31	1470.53	670.50
CO												

EMISSION SUBTOTALS		EMISSION FACTORS	
25.07	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
337.26	LBS	0.17	TONS
1277.31	LBS	0.64	TONS
190.57	LBS	50.94	20.74
15.04	LBS	7.60	2.00
7773.20	LBS	0.01	TONS
		0.80	24.41
		3.89	TONS
		310.00	43.92

EMISSION TOTALS

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

20656.30	LBS	10.33	TONS
34856.21	LBS	17.43	TONS
8950.01	LBS	4.48	TONS
876.63	LBS	0.44	TONS
83635.73	LBS	41.82	TONS

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
May-14	0.10	0.20	0.00	0.20	0.00	0.20	0.10	6.40	0.00	0.20	0.00	0.30
Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90
Emergency												

TOTAL HOURS
7.70 HOURS
11.90 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

**CI POWER COGENERATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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)	174,274	172,669	171,031	110,855	94,451	94,102	106,244	102,151	17,305	119,091	104,893	167,148
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2465.98	2443.27	2420.09	1568.59	1336.48	1331.55	1503.36	1445.43	244.87	1685.14	1484.23	2365.15
NOx	4095.92	4033.67	3878.87	2563.52	2388.89	2218.8	2512.04	2390.26	303.21	2743.71	2657.3	4143.43
PM	1053.07	1053.28	1043.29	678.21	576.15	574.02	648.09	623.12	105.56	726.46	639.85	1019.60
SOx	104.56	103.60	102.62	66.51	56.67	56.46	63.75	61.29	10.38	71.45	62.94	100.29
CO	9206.89	9122.11	9035.58	5856.46	4889.83	4971.42	5612.88	5396.63	914.23	6291.58	5541.49	8830.43
NH3 Usage (KSCF)	244,200	251,065	242,308	174,981	187,202	145,047	167,371	160,258	26,253	186,700	158,048	220,907

EMISSION SUBTOTALS		EMISSION FACTORS	
1434.21	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
20294.13	LBS	10.15	TONS
38930.81	LBS	16.97	TONS
8748.71	LBS	4.37	TONS
860.53	LBS	0.43	TONS
75769.54	LBS	37.88	TONS

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)	0.120	0.147	0.000	3.005	3.141	3.397	2.935	2.669	4.744	2.163	2.768	0.182
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1.62	1.98	0.00	40.41	42.24	45.69	39.47	35.89	63.80	29.09	37.23	2.45
NOx	6.13	7.49	0.00	153.05	159.99	173.03	149.49	135.95	241.64	110.18	141.00	9.28
PM	0.91	1.12	0.00	22.63	23.67	25.81	22.30	20.28	36.05	16.44	21.04	1.38
SOx	0.07	0.09	0.00	1.80	1.88	2.04	1.76	1.60	2.85	1.30	1.66	0.11
CO	37.30	45.57	0.00	931.40	973.64	1052.96	909.71	827.31	1470.53	670.50	858.09	56.37

EMISSION SUBTOTALS		EMISSION FACTORS	
25.27	MMCF	GAS	FUEL OIL
0.00	MMCF	LBS/MMCF	LBS/MGAL
339.87	LBS	0.17	TONS
1287.20	LBS	0.64	TONS
192.04	LBS	0.10	TONS
15.16	LBS	0.01	TONS
7833.38	LBS	3.92	TONS

EMISSION TOTALS

PERMITTED CONDITIONS (PER YEAR)	ROC	NOx	PM	SOx	CO
	14.98 TONS	33.36 TONS	8.73 TONS	25.01 TONS	57.59 TONS
	10.32 TONS	17.61 TONS	4.47 TONS	0.44 TONS	41.80 TONS

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	0.20	0.00	0.20	0.10	6.40	0.00	0.20	0.00	0.30	0.00	0.10
Emergency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90	3.10	0.00

TOTAL HOURS
7.50 HOURS
15.00 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

CI POWER COGENERATION PLANT ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS

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)	172.669	171.031	110.855	94.451	94.102	106.244	102.151	17.305	119.091	104.893	167.148	163.532
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2443.27	2420.09	1568.59	1336.48	1331.55	1503.38	1445.43	244.87	1665.14	1484.23	2265.15	2313.98
NOx	4033.67	3878.87	2563.52	2388.89	2218.8	2512.04	2390.25	303.21	2743.71	2657.3	4143.43	4014.15
PM	1053.28	1043.29	676.21	576.15	574.02	648.09	623.12	105.86	726.46	639.85	1019.60	997.55
SOx	103.60	102.62	66.51	56.67	56.46	63.75	61.29	10.38	71.45	62.94	100.29	98.12
CO	9122.11	9035.68	5856.46	4989.83	4971.42	5612.88	5396.63	914.23	6291.58	5541.49	8630.43	8636.41
NH3 Usage (KSCF)	251.065	242.308	174.981	167.202	145.047	167.371	160.258	26.253	166.700	158.048	220.907	197.039

GE LM-2500-33 GAS TURBINE		
EMISSION SUBTOTALS		EMISSION FACTORS
GAS	FUEL OIL	LBS/MMCF
1423.47	MMCF	
0.00	MMCF	
20142.14	LBS	10.07 TONS
33847.84	LBS	16.92 TONS
6683.18	LBS	4.34 TONS
854.08	LBS	0.43 TONS
75202.06	LBS	37.60 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)	0.147	0.000	3.005	3.141	3.397	2.935	2.669	4.744	2.163	2.768	0.182	0.546
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1.98	0.00	40.41	42.24	45.69	39.47	35.89	63.80	29.09	37.23	2.45	7.34
NOx	7.49	0.00	153.05	159.99	173.03	149.49	135.95	241.64	110.18	141.00	9.26	27.91
PM	1.12	0.00	22.83	23.87	25.81	22.30	20.28	36.05	16.44	21.04	1.38	4.15
SOx	0.09	0.00	1.80	1.88	2.04	1.76	1.60	2.85	1.30	1.66	0.11	0.33
CO	45.57	0.00	931.40	973.64	1052.96	909.71	827.31	1470.53	670.50	858.09	56.37	169.26

BABCOCK & WILCOX BOILERS		
EMISSION SUBTOTALS		EMISSION FACTORS
GAS	FUEL OIL	LBS/MMCF
25.69	MMCF	
0.00	MMCF	
345.59	LBS	0.17 TONS
1308.89	LBS	0.66 TONS
195.28	LBS	0.10 TONS
15.42	LBS	0.01 TONS
7965.34	LBS	3.98 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

EMISSION TOTALS
ROC
NOx
PM
SOx
CO

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.20	0.00	0.20	0.10	6.40	0.00	0.20	0.00	0.30	0.00	0.10	0.00
Emergency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90	3.10	0.00	0.00

TOTAL HOURS
7.50 HOURS
15.00 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

**CI POWER COGENERATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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)	171.031	110.855	94.451	94.102	106.244	102.151	17.305	119.091	104.893	167.148	163.532	164.588
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	2420.09	1568.59	1336.48	1331.55	1503.36	1445.43	244.87	1885.14	1484.23	2365.15	2313.98	2328.91
NOx	3878.87	2563.52	2388.89	2218.8	2512.04	2390.25	303.21	2743.71	2867.3	4143.43	4014.15	3904.46
PM	1043.29	676.21	576.15	574.02	648.09	623.12	105.56	728.46	639.85	1019.60	997.55	1003.98
SOx	102.62	66.51	56.67	56.46	63.75	61.29	10.38	71.45	62.94	100.28	98.12	98.75
CO	9035.58	5856.46	4989.83	4971.42	5612.86	5396.63	914.23	6291.58	5541.49	8830.43	8639.41	8695.16
NH3 Usage (KSCF)	242.308	174.981	167.202	145.047	167.371	160.258	26.253	186.700	158.048	220.907	197.039	194.648

GE LM-2500-33 GAS TURBINE		EMISSION FACTORS	
EMISSION SUBTOTALS		GAS	FUEL OIL
1415.39	MMCF	14.15	1.84
0.00	MMCF		
20027.78	LBS	16.86	TONS
33718.63	LBS	6.10	CEM
8633.88	LBS	0.60	CEM
849.23	LBS	0.42	TONS
74775.10	LBS	37.39	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)	0.000	3.005	3.141	3.397	2.935	2.669	4.744	2.163	2.768	0.182	0.546	0.870
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	0.00	40.41	42.24	45.69	39.47	35.89	63.80	29.09	37.23	2.45	7.34	11.71
NOx	0.00	153.05	159.99	173.03	149.49	135.95	241.64	110.18	141.00	9.26	27.81	44.34
PM	0.00	22.83	23.87	25.81	22.30	20.28	36.05	16.44	21.04	1.38	4.15	6.61
SOx	0.00	1.80	1.88	2.04	1.76	1.60	2.85	1.30	1.66	0.11	0.33	0.52
CO	0.00	931.40	973.64	1052.98	909.71	827.31	1470.53	670.50	858.09	56.37	169.26	269.81

BABCOCK & WILCOX BOILERS		EMISSION FACTORS	
EMISSION SUBTOTALS		GAS	FUEL OIL
26.42	MMCF	13.45	1.60
0.00	MMCF		
355.32	LBS	50.94	20.74
1345.73	LBS	7.60	2.00
200.76	LBS	0.10	TONS
15.85	LBS	0.60	24.41
8189.58	LBS	4.09	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 20383.10 LBS
NOx 35064.36 LBS
PM 8834.66 LBS
SOx 865.09 LBS
CO 82984.69 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	0.20	0.10	6.40	0.00	0.20	0.00	0.30	0.00	0.10	0.00	0.00
Emergency	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.90	3.10	0.00	0.00	0.00

TOTAL HOURS
7.30 HOURS
15.00 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

CI POWER COGENERATION PLANT ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS

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)	110,855	94,451	94,102	106,244	102,151	17,305	119,091	104,893	167,148	163,532	164,588	138,201
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1568,59	1336,48	1331,55	1503,36	1445,43	244,87	1685,14	1484,23	2365,15	2313,96	2328,91	1955,54
NOx	2563,52	2388,89	2218,8	2512,04	2390,25	303,21	2743,71	2657,3	4143,43	4014,15	3904,46	3146,87
PM	676,21	578,15	574,02	648,09	623,12	105,56	726,48	639,85	1019,60	997,55	1003,96	843,02
SOx	66,51	58,67	56,46	63,75	61,29	10,38	71,45	62,94	100,29	98,12	98,75	82,92
CO	5856,46	4989,83	4971,42	5612,88	5396,63	914,23	6291,58	5541,49	8630,43	8639,41	8695,16	7301,15
NH3 Usage (Kscf)	174,981	167,202	145,047	167,371	160,258	26,253	196,700	158,048	220,907	197,039	194,648	175,696

GE LM-2500-33 GAS TURBINE		
EMISSION SUBTOTALS		EMISSION FACTORS
1382,56	MMCF	GAS
0,00	MMCF	FUEL OIL
19563,23	LBS	14,15
32986,63	LBS	16,49
8433,62	LBS	4,22
829,54	LBS	0,60
73040,67	LBS	36,52

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)	3,005	3,141	3,397	2,935	2,669	4,744	2,163	2,768	0,182	0,546	0,870	0,997
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	40,41	42,24	45,69	39,47	35,89	63,80	29,09	37,23	2,45	7,34	11,71	13,41
NOx	153,05	159,99	173,03	149,49	135,95	241,64	110,18	141,00	9,28	27,81	44,34	50,79
PM	22,83	23,87	25,81	22,30	20,28	36,05	16,44	21,04	1,38	4,15	6,61	7,58
SOx	1,80	1,88	2,04	1,76	1,60	2,85	1,30	1,66	0,11	0,33	0,52	0,60
CO	931,40	973,64	1052,96	909,71	827,31	1470,53	670,50	858,09	56,37	169,26	269,81	309,11

BABCOCK & WILCOX BOILERS		
EMISSION SUBTOTALS		EMISSION FACTORS
27,42	MMCF	GAS
0,00	MMCF	FUEL OIL
368,73	LBS	13,45
1395,53	LBS	50,94
208,36	LBS	7,60
16,45	LBS	0,60
8496,70	LBS	310,00

PERMITTED CONDITIONS (PER YEAR)	EMISSION TOTALS
ROC	19931,96 LBS 9,97 TONS
NOx	34383,16 LBS 17,19 TONS
PM	9641,97 LBS 4,32 TONS
SOx	845,99 LBS 0,42 TONS
CO	81539,36 LBS 40,77 TONS

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PPC2

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0,20	0,10	6,40	0,00	0,20	0,00	0,30	0,00	0,10	0,00	0,00	0,30
Emergency	0,00	0,00	0,00	0,00	0,00	0,00	11,90	3,10	0,00	0,00	0,00	0,00

TOTAL HOURS
7,60 HOURS
15,00 HOURS

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

PERMITTED LIMITS
20,00 HOURS
N/A HOURS

CI POWER COGENERATION PLANT ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS

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)	94.451	94.102	106.244	102.151	17.305	119.091	104.893	167.148	163.532	164.588	138.201	103.691
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1336.48	1331.55	1503.36	1445.43	244.87	1665.14	1494.23	2385.15	2313.98	2328.91	1955.54	1467.09
NOx	2388.89	2218.8	2512.04	2390.25	303.21	2743.71	2657.3	4143.43	4014.15	3904.46	3146.87	2470.57
PM	576.15	574.02	648.09	623.12	105.66	726.46	639.85	1019.60	997.55	1003.98	843.02	632.46
SOx	56.67	56.46	63.75	61.29	10.39	71.45	62.94	100.29	98.12	98.75	82.92	62.21
CO	4989.83	4971.42	5612.68	5396.63	914.23	6291.58	5541.49	8830.43	8639.41	8595.16	7301.15	5477.48
NHS Usage (kscf)	167.202	145.047	167.371	160.256	26.253	186.700	158.048	220.907	197.039	194.648	175.686	133.236

GE LM-2500-33 GAS TURBINE		EMISSION FACTORS	
EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
1375.39	MMCF	14.15	1.84
0.00	MMCF	LBS/MMCF	LBS/MGAL
19461.73	LBS	9.73 TONS	16.45 TONS
32893.68	LBS	4.19 TONS	6.10
8369.86	LBS	0.41 TONS	24.41
826.23	LBS	36.33 TONS	52.63
72661.69	LBS		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)	3.141	3.397	2.935	2.669	4.744	2.163	2.768	0.182	0.546	0.870	0.997	2.400
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	42.24	45.69	39.47	35.89	63.60	29.09	37.23	2.45	7.34	11.71	13.41	32.28
NOx	159.99	173.03	149.49	135.95	241.64	110.18	141.00	9.26	27.81	44.34	50.79	122.25
PM	23.87	25.81	22.30	20.28	36.05	16.44	21.04	1.38	4.15	6.61	7.58	18.24
SOx	1.88	2.04	1.76	1.60	2.85	1.30	1.66	0.11	0.33	0.52	0.60	1.44
CO	973.64	1052.96	909.71	827.31	1470.53	670.50	858.09	56.37	169.26	269.81	309.11	743.97

BABCOCK & WILCOX BOILERS		EMISSION FACTORS	
EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
26.81	MMCF	13.45	1.80
0.00	MMCF	LBS/MMCF	LBS/MGAL
360.60	LBS	0.18 TONS	50.94
1365.73	LBS	0.68 TONS	7.60
203.76	LBS	0.10 TONS	2.00
16.09	LBS	0.01 TONS	0.60
8311.27	LBS	4.16 TONS	310.00

PERMITTED CONDITIONS (PER YEAR)
ROC
NOx
PM
SOx
CO

PERMITTED LIMITS	EMISSION TOTALS
ROC	19822.33 LBS
NOx	34259.41 LBS
PM	8593.62 LBS
SOx	841.32 LBS
CO	80972.96 LBS

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PO1267PCC

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	6.40	0.00	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00
Emergency	0.00	0.00	0.00	0.00	0.00	11.90	3.10	0.00	0.00	0.00	0.00	6.20

TOTAL HOURS
7.60 HOURS
21.20 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

**CI POWER COGENERATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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)	94.1022	106.244	102.151	17.305	119.091	104.893	167.148	163.532	164.595	138.201	103.661	93.045
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1331.55	1503.36	1445.43	244.87	1685.14	1484.23	2365.15	2313.98	2328.91	1955.54	1467.09	1318.59
NOx	2218.8	2512.04	2390.25	303.21	2743.71	2657.3	4143.43	4014.15	3904.46	3146.87	2470.57	2529.03
PM	574.02	648.09	623.12	105.56	726.46	639.85	1019.60	997.55	1003.98	843.02	632.46	567.58
SOx	56.46	63.75	61.29	10.38	71.45	62.94	100.29	98.12	98.75	82.92	62.21	55.83
CO	4971.42	5612.88	5396.63	914.23	6291.58	5541.49	8830.43	8639.41	8695.16	7301.15	5477.48	4915.58
NHS Usage (KSCF)	145.047	167.371	160.258	26.253	186.700	158.048	220.907	197.039	194.548	175.686	133.256	142.996

EMISSION SUBTOTALS			EMISSION FACTORS		
			GAS	FUEL OIL	
1373.98	MMCF		LBS/MMCF	LBS/MGAL	
0.00	MMCF				
19441.84	LBS	9.72 TONS	14.15	1.84	
33032.82	LBS	16.52 TONS	CEM	CEM	
8361.29	LBS	4.19 TONS	6.10	3.10	
824.39	LBS	0.41 TONS	0.60	24.41	
72567.45	LBS	36.29 TONS	52.63	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)	3.397	2.935	2.669	4.744	2.163	2.768	0.182	0.546	0.870	0.997	2.400	3.235
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	45.89	39.47	35.89	63.80	29.09	37.23	2.45	7.34	11.71	13.41	32.28	43.51
NOx	173.03	149.49	135.95	241.64	110.18	141.00	9.26	27.81	44.34	50.79	122.25	164.79
PM	25.81	22.30	20.28	36.05	16.44	21.04	1.38	4.15	6.61	7.58	18.24	24.59
SOx	2.04	1.76	1.60	2.85	1.30	1.66	0.11	0.33	0.52	0.60	1.44	1.94
CO	1052.96	809.71	827.31	1470.53	670.50	858.09	56.37	169.26	269.81	309.11	743.97	1002.87

EMISSION SUBTOTALS			EMISSION FACTORS		
			GAS	FUEL OIL	
28.90	MMCF		LBS/MMCF	LBS/MGAL	
0.00	MMCF				
361.87	LBS	0.18 TONS	13.45	1.60	
1370.53	LBS	0.69 TONS	50.94	20.74	
204.48	LBS	0.10 TONS	7.60	2.00	
16.14	LBS	0.01 TONS	0.60	24.41	
8340.50	LBS	4.17 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	33.39 TONS	8.73 TONS	25.01 TONS	57.59 TONS

EMISSION TOTALS					
ROC	NOx	PM	SOx	CO	
19803.71	LBS	9.90 TONS			
34403.35	LBS	17.20 TONS			
8585.76	LBS	4.29 TONS			
840.53	LBS	0.42 TONS			
80927.95	LBS	40.46 TONS			

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	6.40	0.00	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.20
Emergency	0.00	0.00	0.00	0.00	11.90	3.10	0.00	0.00	0.00	0.00	6.20	0.00

TOTAL HOURS	
Maintenance	7.70 HOURS
Emergency	21.20 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

**CI POWER COGENERATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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)	106.244	102.151	17.305	119.091	104.893	167.148	163.532	164.588	138.201	103.681	93.045	117.183
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1503.36	1445.43	244.87	1685.14	1484.23	2365.15	2313.98	2328.91	1955.54	1467.09	1316.59	1658.13
NOx	2512.04	2390.25	303.21	2743.71	2657.3	4143.43	4014.15	3904.46	3148.87	2470.57	2528.03	2739.12
PM	648.09	623.12	105.66	726.46	639.85	1019.60	997.55	1003.98	843.02	632.46	567.59	714.81
SOx	63.75	61.29	10.38	71.45	62.94	100.29	98.12	98.75	82.92	62.21	55.83	70.31
CO	5612.98	5396.63	914.23	6291.58	5541.49	8830.43	8639.41	8695.16	7301.15	5477.48	4915.58	6190.76
NHS Usage (KSCF)	167.371	160.258	26.283	186.700	158.048	220.907	197.039	194.648	175.686	133.236	142.986	174.873

GE LM-2500-33 GAS TURBINE		
EMISSION SUBTOTALS		EMISSION FACTORS
1397.06	MMCF	GAS
0.00	MMCF	FUEL OIL
19768.43	LBS	14.15
33553.14	LBS	16.78 TONS
8522.08	LBS	4.26 TONS
839.24	LBS	0.42 TONS
73806.79	LBS	36.90 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)	2.935	2.669	4.744	2.163	2.768	0.182	0.546	0.870	0.997	2.400	3.235	3.126
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	39.47	35.88	63.80	29.09	37.23	2.45	7.34	11.71	13.41	32.28	43.51	42.05
NOx	149.49	135.95	241.64	110.18	141.00	9.26	27.81	44.34	50.79	122.25	164.79	155.25
PM	22.30	20.28	36.05	16.44	21.04	1.38	4.15	6.61	7.58	18.24	24.59	23.76
SOx	1.76	1.60	2.85	1.30	1.66	0.11	0.33	0.52	0.60	1.44	1.94	1.88
CO	909.71	827.31	1470.53	670.50	858.09	56.37	169.26	269.81	309.11	743.97	1002.67	969.10

BABCOCK & WILCOX BOILERS		
EMISSION SUBTOTALS		EMISSION FACTORS
26.63	MMCF	GAS
0.00	MMCF	FUEL OIL
359.23	LBS	13.45
1356.75	LBS	0.68 TONS
202.42	LBS	0.10 TONS
15.98	LBS	0.01 TONS
8256.64	LBS	4.13 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 20126.86 LBS
NOx 34909.88 LBS
PM 8724.50 LBS
SOx 854.22 LBS
CO 82063.43 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	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.20	0.30
Emergency	0.00	0.00	0.00	11.90	3.10	0.00	0.00	0.00	0.00	6.20	0.00	5.10

TOTAL HOURS
1.60 HOURS
26.30 HOURS

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

PERMITTED LIMITS
20.00 HOURS
N/A HOURS

CI POWER COGENERATION PLANT ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS

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)	102.151	17.305	119.091	104.893	167.148	163.532	164.588	138.201	103.681	93.045	117.183	105.378
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1445.43	244.87	1695.14	1484.23	2365.15	2313.98	2328.91	1955.54	1467.09	1316.59	1658.13	1491.10
NOx	2390.25	303.21	2743.71	2857.3	4143.43	4014.15	3904.46	3146.87	2470.57	2528.03	2739.12	2719.89
PM	623.12	105.56	726.46	639.85	1019.60	997.55	1003.98	643.02	632.46	567.58	714.81	642.81
SOx	61.29	10.39	71.45	62.94	100.29	98.12	98.75	82.92	62.21	55.83	70.31	63.23
CO	5396.63	914.23	6291.58	5541.49	8830.43	8639.41	8695.16	7301.15	5477.48	4915.58	6190.76	5567.13
NHS Usage (KSCF)	160.258	26.253	186.700	158.046	220.907	197.039	194.848	175.666	133.236	142.996	174.873	148.969

EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
		LBS/MMCF	LBS/MGAL
1396.20	MMCF	9.88	TONS
0.00	MMCF	14.15	TONS
19756.17	LBS	16.88	TONS
33760.99	LBS	4.26	TONS
8516.80	LBS	0.42	TONS
837.72	LBS	0.60	TONS
73761.04	LBS	36.88	TONS
		52.83	TONS

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)	2.669	4.744	2.153	2.768	0.182	0.546	0.870	0.997	2.400	3.235	3.126	3.490
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	35.89	63.80	29.09	37.23	2.45	7.34	11.71	13.41	32.28	43.51	42.05	46.94
NOx	135.95	241.64	110.18	141.00	9.26	27.81	44.34	50.79	122.25	164.79	159.25	177.17
PM	20.28	36.05	16.44	21.04	1.38	4.15	6.61	7.58	18.24	24.59	23.76	26.52
SOx	1.60	2.85	1.30	1.66	0.11	0.33	0.52	0.60	1.44	1.94	1.88	2.09
CO	827.31	1470.53	670.50	858.09	58.37	169.28	259.81	309.11	743.97	1002.87	999.10	1081.85

BABCOCK & WILCOX BOILERS		EMISSION FACTORS	
		GAS	FUEL OIL
		LBS/MMCF	LBS/MGAL
27.19	MMCF	13.45	TONS
0.00	MMCF	19.45	TONS
365.70	LBS	0.18	TONS
1385.04	LBS	0.69	TONS
206.64	LBS	0.10	TONS
16.31	LBS	7.80	TONS
8428.77	LBS	0.01	TONS
		4.21	TONS
		310.00	TONS

PERMITTED CONDITIONS (PER YEAR)
ROC
NOx
PM
SOx
CO

14.88 TONS
33.38 TONS
8.73 TONS
25.01 TONS
57.59 TONS

EMISSION TOTALS	
20121.87	LBS
35146.03	LBS
8723.44	LBS
854.03	LBS
82189.81	LBS
10.06	TONS
17.57	TONS
4.36	TONS
0.43	TONS
41.09	TONS

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment PC1267PC2.

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.20	0.00	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.20	0.30	0.00
Emergency	0.00	0.00	11.80	3.10	0.00	0.00	0.00	0.00	6.20	0.00	5.10	0.00

TOTAL HOURS	
1.60	HOURS
26.30	HOURS

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

PERMITTED LIMITS
20.00 HOURS
N/A HOURS

**CI POWER COGENERATION PLANT
ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS**

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)	17.305	119.091	104.893	167.148	163.532	164.588	138.201	103.691	93.045	117.183	105.378	103.785
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	244.87	1685.14	1484.23	2365.15	2313.98	2328.91	1955.54	1467.09	1316.59	1658.13	1491.10	1468.55
NOx	303.21	2743.71	2657.3	4143.43	4014.15	3904.46	3146.87	2470.57	2528.03	2729.12	2719.89	2643.21
PM	105.56	726.46	639.85	1019.60	997.55	1003.98	843.02	632.48	567.58	714.81	642.81	633.09
SOx	10.38	71.45	62.94	100.29	98.12	98.75	82.92	62.21	55.83	70.31	63.23	62.27
CO	914.23	6291.58	5541.49	8830.43	8639.41	8695.16	7301.15	5477.48	4915.58	6190.76	5567.13	5482.95
NH3 Usage (KSCF)	26.253	186.700	158.048	220.907	197.039	194.648	175.686	133.236	142.956	174.873	148.968	145.804

EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
		LBS/MMCF	LBS/MGAL
1397.83	MMCF	14.15	1.84
0.00	MMCF		
18779.29	LBS	9.89	TONS
34013.95	LBS	17.01	TONS
8526.76	LBS	4.26	TONS
838.70	LBS	0.60	TONS
73847.36	LBS	36.92	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)	4.744	2.163	2.768	0.182	0.546	0.870	0.997	2.400	3.235	3.126	3.490	2.787
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	63.80	29.09	37.23	2.45	7.34	11.71	13.41	32.28	43.51	42.05	46.94	37.22
NOx	241.64	110.18	141.00	9.26	27.81	44.34	50.79	122.25	164.79	159.25	177.77	140.96
PM	36.05	16.44	21.04	1.38	4.15	6.81	7.58	18.24	24.59	23.76	26.52	21.03
SOx	2.85	1.30	1.66	0.11	0.33	0.52	0.60	1.44	1.94	1.88	2.09	1.66
CO	1470.53	670.50	858.09	56.37	169.26	269.81	309.11	743.97	1002.87	969.10	1081.85	857.84

EMISSION SUBTOTALS		EMISSION FACTORS	
		GAS	FUEL OIL
		LBS/MMCF	LBS/MGAL
27.29	MMCF	13.45	1.80
0.00	MMCF		
367.02	LBS	0.18	TONS
1390.05	LBS	0.70	TONS
207.39	LBS	7.60	TONS
16.37	LBS	0.10	TONS
8459.30	LBS	4.23	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

EMISSION TOTALS		ROC	NOx	PM	SOx	CO
		20146.32 LBS	10.07 TONS	35404.00 LBS	17.70 TONS	8734.15 LBS
		4.37 TONS	4.37 TONS	855.07 LBS	0.43 TONS	82306.66 LBS
						41.15 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	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.20	0.00	0.00	0.10
Emergency	0.00	11.90	3.10	0.00	0.00	0.00	0.00	6.20	0.00	5.10	0.00	0.00

TOTAL HOURS	
Maintenance	1.50 HOURS
Emergency	26.30 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

CI POWER COGENERATION PLANT ROLLING TWELVE-MONTH EMISSIONS CALCULATIONS

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)	119,091	104,893	167,148	163,532	164,588	138,201	103,681	93,045	117,183	105,378	103,785	119,501
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	1885.14	1484.23	2365.15	2313.98	2328.91	1856.54	1467.09	1316.59	1658.13	1491.10	1468.55	1690.94
NOx	2743.71	2657.3	4143.43	4014.15	3904.46	3146.87	2470.57	2528.03	2739.12	2719.89	2643.21	3042.82
PM	726.46	639.85	1019.60	987.55	1003.98	843.02	632.46	587.58	714.81	642.81	633.09	728.96
SOx	71.45	62.94	100.29	98.12	98.75	82.92	62.21	55.53	70.31	63.23	62.27	71.70
CO	6291.59	5541.49	8630.43	8639.41	8695.16	7301.15	5477.48	4915.58	6190.76	5567.13	5482.95	6313.24
NH3 Usage (KSCF)	188,700	158,048	220,907	197,039	194,648	175,886	133,236	142,996	174,873	148,968	145,804	158,931

GE LM-2500-33 GAS TURBINE		EMISSION FACTORS	
EMISSION SUBTOTALS		GAS	FUEL OIL
1500.03	MMCF	14.15	1.84
0.00	MMCF	LBS/MMCF	LBS/MGAL
21225.37	LBS	10.61	TONS
36753.56	LBS	18.38	TONS
9150.16	LBS	4.55	TONS
900.02	LBS	0.45	TONS
79246.36	LBS	39.62	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)	2,163	2,768	0,182	0,546	0,870	0,997	2,400	3,235	3,126	3,490	2,767	2,435
Fuel Oil (Mgal)	0	0	0	0	0	0	0	0	0	0	0	0
ROC	29,09	37,23	2,45	7,34	11,71	13,41	32,28	43,51	42,05	46,94	37,22	32,75
NOx	110,18	141,00	9,26	27,81	44,34	50,79	122,25	164,79	159,25	177,77	140,96	124,03
PM	16,44	21,04	1,38	4,15	6,61	7,58	18,24	24,59	23,76	26,52	21,03	18,50
SOx	1,30	1,66	0,11	0,33	0,52	0,60	1,44	1,94	1,88	2,09	1,66	1,46
CO	670,50	858,09	56,37	169,28	269,81	309,11	743,97	1002,87	989,10	1081,85	857,84	754,78

BABCOCK & WILCOX BOILERS		EMISSION FACTORS	
EMISSION SUBTOTALS		GAS	FUEL OIL
24.98	MMCF	13.45	1.60
0.00	MMCF	LBS/MMCF	LBS/MGAL
335.97	LBS	0.64	TONS
1272.44	LBS	50.94	20.74
189.84	LBS	7.60	2.00
14.99	LBS	0.01	TONS
7743.56	LBS	3.87	TONS
		310.00	43.92

PERMITTED CONDITIONS (PER YEAR)
ROC
NOx
PM
SOx
CO

14.88	TONS
33.36	TONS
8.73	TONS
25.01	TONS
57.59	TONS

EMISSION TOTALS	
21561.34	LBS
38026.00	LBS
9340.00	LBS
915.00	LBS
86989.92	LBS
10.73	TONS
19.01	TONS
4.67	TONS
0.46	TONS
43.49	TONS

REFERENCE: Annual Emission Limits and Emission Factors from Title V Permit Attachment POT1267PPC2

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

Month	1	2	3	4	5	6	7	8	9	10	11	12
Maintenance	0.30	0.00	0.30	0.00	0.00	0.30	0.00	0.20	0.30	0.00	0.10	0.00
Emergency	11.90	3.10	0.00	0.00	0.00	0.00	6.20	0.00	5.10	0.00	0.00	14.00

TOTAL HOURS
1.50 HOURS
40.30 HOURS

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

PERMITTED LIMITS	HOURS
Maintenance	20.00 HOURS
Emergency	N/A HOURS

Attachment PO1267PC1
Usage Log for Solvent Cleaning

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	24	3.67	9.63	
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]							14.33	
Rule 23 ROC limit [lb]							200	

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Channel Islands
CALIFORNIA STATE UNIVERSITY

SITE AUTHORITY
CI POWER
45 Rincon Drive Suite 104-A
805-437-2667
805-437-2681 fax

November 10, 2015

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

Re: Projected Shutdown Schedule for CY 2016

Mr. Cho,

In compliance with Title V Attachment PO1267PC2 Section 9, the proposed shutdown schedule for CY 2016 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 cursive script, appearing to read 'Ysabel Trinidad'.

Ysabel Trinidad
Vice President

Attachments:

Attachment 1 – CI Power Cogeneration Plant Projected Shutdown Schedule for CY 2016

**CI Power Cogeneration Plant
Projected Shutdown Schedule for CY 2016**

Start Date	Start Time	End Date	End Time	Hours
1/1/2016	21:00	1/4/2016	8:00	59
1/8/2016	21:00	1/11/2016	8:00	59
1/15/2016	21:00	1/18/2016	8:00	59
1/22/2016	21:00	1/25/2016	8:00	59
1/29/2016	21:00	2/1/2016	8:00	59
2/5/2016	21:00	2/8/2016	8:00	59
2/12/2016	21:00	2/16/2016	8:00	83
2/19/2016	21:00	2/22/2016	8:00	59
2/26/2016	21:00	2/29/2016	8:00	59
3/4/2016	21:00	3/7/2016	8:00	59
3/11/2016	21:00	3/14/2016	8:00	59
3/18/2016	21:00	3/21/2016	8:00	59
3/25/2016	21:00	3/28/2016	8:00	59
4/1/2016	21:00	4/4/2016	8:00	59
4/8/2016	21:00	4/11/2016	8:00	59
4/15/2016	21:00	4/18/2016	8:00	59
4/22/2016	21:00	4/25/2016	8:00	59
4/29/2016	21:00	5/2/2016	8:00	59
5/6/2016	21:00	5/9/2016	8:00	59
5/13/2016	21:00	5/16/2016	8:00	59
5/20/2016	21:00	5/23/2016	8:00	59
5/27/2016	21:00	5/31/2016	8:00	83
6/24/2016	23:00	6/27/2016	8:00	57
7/29/2016	23:00	8/1/2016	8:00	57
9/2/2016	23:00	9/6/2016	8:00	81
9/30/2016	23:00	10/3/2016	8:00	57
10/7/2016	21:00	10/10/2016	8:00	59
10/14/2016	21:00	10/17/2016	8:00	59
10/21/2016	21:00	10/24/2016	8:00	59
10/28/2016	21:00	10/31/2016	8:00	59
11/4/2016	21:00	11/7/2016	8:00	59
11/11/2016	21:00	11/14/2016	8:00	59
11/18/2016	21:00	11/21/2016	8:00	59
11/23/2016	21:00	11/28/2016	8:00	107
12/2/2016	21:00	12/5/2016	8:00	59
12/9/2016	21:00	12/12/2016	8:00	59
12/16/2016	21:00	12/19/2016	8:00	59
12/23/2016	21:00	12/26/2016	8:00	59
12/30/2016	21:00	1/2/2017	8:00	59



October 29, 2015

Memorandum to File

Re: Annual Gas Turbine and Standby boiler Opacity Survey

1. On October 29, 2015 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.

LM2500

Boilers

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.

Attachment Rule 74.2
Usage Log for Architectural Coatings and Thinners

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 / Aervoe	3/11/2008	11	0	644	Aerosol coating	Rule 74.2 F.2	5.37	0.00
Galvanizing Compound (aerosol)	7007	Crown / Aervoe	11/30/2010	13	0	295	Aerosol coating	Rule 74.2 F.2	2.46	0.00
Aerosol paint (Black)	Z635	Zynolyte / Aervoe	3/11/2008	11	0	644	Aerosol coating	Rule 74.2 F.2	5.37	0.00
Aerosol paint (yellow)	V2143838	Rustoleum	11/28/2010	15	2	760	Rust preventative coating	Rule 74.2 F.2	6.34	1.49
Syn-Lustro Gunmetal Gray	10-12-1	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Syn-Lustro tawny yellow	10-M	Dunn-Edwards	4/9/2013	32	0	390	Rust Preventative Alkyd Enamel Coating	250	3.25	0.00
Syn-Lustro Meadow Irish Green	10-27	Dunn-Edwards	4/9/2013	32	4	390	Rust Preventative Alkyd Enamel Coating	250	3.25	3.25
Syn-Lustro Safety Green	10V-11-1	Dunn-Edwards	4/9/2013	32	2	390	Rust Preventative Alkyd Enamel Coating	250	3.25	1.63
Syn-Lustro Fire Red	10-19	Dunn-Edwards	4/9/2013	32	2	390	Rust Preventative Alkyd Enamel Coating	250	3.25	1.63
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	Dunn-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	0	321	Masonry Sealer	400	2.68	0.00
Navajo White	W705I	Dunn-Edwards	4/11/1999	128	0	140	Industrial Maintenance Coating	250	1.17	0.00
Paint Thinner		Sunnyside	4/29/2009	128	0	780	Thinner	N/A	6.51	0.00
								Annual total ROC [lb]	8	
								Rule 23 ROC limit [lb]	200	



Letter of Conformance

March 10, 2016

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to

CALIFORNIA STATE UNIVERSITY CI on March 9th ,2016

Was in compliance with South Coast Air Quality Management District requirements for Ventura and Santa Barbara Counties. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by Maxum Petroleum. The sulfur Content is gnananteed to be less than .0015%. (15PPM) The high heat content is typically in the 19,950 - 20,200 BTU per pound range.

Hope Bowles

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