



A  Sempra Energy company

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A.P.C.D.

Harold Lang
Technical Advisor Environmental
Southern California Gas Company
Gas Transmission
(818) 701-2514

October 20, 2014

EPA Region IX, Office of Air Division
Mr. Gerardo Rios
75 Hawthorne Street
San Francisco, CA 94105

Southern California
Gas Company
9400 Oakdale Avenue
Chatsworth, CA 91311

Mailing Address:
P O Box 2300, ML SC9314
Chatsworth, CA 91313-2300

Ventura County Air Pollution Control District
Mr. Dan Searcy
669 County Square Drive,
Ventura, CA 93003

**Subject: Title V Annual Certification, Permit Number: 00061
Ventura Compressor Station, 1555 N. Olive Street, Ventura Ca.**

Dear Sirs,

Please find enclosed the Annual Title V Certification report required for the Ventura Compressor Station, for the period from October 1, 2013 through September 30, 2014.

Included in this report are:

- "Compliance Certification Signature Cover Form", signed and dated by the RO.
- "RICE NESHAPS" Compliance report.
- Annual Compliance Certification Permit Attachment forms for each requirement and permit condition requiring annual certification.
- "Compliance Certification Source Test Summary Form for 2014 testing.
- Annual Emission calculations, fuel, and hours of operation.
- Maintenance records for the ICES.
- Quarterly engine screening for the reporting period.

If you have any questions or concerns, please feel free to contact me.

Sincerely,

Harold Lang
Technical Advisor
Southern California Gas Company
818-701-2514
Cellular 818-480-8779



Ventura County
Air Pollution
Control District

SEMIANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

A copy of each Semi-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.

Signature and Title of Responsible Official.

Jon Garcia

Title: Field Operations Manager

Date:

10/20/14

Time Period Covered by Compliance Certification

10/01/13 (MM/DD/YY) to 09/30/14 (MM/DD/YY)

RICE MACT/NESHAPS Compliance Report

October 20, 2014

Semiannual Compliance Report
November 1, 2013 to April 30, 2014

Federal Operating Permit 0061

Site address:
Southern California Gas Company
Ventura Compressor Station
1555 South Olive Street
Ventura, CA 993001-1349
Mailing address:
Southern California Gas Company
P.O. Box 2300, SC 9314
Chatsworth, Ca. 91313 Fax 818 701 3441

Equipment Description:

- 1.1. 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1)
- 1.2. 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP2)
- 1.3. 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP3)

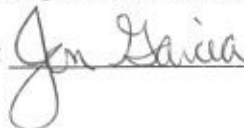
Deviations

There were no deviations during this compliance period. Compliance is assured by Annual Source testing, Quarterly Screening Analysis, and automatic shut down per 40 CFR Part 63, subpart ZZZZ, Table 5 (13)(a)(ii).

Responsible Official

Name: Jon Garcia

Title: Field Operations Manager.

Signature: 



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10/01/13 (MM/DD/YY) to 09/30/14 (MM/DD/YY)

Table 1.c.1

<p>A. Attachment # or Permit Condition #: 74.9N4</p> <p>B. Description: Pursuant to Rules 74.9.B.1, B.2, and B.5, emissions from an applicable ICE shall not exceed the following NOx limits: either 1) 45 ppmvd referenced at 15% oxygen; or 2) a 94% reduction by volume across control device; ROC limits: 750 ppmvd referenced at 15% oxygen, expressed as methane; CO limits: 500 ppmvd referenced at 15% oxygen</p> <p>C. Method of monitoring: Quarterly screening per Rule 74.9 and bi-annual source testing</p>	<p>D. Frequency of monitoring quarterly</p> <p>E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable EPA Method 25, 18, CARB Method 100</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: 74.9N7</p> <p>B. Description: Pursuant to Section D.3 of Rule 74.9, an applicable emergency standby stationary internal combustion engine shall only be operated during an emergency or during maintenance operation of not more than 50 hours per calendar year.</p> <p>C. Method of monitoring: Emergency generator run logs</p>	<p>D. Frequency of monitoring Monthly</p> <p>E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: ATCM Engine N2</p> <p>B. Description: Record hours of operation for maintenance and testing; fuel type used</p> <p>C. Method of monitoring: compliance certification</p>	<p>D. Frequency of monitoring yearly</p> <p>E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification:		<u>10/01/13</u> (MM/DD/YY)	to	<u>09/30/14</u> (MM/DD/YY)
Table 1.c.2				
A. Attachment # or Permit Condition #:		PC1 Condition No. 1		
B. Description:		D. Frequency of monitoring		
Rule 26 Natural Gas Use Only		yearly		
		Source Test Summary Form, if applicable		
C. Method of monitoring:		F. Currently in Compliance?	(Y or N):	<u>Y</u>
compliance certification		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				
A. Attachment # or Permit Condition #:		PC1 Condition No. 2		
B. Description:		D. Frequency of monitoring		
Monthly records of solvent purchase and usage		Yearly		
		E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable		
C. Method of monitoring:		F. Currently in Compliance?	(Y or N):	<u>Y</u>
Annual compliance certification		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				
Table 1.c.2				
A. Attachment # or Permit Condition #:		PC4		
B. Description:		D. Frequency of monitoring		
Rule 35 500 PPM CO limit for engines		quarterly		
		Source Test Summary Form, if applicable		
		N/A		
C. Method of monitoring:		F. Currently in Compliance?	(Y or N):	<u>Y</u>
Quarterly Screening , biennial source test (ROC, Nox, CO)		G. Compliance Status?	(C or I):	<u>C</u>
		other non-compliance?	(Y or N):	<u>N</u>
*if yes, attach Deviation Summary Form				



Ventura County
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10/01/13 (MM/DD/YY) to 09/30/14 (MM/DD/YY)

Table 1.c.3

<p>A. Attachment # or Permit Condition #: 50 - Opacity</p> <p>B. Description: Permittee shall not discharge into the atmosphere any air contaminants for a period or periods aggregating more than 3 min. in any 1 hour which are as dark in shade as that designated as Ringlemann Chart No. 1, or equivalent to 20% opacity and greater.</p> <p>C. Method of monitoring: Periodic visual observations, annual Method 9.</p>	<p>D. Frequency of monitoring Quarterly</p> <p>E. Source test reference method, if applicable. Visual and Method 9</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>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: 50_4 - Testing Upon Request</p> <p>B. Description: Upon District request, opacity shall be determined during routine surveillance and during the annual certification by a person certified in reading smoke using EPA Method 9 or a certified, calibrated monitoring system.</p> <p>C. Method of monitoring: N/A</p>	<p>D. Frequency of monitoring N/A</p> <p>E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable</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>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>
<p>A. Attachment # or Permit Condition #: 54.B.1 - Sulfur Compounds</p> <p>B. Description: No person shall discharge sulfur compounds, which would exist as a liquid or gas at standard conditions, in excess of 300 ppm by volume from any combustion operation, calculated as sulfur dioxide (SO₂) by volume at the point of discharge.</p> <p>C. Method of monitoring: Fuel analysis</p>	<p>D. Frequency of monitoring continuous</p> <p>E. Source test reference method, if applicable. Attached N/A</p> <p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10/01/13 (MM/DD/YY) to 09/30/14 (MM/DD/YY)

A. Attachment # or Permit Condition #: 54.B.2 - Sulfur Compounds

B. Description:

All fuel used at the facility is CPUC quality natural gas which the APCD deems as compliant with Rule 64. There is no monitoring requirement.

C. Method of monitoring:

N/A

D. Frequency of monitoring

N/A

E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable

F. Currently in Compliance? (Y or N): Y
G. Compliance Status? (C or I): C
other non-compliance? (Y or N): N

*if yes, attach Deviation Summary Form

Table 1.c.3

A. Attachment # or Permit Condition #: 55 - Fugitive Dust

B. Description:

The provisions of this rule shall apply to any operation, disturbed surface area, or man-made condition capable of generating fugitive dust, including bulk material handling, earth-moving, construction, demolition, storage piles, unpaved roads, track-out, or off-field agricultural operations

C. Method of monitoring:

Monitoring of facility and construction activities

D. Frequency of monitoring

annual

E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable

F. Currently in Compliance? (Y or N): Y
G. Compliance Status? (C or I): C
other non-compliance? (Y or N): N

*if yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: 57.1 - Particulate Matter

B. Description:

Permittee shall not discharge into the atmosphere from any fuel burning equipment combustion contaminants exceeding in concentration at the point of discharge, 0.1 grain per cubic foot of gas calculated to 12% of carbon dioxide at standard conditions.

C. Method of monitoring:

compliance certification

D. Frequency of monitoring

Not required based on District analysis

E. Source test reference method, if applicable. Attached Source Test Summary Form, if applicable

F. Currently in Compliance? (Y or N): Y
G. Compliance Status? (C or I): C
other non-compliance? (Y or N): N

*if yes, attach Deviation Summary Form



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Period Covered by Compliance Certification: <u>10/01/13</u> (MM/DD/YY) to <u>09/30/14</u> (MM/DD/YY)										
A. Attachment # or Permit Condition #: <u>64.B.1 - Fuel Sulfur Content</u>	D. Frequency of monitoring									
B. Description: No person shall burn gaseous fuel containing sulfur compounds in excess of 50 grains/100 ft3 of gaseous fuel (788 ppmv), except for natural gas which is limited to 15 grains/100 ft3 (236 ppmv), calculated as H2S at std. conditions unless exempt.	<p style="text-align: center;">yearly</p> <p>Source Test Summary Form, if applicable</p> <p style="text-align: center;">N/A</p>									
C. Method of monitoring: compliance certification - none required for PUC quality natural gas.	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">F. Currently in Compliance?</td> <td style="width: 20%;">(Y or N):</td> <td style="width: 20%; text-align: center;"><u>Y</u></td> </tr> <tr> <td>G. Compliance Status?</td> <td>(C or I):</td> <td style="text-align: center;"><u>C</u></td> </tr> <tr> <td>other non-compliance?</td> <td>(Y or N):</td> <td style="text-align: center;"><u>N</u></td> </tr> </table> <p>*if yes, attach Deviation Summary Form</p>	F. Currently in Compliance?	(Y or N):	<u>Y</u>	G. Compliance Status?	(C or I):	<u>C</u>	other non-compliance?	(Y or N):	<u>N</u>
F. Currently in Compliance?	(Y or N):	<u>Y</u>								
G. Compliance Status?	(C or I):	<u>C</u>								
other non-compliance?	(Y or N):	<u>N</u>								
Table 1.c.3										
A. Attachment # or Permit Condition #: <u>64.B.2 Sulfur Content of Fuels</u>	D. Frequency of monitoring									
B. Description: Fuel suppliers certification or fuel test per each delivery (submit with annual compliance certification)	<p style="text-align: center;">yearly</p> <p>Source Test Summary Form, if applicable</p> <p style="text-align: center;">(No fuel delivery this period)</p>									
C. Method of monitoring: compliance certification	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">F. Currently in Compliance?</td> <td style="width: 20%;">(Y or N):</td> <td style="width: 20%; text-align: center;"><u>Y</u></td> </tr> <tr> <td>G. Compliance Status?</td> <td>(C or I):</td> <td style="text-align: center;"><u>C</u></td> </tr> <tr> <td>other non-compliance?</td> <td>(Y or N):</td> <td style="text-align: center;"><u>N</u></td> </tr> </table> <p>*if yes, attach Deviation Summary Form</p>	F. Currently in Compliance?	(Y or N):	<u>Y</u>	G. Compliance Status?	(C or I):	<u>C</u>	other non-compliance?	(Y or N):	<u>N</u>
F. Currently in Compliance?	(Y or N):	<u>Y</u>								
G. Compliance Status?	(C or I):	<u>C</u>								
other non-compliance?	(Y or N):	<u>N</u>								
A. Attachment # or Permit Condition #: <u>74.6 - solvent use</u>	D. Frequency of monitoring									
B. Description: The requirements of this rule shall apply to any person who performs solvent cleaning activities. This rule does not apply to the use of solvent with an ROC content of 25 g/l or less.	<p style="text-align: center;">Monthly</p> <p>E. Solvent used is 25 g/l or less.</p>									
C. Method of monitoring: compliance certification	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">F. Currently in Compliance?</td> <td style="width: 20%;">(Y or N):</td> <td style="width: 20%; text-align: center;"><u>Y</u></td> </tr> <tr> <td>G. Compliance Status?</td> <td>(C or I):</td> <td style="text-align: center;"><u>C</u></td> </tr> <tr> <td>other non-compliance?</td> <td>(Y or N):</td> <td style="text-align: center;"><u>N</u></td> </tr> </table> <p>*if yes, attach Deviation Summary Form</p>	F. Currently in Compliance?	(Y or N):	<u>Y</u>	G. Compliance Status?	(C or I):	<u>C</u>	other non-compliance?	(Y or N):	<u>N</u>
F. Currently in Compliance?	(Y or N):	<u>Y</u>								
G. Compliance Status?	(C or I):	<u>C</u>								
other non-compliance?	(Y or N):	<u>N</u>								



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification:		<u>10/01/13</u> (MM/DD/YY)	to	<u>09/30/14</u> (MM/DD/YY)
A. Attachment # or Permit Condition #: 74.11.1-Large water heaters/small boilers		D. Frequency of monitoring		
B. Description: This attachment applies to all water heaters, boilers, steam generators or process heaters units with a rated heat input capacity greater than 75,000 BTU/hr and less than or equal to 2,000,000 BTU/hr at this stationary source installed after December 31, 1999 (or after December 31, 2000 as discussed below) and to the future installation of any such unit at this stationary source.		annual		
C. Method of monitoring: compliance certification		Source Test Summary Form, if applicable		
		F. Currently in Compliance? (Y or N):	<u>Y</u>	
		G. Compliance Status? (C or I):	<u>C</u>	
		other non-compliance? (Y or N):	<u>N</u>	
		*if yes, attach Deviation Summary Form		
A. Attachment # or Permit Condition #: 74.22		D. Frequency of monitoring		
B. Description: After May 31, 1994, no person shall install any natural gas-fired fan-type central furnace with NOx emissions > 40 nanograms per joule of heat output and that has not been certified and identified in accordance with Rule 74.22.C.		N/A		
C. Method of monitoring: compliance certification		Source Test Summary Form, if applicable		
		F. Currently in Compliance? (Y or N):	<u>Y</u>	
		G. Compliance Status? (C or I):	<u>C</u>	
		other non-compliance? (Y or N):	<u>N</u>	
		*if yes, attach Deviation Summary Form		
Table 1.c.4				
A. Attachment # or Permit Condition #: 74.1		D. Frequency of monitoring		
B. Description: Abrasive blasting is the operation of cleaning or preparing a surface by forcibly propelling a stream of abrasive material against that surface. Abrasive materials subject to Rule 74.1 include, but are not limited to, sand, slag, steel shot, garnet or walnut shells.		annual		
C. Method of monitoring: compliance certification		E. No abraasive blasting this period.		
		F. Currently in Compliance? (Y or N):	<u>Y</u>	
		G. Compliance Status? (C or I):	<u>C</u>	
		other non-compliance? (Y or N):	<u>N</u>	
		*if yes, attach Deviation Summary Form		



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Air Pollution
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10/01/13 (MM/DD/YY) to 09/30/14 (MM/DD/YY)

Table 1.c.4

<p>A. Attachment # or Permit Condition #: <u>74.2 Architectural Coatings</u></p> <p>B. Description:</p> <p>Perform routine surveillance of the architectural coating operation to ensure compliance with Rule 74.2. Permittee shall specify usage of compliant coatings and maintain VOC records of coatings used. Submit information to the District upon request.</p>	<p>D. Frequency of monitoring</p> <p style="text-align: center;">Monthly</p> <p>E. No paint use this period.</p>
<p>C. Method of monitoring:</p> <p style="text-align: center;">compliance certification</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>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.27 Tank Degassing</u></p> <p>B. Description:</p> <p>Degassing to use either a) Liquid displacement into VRS, flare, or fuel gas system or b) Control device w/ vapor destruction & removal eff. >= 95% until vapor conc. (VC) in tank is < 10,000 ppmv, measured as methane. VC must be < 10,000 ppmv for 1 hour.</p>	<p>D. Frequency of monitoring</p> <p style="text-align: center;">N/A</p> <p>Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p style="text-align: center;">compliance certification</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>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.29 Soil Decontamination Operations</u></p> <p>B. Description:</p> <p>No person shall cause or allow the aeration of soil that contains gasoline, dieselfuel, or jet fuel, if such aeration...</p>	<p>D. Frequency of monitoring</p> <p style="text-align: center;">N/A</p> <p>E. No soil decontamination this period.</p>
<p>C. Method of monitoring:</p> <p style="text-align: center;">compliance certification</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>other non-compliance? (Y or N): <u>N</u></p> <p>*if yes, attach Deviation Summary Form</p>



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification:	<u>10/01/13</u>	(MM/DD/YY)	to	<u>09/30/14</u>	(MM/DD/YY)
Table 1.c.4					

A. Attachment # or Permit Condition #: 40CFR61.M - Asbestos	D. Frequency of monitoring
B. Description: Owner/operator of a demolition/renovation activity, as defined in 40 CFR 61.141, shall comply with applicable inspection, notification, removal, & disposal procedures for asbestos containing materials as specified in 40 CFR Part 61.145, Standards for Demolition and Renovation	N/A
	E. No asbestos removal this period.
C. Method of monitoring: <div style="text-align: center;">compliance certification</div>	F. Currently in Compliance? (Y or N): <u>Y</u>
	G. Compliance Status? (C or I): <u>C</u>
	other non-compliance? (Y or N): <u>N</u>
*if yes, attach Deviation Summary Form	



Ventura County
Air Pollution
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ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10/1/2013 to 9/30/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Nox
C. Measured Emission Rate: 30.4 ppm @ 15% O2	D. Limited Emission Rate: 45 ppm @ 15% O2	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: CO
C. Measured Emission Rate: 0.58 @15% O2	D. Limited Emission Rate: 500 ppm @15% O2	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: ROC
C. Measured Emission Rate: 7.24 @15% O2	D. Limited Emission Rate: 750 @15% O2	E. Specific Source Test or Monitoring Record Citation: EPA method 18/66- FID analyses	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Opacity %
C. Measured Emission Rate: 0%	D. Limited Emission Rate: No 1 Ringleman chart	E. Specific Source Test or Monitoring Record Citation: EPA Method 9	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: PM
C. Measured Emission Rate: 0.0837	D. Limited Emission Rate: 0.10 Pounds Per Hour	E. Specific Source Test or Monitoring Record Citation: Rule 26-PTO	F. Test Date: 2/27/2014



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ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10/1/2013 to 9/30/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP2), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Nox
C. Measured Emission Rate: 18.8 ppm @ 15% O2	D. Limited Emission Rate: 45 ppm @ 15% O2	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: CO
C. Measured Emission Rate: 0.61 @15% O2	D. Limited Emission Rate: 500 ppm @15% O2	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP2), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: ROC
C. Measured Emission Rate: 7.40 @15% O2	D. Limited Emission Rate: 750 @15% O2	E. Specific Source Test or Monitoring Record Citation: EPA Method 18/GC-FID analyses	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP2), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Opacity %
C. Measured Emission Rate: 0%	D. Limited Emission Rate: No 1 Ringleman chart	E. Specific Source Test or Monitoring Record Citation: EPA Method 9	F. Test Date: 2/27/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP2), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: PM
C. Measured Emission Rate: 0.0819 @15% O2	D. Limited Emission Rate: 0.10 Pounds Per Hour	E. Specific Source Test or Monitoring Record Citation: Rule 26-PTO	F. Test Date: 2/27/2014



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10/1/2013 to 9/30/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP3), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Nox
C. Measured Emission Rate: 32.8 ppm @ 15% O ₂	D. Limited Emission Rate: 45 ppm @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/28/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP3), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: CO
C. Measured Emission Rate: 0.60 @15% O ₂	D. Limited Emission Rate: 500 ppm @15% O ₂	E. Specific Source Test or Monitoring Record Citation: CARB Method 100	F. Test Date: 2/28/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP3), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: ROC
C. Measured Emission Rate: 10.1 @15% O ₂	D. Limited Emission Rate: 750 @15% O ₂	E. Specific Source Test or Monitoring Record Citation: EPA Method 18/GC-FID analyses	F. Test Date: 2/28/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP3), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: Opacity %
C. Measured Emission Rate: 0%	D. Limited Emission Rate: No 1 Ringleman chart	E. Specific Source Test or Monitoring Record Citation: EPA Method 9	F. Test Date: 2/28/2014

A: Emission Unit Description: 1100 HP Lean Burn NG Superior Model 8GTLB Engine (HP1), Equipped with a pre Combustion Chamber (PCC) and a Englehard CAMET oxidation catalyst consisting of platinum and palladium for reducing acrolein emissions.			B: Pollutant: PM
C. Measured Emission Rate: 0.0877 @15% O ₂	D. Limited Emission Rate: 0.10 Pounds Per Hour	E. Specific Source Test or Monitoring Record Citation: Rule 26-PTO	F. Test Date: 2/28/2014

**Ventura Compressor Station
Annual Emissions report**

October 1, 2013 - Sept 30, 2014

Engine Data		Horse Power	Cyl. #	RPM (Var.)	Timing (BTDC)	BTU (HHV)
Unit #:	Engine Type					
HP#1	8GTLB	1100	8	600-900	9 Deg.	1067
HP#2	8GTLB	1100	8	600-900	9 Deg.	1067
HP#3	8GTLB	1100	8	600-900	9 Deg.	1067

Source Test Data

Test Date: 2/27/2014 and 4/28/2014

Unit #:	NOX (lbs/MMscf)	CO (lbs/MMscf)	ROG (Lbs/MMscf)	PM (Lbs/MMscf)	SOX (Lbs/MMscf)	NOX (lbs/hr)	CO (lbs/hr)	ROG (lbs/hr)	PM (lbs/hr)	SOX (lbs/hr)
HP#1	116.0	1.3	9.61	10	0.6	0.9710	0.011	0.081	0.084	0.0050
HP#2	71.8	1.4	9.8	10	0.6	0.5880	0.012	0.080	0.082	0.0049
HP#3	123.0	1.4	13.1	10	0.6	1.0800	0.012	0.115	0.088	0.0053

Annual Emissions

Unit #	Fuel Use (MMscf)	Run Time (Hours)	NOx (tons)	CO (tons)	ROG (tons)	PM (tons)	SOx (tons)
HP#1	8.36	1,029.0	0.48	0.005	0.040	0.042	0.003
HP#2	7.14	883.0	0.26	0.005	0.035	0.036	0.002
HP#3	10.22	1,200.0	0.63	0.007	0.067	0.051	0.003
Totals:	25.71	3,112.0	1.37	0.02	0.14	0.13	0.01

**HPC1, HPC2 and HPC3 are identical 1,100 HP Superior model 8GTLB lean burn engines with pre-combustion chamber (PCC)

^ Fuel use and run time is measured over the 12-month compliance period from 10/01/2013 - 09/30/2014

Hourly PM and SOX emissions = fuel use during source test (mmcf/hr) x EF (lb/mmcf)

Hourly NOX, CO, and ROG values were taken directly from source test

Unit #:	HP#1	HP#2	HP#3
Oct-13	1611.0	1040.3	2553.3
Nov-13	2340.4	1833.1	2880.0
Dec-13	324.3	206.6	301.1
Jan-14	0.0	0.0	0.0
Feb-14	496.1	532.7	80.0
Mar-14	3584.2	3524.2	4403.0
Apr-14	3522.6	3048.5	3754.1
May-14	6013.0	1987.8	5866.6
Jun-14	6170.0	4841.2	6125.9
Jul-14	5049.8	777.9	5083.2
Aug-14	5429.9	4490.4	5030.4
Sep-14	2201.6	2112.4	2660.2
MSCF	8356.0	7136.9	10217.4
MMSCF	8.36	7.14	10.22

<u>Unit #:</u>	HP#1	HP#2	HP#3	
Oct-13	198.0	130.0	302.0	
Nov-13	288.0	227.0	340.0	
Dec-13	40.0	27.0	36.0	
Jan-14	0.0	0.0	0.0	
Feb-14	60.0	65.0	10.0	
Mar-14	443.0	434.0	512.0	
Apr-14	421.0	376.0	440.0	
May-14	717.0	245.0	692.0	
Jun-14	715.0	590.0	711.0	
Jul-14	595.0	98.0	595.0	
Aug-14	648.0	554.0	604.0	
Sep-14	266.0	262.0	321.0	
annual hrs.	1,029.0	883.0	1,200.0	3,112.0

OLIVE STREET TITLE 5 WORK ORDERS

Orders Completed October 1st 2013 - March 31st 2014

STATUS	WONUM	DESCRIPTION	LOCATION	ACTFINISH
COMP	5323112	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	10/3/2013
COMP	5323108	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	10/3/2013
COMP	5323109	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	10/3/2013
COMP	5323110	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	10/3/2013
COMP	5323111	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	10/3/2013
COMP	5310321	RECORD ENGINE HOURS FOR HIGH PRESSURE UNITS AND MAINTAIN RECOR	VEN HP SYS	10/3/2013
COMP	5380411	HP3 maintenance/replace spark plugs/wires	OLIVE ST	10/4/2013
COMP	5377298	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYS	10/7/2013
COMP	5380407	Wakesha/IR air compressor troubleshoot	OLIVE ST	10/9/2013
COMP	5345869	Engine Maintenance Check HP 3	VEN HP SYS	10/23/2013
COMP	5377081	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYS	10/23/2013
COMP	5345862	Engine Maintenance Check HP 2	VEN HP SYS	10/23/2013
COMP	5341615	REGULAR ENGINE SCREENING	OLIVE ST	10/23/2013
COMP	5345855	Engine Maintenance Check HP 1	VEN HP SYS	10/25/2013
COMP	5345857	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	10/28/2013
COMP	5345858	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345860	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345861	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	10/28/2013
COMP	5345856	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	10/28/2013
COMP	5345859	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345873	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345870	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	10/28/2013
COMP	5345871	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	10/28/2013
COMP	5345874	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345875	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	10/28/2013
COMP	5345872	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345864	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	10/28/2013
COMP	5345867	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345863	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	10/28/2013
COMP	5345866	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345865	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	10/28/2013
COMP	5345868	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	10/28/2013
COMP	5327742	VENTURA STATION ENGINE HOUR LOG - MONTHLY	VEN HP SYS	10/31/2013
COMP	5327743	RECORD ENGINE HOURS FOR HIGH PRESSURE UNITS AND MAINTAIN RECOR	VEN HP SYS	11/1/2013
COMP	5278137	HP 1, 2, 3	VEN HP SYS	11/4/2013
COMP	5273602	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	11/4/2013
COMP	5273604	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	11/4/2013
COMP	5273605	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	11/4/2013
COMP	5273601	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	11/4/2013
COMP	5273603	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	11/4/2013
COMP	5301571	HP 1, 2, 3	VEN HP SYS	11/4/2013
COMP	5377302	HP 1, 2, 3	VEN HP SYS	11/4/2013
COMP	5412124	INSTALL NEW WATER FILTERS-HP1,2,3	VEN HP SYS	11/5/2013
COMP	5412205	Gardner Denver Air Comp maintenance	OLIVE ST	11/8/2013
COMP	5412204	HP3 Power cylinder temp deviation alarm investigate	OLIVE ST	11/8/2013
COMP	5412202	Olive st compressor station visual check over	OLIVE ST	11/8/2013

COMP	5389911	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYST	12/10/2013
COMP	5391562	CIRCUIT BREAKERS NOT TRIPPED	VEN HP SYST	12/10/2013
COMP	5391564	HP 1, 2, 3	VEN HP SYST	12/10/2013
COMP	5377178	VENTURA, HP #1, 2 & 3 CORR COUPON INSP SEMI-ANNUAL	VEN HP SYST	12/17/2013
COMP	5389913	Engine Maintenance Check HP 2	VEN HP SYST	12/17/2013
COMP	5389920	Engine Maintenance Check HP 3	VEN HP SYST	12/17/2013
COMP	5391507	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYST	12/17/2013
COMP	5389916	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389915	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYST	12/18/2013
COMP	5389917	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389919	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYST	12/18/2013
COMP	5389914	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYST	12/18/2013
COMP	5389918	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389924	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389925	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389922	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYST	12/18/2013
COMP	5389923	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYST	12/18/2013
COMP	5389926	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYST	12/18/2013
COMP	5389921	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYST	12/18/2013
COMP	5391516	-----OIL LEVEL INSPECTION-----	VEN HP SYST	12/18/2013
COMP	5391517	VISUALLY CHECK DAYTANK LEVEL	VEN HP SYST	12/18/2013
COMP	5391519	-----AIR STARTER INSPECTION-----	VEN HP SYST	12/18/2013
COMP	5391512	CHECK CRANKCASE DIPSTICK LEVEL	VEN HP SYST	12/18/2013
COMP	5391510	CHECK FOR UNUSUAL NOISE & VIBRATION	VEN HP SYST	12/18/2013
COMP	5391511	..CHECK FOR OIL/WATER LEAKAGE	VEN HP SYST	12/18/2013
COMP	5391520	VISUALLY CHECK OIL LEVEL IN AIR STARTER LUBRICATORS	VEN HP SYST	12/18/2013
COMP	5391508REMOTE START-UP-INSP.....	VEN HP SYST	12/18/2013
COMP	5391513	CHECK OIL FILTER DIFFERENTIAL	VEN HP SYST	12/18/2013
COMP	5391509	ARRANGE FOR REMOTE START WITH GAS CONTROL	VEN HP SYST	12/18/2013
COMP	5443265	ADJUST MURPHY VIBRATION SWITCH-COMPRESSOR	VEN HP SYST	12/19/2013
COMP	5371644	VENTURA STATION ENGINE HOUR LOG - MONTHLY	VEN HP SYST	1/3/2014
COMP	5371645	RECORD ENGINE HOURS FOR HIGH PRESSURE UNITS AND MAINTAIN RECOR	VEN HP SYST	1/9/2014
COMP	5409936	Engine Maintenance Check HP 3	VEN HP SYST	1/22/2014
COMP	5409922	Engine Maintenance Check HP 1	VEN HP SYST	1/22/2014
COMP	5409929	Engine Maintenance Check HP 2	VEN HP SYST	1/22/2014
COMP	5417497	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYST	1/22/2014
COMP	5417506	-----OIL LEVEL INSPECTION-----	VEN HP SYST	1/23/2014
COMP	5417509	-----AIR STARTER INSPECTION-----	VEN HP SYST	1/23/2014
COMP	5417511	TOP OFF WITH PNEUMATIC OIL WEEKLY	VEN HP SYST	1/23/2014
COMP	5417498REMOTE START-UP-INSP.....	VEN HP SYST	1/23/2014
COMP	5417502	CHECK CRANKCASE DIPSTICK LEVEL	VEN HP SYST	1/23/2014
COMP	5417501	..CHECK FOR OIL/WATER LEAKAGE	VEN HP SYST	1/23/2014
COMP	5417503	CHECK OIL FILTER DIFFERENTIAL	VEN HP SYST	1/23/2014
COMP	5417510	VISUALLY CHECK OIL LEVEL IN AIR STARTER LUBRICATORS	VEN HP SYST	1/23/2014
COMP	5417499	ARRANGE FOR REMOTE START WITH GAS CONTROL	VEN HP SYST	1/23/2014
COMP	5417507	VISUALLY CHECK DAYTANK LEVEL	VEN HP SYST	1/23/2014
COMP	5409927	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYST	1/23/2014
COMP	5409928	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYST	1/23/2014
COMP	5409924	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYST	1/23/2014
COMP	5409925	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYST	1/23/2014

COMP	5442601	VENTURA, HP#1 UNIT COOLING TOWER INSP. ANNUAL	VEN HP SYS	2/26/2014
COMP	5410030	COMPLIANCE ABOVE GROUND PIPE INSP.- OLIVE ST STATION	OLIVE ST	2/26/2014
COMP	5442613	VENTURA, HP#3 UNIT COOLING TOWER INSP. ANNUAL	VEN HP SYS	2/26/2014
COMP	5436922	Engine Maintenance Check HP 1	VEN HP SYS	2/27/2014
COMP	5436936	Engine Maintenance Check HP 3	VEN HP SYS	2/27/2014
COMP	5442619	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYS	2/28/2014
COMP	5438903	ANNUAL HORIZON / OPACITY CHECK	OLIVE ST	2/28/2014
COMP	5406507	REGULAR ENGINE SCREENING	OLIVE ST	2/28/2014
COMP	5436924	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	2/28/2014
COMP	5436923	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	2/28/2014
COMP	5436925	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436927	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436928	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	2/28/2014
COMP	5436926	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436939	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436937	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	2/28/2014
COMP	5436941	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436942	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	2/28/2014
COMP	5436940	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	2/28/2014
COMP	5436938	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	2/28/2014
COMP	5442521	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYS	3/3/2014
COMP	5418279	VENTURA STATION ENGINE HOUR LOG - MONTHLY	VEN HP SYS	3/3/2014
COMP	5442623	HP 1, 2, 3	VEN HP SYS	3/3/2014
COMP	5418280	RECORD ENGINE HOURS FOR HIGH PRESSURE UNITS AND MAINTAIN RECOR	VEN HP SYS	3/4/2014
COMP	5442523	ARRANGE FOR REMOTE START WITH GAS CONTROL	VEN HP SYS	3/4/2014
COMP	5442531	VISUALLY CHECK DAYTANK LEVEL	VEN HP SYS	3/4/2014
COMP	5442524	CHECK FOR UNUSUAL NOISE & VIBRATION	VEN HP SYS	3/4/2014
COMP	5442530	-----OIL LEVEL INSPECTION-----	VEN HP SYS	3/4/2014
COMP	5442525	..CHECK FOR OIL/WATER LEAKAGE	VEN HP SYS	3/4/2014
COMP	5442526	CHECK CRANKCASE DIPSTICK LEVEL	VEN HP SYS	3/4/2014
COMP	5442527	CHECK OIL FILTER DIFFERENTIAL	VEN HP SYS	3/4/2014
COMP	5442533	-----AIR STARTER INSPECTION-----	VEN HP SYS	3/4/2014
COMP	5442534	VISUALLY CHECK OIL LEVEL IN AIR STARTER LUBRICATORS	VEN HP SYS	3/4/2014
COMP	5442522REMOTE START-UP-INSP.....	VEN HP SYS	3/4/2014
COMP	5442529	IF UNITS ARE LOADED ON ARRIVAL, DISREGARD REMOTE START STEP	VEN HP SYS	3/4/2014
COMP	5442535	TOP OFF WITH PNEUMATIC OIL WEEKLY	VEN HP SYS	3/4/2014
COMP	5458672	Engine Maintenance Check HP 3	VEN HP SYS	3/6/2014
COMP	5448607	Check scrubber Vessel -21 drip level	OLIVE ST	3/6/2014
COMP	5458673	INSPECT STATION INCLUDING OPERATION AVAILABILITY, MECHANICAL	VEN HP SYS	3/10/2014
COMP	5458677	INSPECT ENGINE AIR FILTER ELEMENTS. CHANGE ELEMENTS AS NEEDED	VEN HP SYS	3/10/2014
COMP	5458676	VERIFY IGNITION TIMING. ADJUST AND RE-SET AS NEEDED	VEN HP SYS	3/10/2014
COMP	5458675	INSPECT IGNITION SYSTEM AND PLUG WIRES; REPLACE AS NEEDED	VEN HP SYS	3/10/2014
COMP	5458674	INSPECT VALVE LASH AS REQUIRED BY ENGINE HOURS	VEN HP SYS	3/10/2014
COMP	5458678	TEST FIRE ENGINE FOR PROPER OPERATION	VEN HP SYS	3/10/2014
COMP	5510769	TROUBLESHOOT HP3 COMPRESSOR OIL PRESSURE	VEN HP SYS	3/11/2014
COMP	5510771	HP 2-RESPLICE WIRES TO COMPRESSOR LUBE OIL OUTLET TEMP.	VEN HP SYS	3/11/2014
COMP	5490647	MONTHLY STATION FIRE EXTINGUISHER INSP	OLIVE ST	3/17/2014
COMP	5462175	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYS	3/17/2014
COMP	5462122	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYS	3/17/2014
COMP	5377246	INSPECT COMP. CYLINDER, PISTON, RINGS , ROD , & PACKING	VEN HP SYS	3/19/2014

Olive St. Title V Work Orders

WONUM	DESCRIPTION	LOCATION	ACTFINISH
5444671	VENTURA STATION ENGINE HOUR LOG - MONTHLY	VEN HP SYSTEM	4/1/2014
5462157	VENTURA, FUEL METER INSPECTION MONTHLY	VENTURA	4/1/2014
5483230	CHECK OIL LEVEL IN V-020	VENTURA	4/1/2014
5520501	Olive st HP3 and HP1 alarms troubleshoot	OLIVE ST	4/3/2014
5490641	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYSTEM	4/11/2014
5490599	VENTURA GENERAL INSPECTION MONTHLY	VEN FACILITIES	4/16/2014
5539407	Olive st alarms troubleshoot HP1, HP2, HP3	OLIVE ST	4/24/2014
5542193	HP 1 INSTALL NEW JACKET WATER BELTS	VEN HP SYSTEM	4/25/2014
5542255	*SNCO*HP 2 TUBING TO FUEL GOVERNOR FERUL CRACKED	VEN HP SYSTEM	4/26/2014
5482573	VENTURA SHOP, TITLE V INSPECTION - MONTHLY	VEN FACILITIES	4/29/2014
5483799	Engine Maintenance Check HP 1	VEN HP SYSTEM	4/29/2014
5483806	Engine Maintenance Check HP 2	VEN HP SYSTEM	4/29/2014
5483813	Engine Maintenance Check HP 3	VEN HP SYSTEM	4/29/2014
5490574	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYSTEM	4/29/2014
5490589	PRIMARY AIR COMPRESSOR MONTHLY INSPECTION	VEN UTILITIES	4/29/2014
5490594	VENTURA BACKUP AIR COMP. MONTHLY INSP	VEN UTILITIES	4/29/2014
5490609	VENTURA, FUEL METER INSPECTION MONTHLY	VENTURA	5/1/2014
5556737	HP 1 COMPRESSOR CYLINDER 1/2 LUBRICATOR FAILURE	VEN HP SYSTEM	5/1/2014
5555478	HP 2 STALL SD-TROUBLESHOOT	VEN HP SYSTEM	5/5/2014
5555514	REPLACE ALTRONIC GOVERNOR ON HP 2	VEN HP SYSTEM	5/5/2014
5555516	REPLACE STARTER ON HP 2	VEN HP SYSTEM	5/5/2014
5555517	HP 2 LUBRICATOR FAILURE CYLINDER 1/2	VEN HP SYSTEM	5/5/2014
5506354	VENTURA HIGH PRESSURE UNITS QUARTERLY ENGINE OIL ANALYSIS	VENTURA	5/7/2014
5507061	CHECK OIL LEVEL IN V-020	VENTURA	5/7/2014
5512682	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYSTEM	5/7/2014
5556745	CLEAR METAL PARTICLES IN OIL BOARD	VEN HP SYSTEM	5/7/2014
5556746	HP 3 RECALIBRATE WASTE GATE VALVE CONTROLLER	VEN HP SYSTEM	5/7/2014
5558603	HP 2 STARTING TROUBLESHOOT	VEN HP SYSTEM	5/13/2014
5558604	HP 3 SHUTDOWN TROUBLESHOOT	VEN HP SYSTEM	5/14/2014
5558613	HP 1 COMPRESSOR OIL LEAK REPAIR	VEN HP SYSTEM	5/14/2014
5539493	HP 3 SUCTION TEMPERTAURE RTD TROUBLESHOOT	VEN HP SYSTEM	5/15/2014
5507063	AIR COMPRESSOR, AIR INTAKE INSPECTION	VENTURA	5/16/2014
5512614	PRIMARY AIR COMPRESSOR MONTHLY INSPECTION	VEN UTILITIES	5/16/2014
5512619	VENTURA BACKUP AIR COMP. MONTHLY INSP	VEN UTILITIES	5/16/2014
5560912	HP3 compressor oil level switch troubleshoot	OLIVE ST	5/16/2014
5559526	*SNCO* HP 3 TROUBLESHOOT	VEN HP SYSTEM	5/17/2014
5560935	HP 2 HEAD # 8 REPLACE SPARK PLUG LEAD AND RESPLICE WIRING	VEN HP SYSTEM	5/20/2014
5567267	*SNCO* HP 3 METAL DEBRIS IN OIL SD	VEN HP SYSTEM	5/23/2014
5568199	HP 1-REPLACE KIM HOT START TANK	VEN HP SYSTEM	5/27/2014
5506520	VENTURA SHOP, TITLE V INSPECTION - MONTHLY	VEN FACILITIES	5/29/2014
5507693	Engine Maintenance Check HP 1	VEN HP SYSTEM	5/29/2014
5507700	Engine Maintenance Check HP 2	VEN HP SYSTEM	5/29/2014
5507707	Engine Maintenance Check HP 3	VEN HP SYSTEM	5/29/2014
5512588	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYSTEM	5/29/2014
5512624	VENTURA GENERAL INSPECTION MONTHLY	VEN FACILITIES	5/29/2014
5496743	H.P. UNIT #1 CALIBRATIONS / VENTURA COMPRESSOR STATION	VENTURA	5/30/2014
5491920	VENTURA STATION ENGINE HOUR LOG - MONTHLY	VEN HP SYSTEM	6/2/2014
5512638	VENTURA, FUEL METER INSPECTION MONTHLY	VENTURA	6/2/2014
5558724	HP 2 RING GEAR REPLACEMENT	VEN HP SYSTEM	6/2/2014
5542702	EMERGENCY GENERATOR ENGINE INSPECTION - NESHAPS/MACT	VEN UTILITIES	6/5/2014
5483829	REGULAR ENGINE SCREENING	OLIVE ST	6/9/2014
5529660	CHECK OIL LEVEL IN V-020	VENTURA	6/9/2014

5608540	VENTURA KIM HOT START INSPECTIONS - MONTHLY	VEN HP SYSTEM	9/24/2014
5604076	Engine Maintenance Check HP 1	VEN HP SYSTEM	9/25/2014
5604083	Engine Maintenance Check HP 2	VEN HP SYSTEM	9/25/2014
5604090	Engine Maintenance Check HP 3	VEN HP SYSTEM	9/25/2014
5608492	HIGH PRESSURE #1 ,2 & 3 MONTHLY INSPECTION	VEN HP SYSTEM	9/25/2014

Southern California Gas Company - Ventura Compressor Station - Part 70 Permit No. 00061
 1555 N. Olive Street Ventura, Ca. 93001-1349

Note: Review Engine Operator Inspection Plan for Compliance
The Operator will notify the APCD by telephone 24 hours prior to any Qtrly screening at:
 Screening Notification number: (805)654-2797

Three 1100 HP Lean Burn NG Superior Model 8GTLB (PCC) engines

Quarter 4th		Year 2013		
Operating Hours	HP1	HP2	HP3	
Oct-13	198	130	302	
Nov-13				
Dec-13				

Any engine that operates 32 or more hours in a calendar Month. Within an operating Quarter will be scheduled a Quarterly screening analysis, to be completed within the operating Quarter.

Date of Quarterly screening Analysis 10/23/2013 , 8:30 AM Not Required
 Date and time of VCAPCD Notification 10/8/2013 By: Pete Perich

Analyzer Cal. Date: Testo was calibrated to manufactures specs. Prior to testing

Opacity Visual observation by engine analyst	NOTE: Rule 50 Stack emissions check. If emissions are visible, contact Tech. Services Environmental
Clear <input checked="" type="checkbox"/> Visible <input type="checkbox"/>	

Results	HP1	HP2	HP3	
NOx <small>ppmv @15%O2</small>	35.8	25	40.7	Limit 45
CO <small>ppmv @15%O2</small>	0	0.0	0	Limit 500

Deviation from normal operating parameters

No
 Yes Emission corrective action and re-inspection will be performed within 15 days

Corrective Action: (or attach Maximo Work Order)

Re-inspection date:

Results	HP1	HP2	HP3	
NOx <small>ppmv @15%O2</small>				Limit 45
CO <small>ppmv @15%O2</small>				Limit 4500

FILE IN RECORDS LOG AT VENTURA

Southern California Gas Company - Ventura Compressor Station - Part 70 Permit No. 00061
 1555 N. Olive Street Ventura, Ca. 93001-1349

Note: Review Engine Operator Inspection Plan for Compliance
The Operator will notify the APCD by telephone 24 hours prior to any Qtrly screening at:
 Screening Notification number: (805)654-2797

Three 1100 HP Lean Burn NG Superior Model 8GTLB (PCC) engines

Quarter 1st		Year 2014		
Operating Hours	HP1	HP2	HP3	
Jan-14	2	0	0	
Feb-14	60	65	10	
Mar-14	443	434	512	

NOTE: Quarterly not required due to Bi-annual testing this quarter.

Any engine that operates 32 or more hours in a calendar Month. Within an operating Quarter will be scheduled a Quarterly screening analysis, to be completed within the operating Quarter.

Date of Quarterly screening Analysis	February 27&28 7:50 AM	Not Required <input checked="" type="checkbox"/>
Date and time of VCAPCD Notification	2/21/2014	By: Pete
Analyzer Cal. Date:		

Opacity Visual observation by engine analyst	NOTE: Rule 50 Stack emissions check. If emissions are visible, contact Tech. Services Environmental
Clear <input checked="" type="checkbox"/> Visible <input type="checkbox"/>	

Results	HP1	HP2	HP3	
ppmv				
NOx @15%O2	30.4	18.8	32.8	Limit 45
ppmv				
CO @15%O2	0.58	0.6	0.6	Limit 500

Deviation from normal operating parameters

No
 Yes Emission corrective action and re-inspection will be performed within 15 days

Corrective Action: (or attach Maximo Work Order)

Re-inspection date: _____

Results	HP1	HP2	HP3	
ppmv				
NOx @15%O2				Limit 45
ppmv				
CO @15%O2				Limit 4500

FILE IN RECORDS LOG AT VENTURA

Southern California Gas Company - Ventura Compressor Station - Part 70 Permit No. 00061
 1555 N. Olive Street Ventura, Ca. 93001-1349

Note: Review Engine Operator Inspection Plan for Compliance
The Operator will notify the APCD by telephone 24 hours prior to any Qtrly screening at:
 Screening Notification number: (805)654-2797

Three 1100 HP Lean Burn NG Superior Model 8GTLB (PCC) engines

Quarter 2nd		Year 2014		
Operating Hours	HP1	HP2	HP3	
Apr-14	421	376	440	
May-14	717	245	692	
Jun-14	715	590	711	

Any engine that operates 32 or more hours in a calendar Month, Within an operating Quarter will be scheduled a Quarterly screening analysis, to be completed within the operating Quarter.

Date of Quarterly screening Analysis	6/9/2014	Not Required <input type="checkbox"/>
Date and time of VCAPCD Notification	5/26/2014 6:45	By: Pete Perich
Analyzer Cal. Date:	TESTO 350XL WAS CALIBRATED BY MANUFACTURES instructions prior to the screening.	

Opacity Visual observation by engine analyst	NOTE: Rule 50 Stack emissions check. If emissions are visible, contact Tech. Services Environmental		
Clear <input checked="" type="checkbox"/>	Visible <input type="checkbox"/>		

Results	HP1	HP2	HP3	
NOx <u>ppmv @15%O2</u>	27	29	35	Limit 45
CO <u>ppmv @15%O2</u>	0	0.0	0	Limit 500

Deviation from normal operating parameters

No
 Yes Emission corrective action and re-inspection will be performed within 15 days

Corrective Action: (or attach Maximo Work Order)

Re-inspection date: _____

Results	HP1	HP2	HP3	
NOx <u>ppmv @15%O2</u>				Limit 45
CO <u>ppmv @15%O2</u>				Limit 4500

FILE IN RECORDS LOG AT VENTURA

Southern California Gas Company - Ventura Compressor Station - Part 70 Permit No. 00061
 1555 N. Olive Street Ventura, Ca. 93001-1349

Note: Review Engine Operator Inspection Plan for Compliance
The Operator will notify the APCD by telephone 24 hours prior to any Qtrly screening at:
 Screening Notification number: (805)654-2797

Three 1100 HP Lean Burn NG Superior Model 8GTLB (PCC) engines

Quarter	3rd	Year 2014		
Operating Hours	HP1	HP2	HP3	
Jul-14	595	98	595	
Aug-14	648	554	604	
Sep-14	266	262	321	

Any engine that operates 32 or more hours in a calendar Month, Within an operating Quarter will be scheduled a Quarterly screening analysis, to be completed within the operating Quarter.

Date of Quarterly screening Analysis: 8/11/2014 Not Required
 Date and time of VCAPCD Notification: 7/29/2014 6:30 By: Pete Perich
 Analyzer Cal. Date: _____

Opacity Visual observation by engine analyst	NOTE: Rule 50 Stack emissions check. If emissions are visible, contact Tech. Services Environmental
Clear <input checked="" type="checkbox"/> Visible <input type="checkbox"/>	

Results		HP1	HP2	HP3	
NOx	ppmv @15%O2	35	23	32	Limit 45
CO	ppmv @15%O2	0	0.0	0	Limit 4500

Deviation from normal operating parameters

No
 Yes Emission corrective action and re-inspection will be performed within 15 days

Corrective Action: _____ (or attach Maximo Work Order)

Re-inspection date: _____

Results		HP1	HP2	HP3	
NOx	ppmv @15%O2				Limit 45
CO	ppmv @15%O2				Limit 500

FILE IN RECORDS LOG AT VENTURA