

INSTRUCTIONS FOR COMPLETING THE TITLE-V SEMI-ANNUAL MONITORING REPORT

What is a Title-V Semi-Annual Monitoring Report?

A Title-V Monitoring Report is a report that certifies that all required monitoring has been conducted and reported. The report should also include all instances of deviations from permit requirements, including emergencies. It is a reporting requirement of the Title-V State Operating Permit, issued by the New Mexico Environment Department Air Quality Bureau. The report must be submitted to NMED.

When do I need to submit a Title-V Semi-Annual Monitoring Report?

Submittal of a Title-V Semi-Annual Monitoring Report is required at least every six (6) months. The reports shall be submitted to the department within forty-five (45) days of the end of the reporting period, per NMAC 20.2.70.302.E(1). The reporting period is usually a six (6) month period. The first period usually begins on the anniversary date of the first issued operating permit, with the second reporting period beginning on the six month anniversary date of the first issued operating permit unless otherwise stated in the permit.

What do I need to submit?

Submittal requirements for the Title-V Monitoring Report are outlined as follows:

Cover Page

The cover page for the Title-V Monitoring Report is the [Reporting Submittal Form](#). This is a multi-purpose form that is used as a cover page for all reports delivered to the Air Quality Bureau to satisfy permit conditions or regulatory requirements. It can be found on the Air Quality Bureau website at

http://www.nmenv.state.nm.us/aqb/enforce_compliance/compliance.html

Be sure to check Section II Box B of the Reporting Submittal Form when submitting Title-V Monitoring reports. If any of the information is missing, the report will be rejected.

Title-V Report Certification Form

This is a one page form which is required for certification of all Title-V reports submitted. The form consists of three sections which must be completed by the reporting party.

Section I. Report Type – Select the type of report.

Section II. Identifying Information (facility, permit and Responsible Official) – Fill in all boxes with the required information. If any information is missing the report will be rejected

Section III. Certification of Truth, Accuracy, and Completeness – The signature of the Responsible Official and date are required.

(Part 1) Monitoring Activity Reporting Requirements

This part requires the verification that all reporting requirements associated with the Title-V permit have been completed or are being reported in this monitoring report.

The first page is a general overview of reporting requirements and also contains the submittal dates for the Title-V Monitoring Report.

On the following pages all reporting requirements are identified and must be addressed. There may be two sections to this part depending on the facility. The first section is called **REPORTING REQUIREMENTS FOR MONITORING ACTIVITIES**. The second section is called **OTHER REPORTING REQUIREMENTS**.

REPORTING REQUIREMENTS FOR MONITORING ACTIVITIES

In the first section each monitoring requirement is identified in a table along with the reporting requirement associated with the monitoring activity. There are seven rows for each reporting requirement.

Rows 1 and 2 - These rows have been pre-populated with information identifying the emission unit(s) and the required monitoring.

Row 3 - This row has been pre-populated with the reporting requirement as it is spelled out in the permit and a description of the required monitoring activity.

Row 4 - "Has this reporting requirement been met during this reporting period with a separate report submittal?" The reporting official must answer the question. If a report has been previously submitted during this reporting period check YES in Row 5 and complete Row 5. If not, check NO in Row 6 and provide comments in Row 7.

Row 5 - If YES has been selected the reporting official must enter the date the separate report has been submitted and enter the Activity tracking number. The Activity tracking number can be found on the e-mail acceptance of the previously submitted report.

Row 6 - If NO has been selected enter comments in Row 7 and attach the required documentation immediately following the reporting table. (See sample form)

Row 7, Comments - enter any comments regarding the reporting requirement.

OTHER REPORTING REQUIREMENTS

In the second section any other reporting requirements required by the permit are each identified in a table. There are five rows for each reporting requirement.

Row 1 - This row has been pre-populated with the reporting requirement as it is spelled out in the permit.

Row 2 - "Has this reporting requirement been met during this reporting period with a separate report

submittal?" The reporting official must answer the question. If a report has been previously submitted during this reporting period check YES in Row 3 and complete row R 3. If not, check NO in Row 4 and provide comments in Row 5.

Row 3- If YES has been selected the reporting official must enter the date the separate report has been submitted and enter the Activity tracking number. The Activity tracking number can be found on the e-mail acceptance of the previously submitted report.

Row 4 - If NO has been selected enter comments in Row 7 and attach the required documentation immediately following the reporting table. (See sample form)

Row 5, Comments - enter any comments regarding the reporting requirement.

(Part 2) Deviation Summary Report.

This Part consists of two sections each with a table, one section has one question and is for deviations previously reported to the Bureau and the other section has two questions and is for deviations not yet reported to the Bureau.

Question 1. Were any deviations reported to the Bureau during this reporting period? Answer "YES" or "NO". If you answer "NO" you do not need to fill in the table. If you answer "YES" you must fill in the table "Summary of Deviations Previously Reported".

The Summary of Deviations Previously Reported table consists of three columns. All three columns must be filled.

Column 1. Unit # and description – The reporting official must identify the Unit # as it appears in the permit and give a brief description of the unit.

Column 2. Date deviation reported – The reporting official must enter the date the deviation was reported.

Column 3. Tracking Number – The reporting official must enter the tracking number used by the Company. Note: The tracking numbers to be used will change once the Air Quality Bureau implements the use of electronic excess emissions reporting.

Question 2. Are there any deviations not yet reported? If you answer "NO" you do not need to go on to the next question. If you answer "YES" go to Question 3 and list in the Deviation Summary Table each deviation, not previously reported to the NMED.

Question 3. Did any of the deviations not previously reported result in excess emissions? Answer "YES" or "NO". If you answer "YES", attach an excess emission reporting form for each deviation that resulted in excess emissions.

Deviation Summary Table for deviations not yet reported.
Fill in the required information for each deviation identified in Question 2.

For all deviations answer the following:

Applicable Requirement from the permit or regulation, Emission Unit ID as identified in the permit, Cause of Deviation, Corrective Action Taken, Deviation Start Date and Time, Deviation End Date and Time, and Monitoring Method.

For deviations with excess emissions also include the following:

Pollutant, Amount of Emissions, and an answer to the question "Did you attach an excess emission form?"

Where can I get replacement forms?

Request for replacement forms shall be addressed to Compliance Reporting Manager at 1301 Siler Road, Building B, Santa Fe, New Mexico 87507. Request shall include Permit number, Company and Facility name.

Who do I send the completed forms to?

The Title-V Monitoring Report is sent to AQB at 1301 Siler Road, Building B, Santa Fe, New Mexico 87507. A copy of the report must also be sent to EPA.

What if the Bureau has ruled my form incomplete or not approved it for other reasons?

If the document has been rejected, the submitter has failed to provide adequate information for the Bureau to process the Title-V Monitoring report. The Bureau will provide reasons for rejection and requirements for re-submittal with the notification by US Mail, email or fax.

Title V Semi - Annual Monitoring Report for Permit P999R1M1

Part 1 – Monitoring Activity Reporting Requirements

5.0 REPORTING

Conditions of 5.0 are pursuant to 20.2.70.302.E NMAC.

5.1 General Reporting Requirements:

5.1.1 Reports shall clearly identify the subject equipment showing the emission unit ID number according to the operating permit. In addition, all instances of deviations from permit requirements, including those that occur during emergencies, shall be clearly identified in the required reports. Reports of all required monitoring activities for this facility shall be submitted to the Department on the following schedule. This condition is pursuant to 20.2.70.302.E.1 NMAC.

Table 5.1.1, Schedule of Monitoring Activity Report Submittal:

| Report for Emissions Unit Nos. | Submittal Date |
|---------------------------------------|--|
| C123, C124, C125, C126and C127 | Within 45 days following the end of every 6-month period following the issuance date of permit P999, (January 1, 2000). |

5.1.2 The permittee shall submit reports of all deviations (including emergencies) from permit requirements to the Department when they occur. The permittee shall communicate initial notice of the deviation to the Department within twenty-four (24) hours of the start of the first business day following the discovery of the occurrence via telephone or facsimile. Within ten (10) calendar days of the start of the first business day following the discovery of the occurrence, written notice shall be submitted to the Department using the Department's Excess Emissions Form currently in use at time of discovery. This condition is pursuant to 20.2.70.302.E.2 NMAC.

5.1.3 At such time as new units are installed as authorized by NSR Permit 9999M1, the permittee shall fulfill the notification requirements of Condition 4 (Reporting) in the NSR permit.

Unit Specific Monitoring Reports:

| Emission unit Nos. | Parameters To Monitor | To Comply With | Monitoring Required | Monitoring Conditions |
|--|-----------------------|----------------|---------------------|-----------------------|
| C123, C124, C125, C126 and C127 | Visible emissions | 20.2.61 NMAC | Opacity | 3.4.2.1 |
| <p>3.4.2.1 Opacity Monitoring (For Units C123, C124, C125, C126and C127): Use of pipeline quality natural gas fuel or natural gas liquids constitutes compliance with 20.2.61 NMAC unless opacity exceeds 20%. At such time as fuel other than pipeline quality natural gas or natural gas liquids is used, opacity shall be measured in accordance with the procedures at 40CFR60, Appendix A, Method 9. Opacity measurements shall continue on a quarterly basis until such time as pipeline quality natural gas or natural gas liquids are used.</p> <p>3.4.2.1.1 Pipeline quality natural gas is defined as a naturally occurring fluid mixture of hydrocarbons that contains 20.0 grains or less of total sulfur per 100 standard cubic feet (scf) and is either composed of at least 70% methane by volume or has a gross calorific value between 950 and 1100 Btu per standard cubic foot.</p> <p>3.4.2.1.2 For the purposes of Condition 3.4.2.1 of this permit, “natural gas liquids” means those substances meeting the definition in 40 CFR 60.631.</p> <p>Reporting Requirement</p> <p>5.2.1 Opacity Reporting (For Units C123, C124, C125, C126and C127): The permittee shall report dates and duration of use of any fuels other than pipeline quality natural gas or natural gas liquids and the corresponding opacity measurements.</p> | | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | | |
| <p><input type="checkbox"/> Yes Date report submitted: _____ Tracking Number: _____</p> | | | | |
| <p><input checked="" type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | | |
| <p>Comments: Pipeline quality natural gas was the only fuel source burned during this semiannual reporting period No attachment.</p> | | | | |

| Emission unit Nos. | Parameters To Monitor | To Comply With | Monitoring Required | Monitoring Conditions |
|--|-----------------------------------|--|------------------------|-----------------------|
| C123, C124, C125, C126 and C127 | Maintenance and Repair Activities | Emission Limits specified in Table 3.2 | Maintenance and Repair | 3.4.2.2 |
| <p>3.4.2.2 Maintenance and Repair Monitoring (For Engines, Units C123, C124, C125, C126and C127): Maintenance and repair activities that involve adjustment, replacement, or repair of functional components with the potential to affect operation of an emission unit shall be documented as they occur for the following events:</p> <ul style="list-style-type: none"> a) Routine Maintenance that takes a unit out of service for more than two hours during any twenty-four hour period. b) Unscheduled repairs that require a unit to be taken out of service for more than two hours in any twenty-four hour period. <p>Reporting Requirement</p> <p>5.2.2 Maintenance and Repair Reporting (For Engines, Units C123, C124, C125, C126and C127): These reports shall include a summary of the activities in <u>section 4.2.2.</u></p> <p>4.2.2 Maintenance and Repair Activities Recordkeeping (For Engines, Units C123, C124, C125, C126 and C127): Records of maintenance and repair activities shall be maintained for the reciprocating engines. Records of maintenance and repair activities shall include identification of emission units and the work involved.</p> <p>4.2.2.1 The following items shall be recorded if they are performed as part of any operational check or as part of any maintenance or repair activity:</p> <ul style="list-style-type: none"> a) Air/Fuel Ratio Controller Settings b) Condition of Catalytic Converter Unit. Inspect and ensure the external physical integrity of the catalytic converter. | | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | | |
| <p><input type="checkbox"/> Yes Date report submitted: _____ Tracking Number: _____</p> | | | | |
| <p><input checked="" type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | | |
| <p>Comments: See attached report labeled 5.2.2 Maintenance and Repair Activities.</p> | | | | |

Attachment 1

Title V Permit P999 Maintenance and Repair Activity

Condition 5.2.2 Maintenance and Repair Reporting (For Engines, Units C123, C124, C125, C126 and C127): These reports shall include a summary of the activities in section 4.2.2.

Condition 4.2.2 Maintenance and Repair Activities Recordkeeping (For Engines, Units C123, C124, C125, C126 and C127): Records of maintenance and repair activities shall be maintained for the reciprocating engines. Records of maintenance and repair activities shall include identification of emission units and the work involved.

Insert Required Data

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|--|--|--|--|--|
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| Emission unit Nos. | Parameters To Monitor | To Comply With | Monitoring Required | Monitoring Conditions |
|--|---------------------------|--|-------------------------------------|-----------------------|
| C867, C868 | NO _x , CO, VOC | Emission Limits specified in Table 3.2, condition 3.3.2, and NSR 0412M3R1 Condition 11.3 | Periodic Emission Tests (Quarterly) | 3.4.2.3 |
| <p>3.4.2.3 Periodic Emissions Test Monitoring (For Engines, Units C867 and C868): The permittee shall test using a portable analyzer subject to the requirements and limitations of section 3.4.1, General Monitoring Requirements. For periodic testing NO_x and CO emissions tests shall be carried out as described below:</p> <ul style="list-style-type: none"> a) The monitoring period shall be a calendar quarter. b) Initial monitoring shall occur within the first monitoring period occurring after permit issuance. c) All subsequent monitoring shall occur in each succeeding monitoring period. No two monitoring events shall occur closer together in time than 25% of a monitoring period. d) Follow the portable analyzer requirements and test procedures in section 3.5. <p>Reporting Requirement</p> <p>5.2.3 Periodic Emissions Test Reporting (For Engines, Units C867 and C868): Test results shall be reported in accordance with the current version of the Department's Standard Operating Procedure for Content of Stack Test Reports. This condition was brought forward from NSR Permit 0412M3R1, Condition 11.3.</p> | | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | | |
| <p><input type="checkbox"/> Yes Date report submitted: Tracking Number:</p> | | | | |
| <p><input checked="" type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | | |
| <p>Comments: See attached report 5.2.3 Periodic Emissions Test Summary. As agreed by the Department Company ABC is submitting a summary of the portable analyzer quarter testing. Hard copies of all testing reports are kept on file at the Regional Office and will be provided to the Department upon request.</p> | | | | |

Attachment 2

Title V Permit P999

Periodic Emissions Testing Summary

Condition 5.2.3 Periodic Emissions Test Reporting (For Engines, Units C867 and C868): Test results shall be reported in accordance with the current version of the Department's Standard Operating Procedure for Content of Stack Test Reports. This condition was brought forward from NSR Permit 0412M3R1, Condition 11.3.

Insert Required Data

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|--|--|--|--|--|
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| Emission Unit No. | Parameters To Monitor | To Comply With | Monitoring Required |
|---|-----------------------|-------------------------------|--------------------------------------|
| 3245(Process Fugitives) | VOC | NSPS Subpart KKK, 40CFR60.632 | Per NSPS 40CFR60.632 Section 3.4.1.9 |
| <p>3.4.1.9 NSPS Subpart KKK Monitoring (Process Fugitives): The permittee shall comply with the monitoring requirements of NSPS, Subpart KKK, 40CFR60.632 for the process fugitive emissions.</p> <p>Reporting Requirement</p> <p>5.1.7 NSPS Subpart KKK Reporting (Process Fugitives): The permittee shall comply with the applicable reporting requirements of NSPS, Subpart KKK, 40CFR60.636 for process fugitives listed in section 3.4.1.</p> | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | |
| <p><input checked="" type="checkbox"/> Yes Date report submitted: 6/12/2008 Tracking Number: SBR20080002</p> | | | |
| <p><input type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | |
| <p>Comments:</p> | | | |

AI 9999 Sample Company (Activity# SBR20080002) - Message (HTML)

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Reply Reply to All Forward Print Attachments Delete Undo Redo Font Color Background Color

Text formatting icons: Bold, Italic, Underline, Bulleted List, Numbered List, Indent, Outdent, Decrease Indent, Increase Indent, Undo, Redo

From: aqb, reportsgroup, NMENV
To: Duran, Michael, NMENV
Cc:
Subject: AI 9999 Sample Company (Activity# SBR20080002)

AI 9999 Sample Company (Activity# SBR20080002)

Please be advised that your submittal concerning the following facility has been received.

Facility Name: Sample Company

Type of Submittal: NSPS CFR60 Subpart KKK

Receipt Date: 6/12/2008

Activity Bar # : SBR 20080002

The report has been submitted for review. You do not need to reply to this email. For questions concerning this matter, please contact reportsgroup.aqb@state.nm.us.

Air Quality Bureau
New Mexico Environment Department
1301 Siler, Building B
Santa Fe, NM 87507

SFA

| Emission unit Nos. | Parameters To Monitor | To Comply With | Monitoring Required | Monitoring Conditions |
|---|--|--------------------------------------|---|-----------------------|
| Amount of Inlet Gas | 12 month rolling total of pipeline gas entering the facility | Condition 3.a of NSR Permit 0389-M1, | Record amount of pipeline gas entering the facility monthly | 3.4.2.6 |
| <p>3.4.2.6 The permittee shall monitor and record the monthly rolling total of pipeline gas entering the facility. This condition is brought forward from NSR Permit 999-M1, Specific Condition 4a.</p> <p>Reporting Requirement</p> <p>5.2.6 The permittee shall report the annual rolling monthly total pipeline gas entering the facility based on the recordkeeping specified in Condition 4.2.6. The records shall be maintained onsite or at the nearest field office.</p> <p>4.2.6 Permittee shall maintain record of annual rolling monthly total of pipeline gas entering the facility.</p> | | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | | |
| <p><input type="checkbox"/> Yes Date report submitted: _____ Tracking Number: _____</p> | | | | |
| <p><input checked="" type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | | |
| <p>Comments: See attached report 5.2.6 Inlet Gas 12-month Rolling Total.</p> | | | | |

Attachment 3

Title V Permit P999

Inlet Gas 12-month Rolling Average

Condition 5.2.6 The permittee shall report the annual rolling monthly total pipeline gas entering the facility based on the recordkeeping specified in Condition 4.2.6. The records shall be maintained onsite or at the nearest field office.

Insert Required Data

| | | | | |
|--|--|--|--|--|
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| Emission Unit No. | Parameters To Monitor | To Comply With | Monitoring Required |
|--|-------------------------------|--|-----------------------------------|
| 20, 21, and 22 (Boilers) | NO _x , CO, and VOC | Emission Limits Specified in Section 3.2 | EPA Methods Test Section 3.4.1.10 |
| <p>3.4.1.10 EPA Methods Test: An EPA Methods test shall be performed on the heater/boilers with unit numbers 20, 21 and 22 within six (6) months of permit issuance, using EPA reference test methods in 40 CFR 60.</p> <p>Emission testing is required for NO_x and CO. Test results that demonstrate compliance with the NO_x and CO emission limits shall also be considered to demonstrate compliance with the VOC emission limits.</p> <p>Reporting Requirement</p> <p>5.1.9 EPA Methods Test (Boilers): The report of the initial or subsequent emission test shall summarize in tabular form for each test the CO and NO_x mass emission rates expressed in pounds per hour. The table shall include the average concentration of all relevant pollutant species, the gas flow rate, the stack gas temperature, the level of excess air, and the percent moisture.</p> | | | |
| <p>Has this reporting requirement been met during this reporting period with a separate report submittal? Answer Yes or No below.</p> | | | |
| <p><input checked="" type="checkbox"/> Yes Date report submitted: 7/1/2008 Tracking Number: CMT20080003</p> | | | |
| <p><input type="checkbox"/> No Provide comments and identify any supporting documentation as an attachment.</p> | | | |
| <p>Comments: Company ABC received approval for the test protocol on March 23, 2008. Testing was conducted on April 14, 2008. Test results were submitted to the Bureau on July 1, 2008.</p> | | | |

AI 9999 Sample Company (Activity# CMT20080002) - Message (HTML)

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From: aqb, reportsgroup, NMENV
To: Duran, Michael, NMENV
Cc:
Subject: AI 9999 Sample Company (Activity# CMT20080002)

AI 9999 Sample Company (Activity# CMT20080002)

Please be advised that your submittal concerning the following facility has been received.

Facility Name: Sample Company

Type of Submittal: Test Report Units 20, 21, and 22

Receipt Date: 7/1/2008

Activity Bar # : CMT 20080002

The report has been submitted for review. You do not need to reply to this email. For questions concerning this matter, please contact reportsgroup.aqb@state.nm.us.

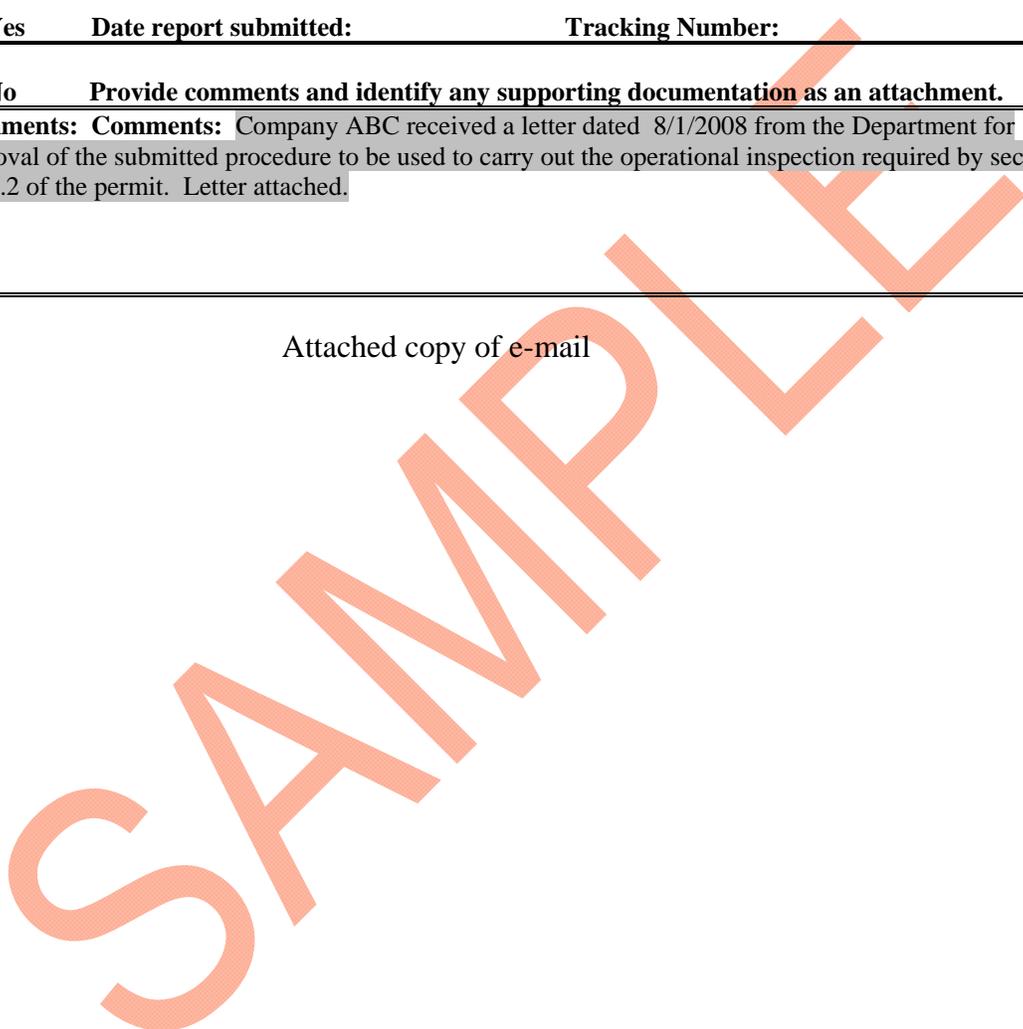
Air Quality Bureau
New Mexico Environment Department
1301 Siler, Building B
Santa Fe, NM 87507



OTHER REPORTING REQUIREMENTS:

| | | |
|---|---|-------------------------|
| Reporting Requirement | | |
| 5.1.6 Within ninety (90) days of permit issuance, the permittee shall submit for Department approval a procedure which the permittee will use to carry out the operational inspection required by section 3.3.1.2 of this permit. The permittee may at any time submit revisions for Department approval. | | |
| <input checked="" type="checkbox"/> Yes | Date report submitted: | Tracking Number: |
| <input type="checkbox"/> No | Provide comments and identify any supporting documentation as an attachment. | |
| Comments: Comments: Company ABC received a letter dated 8/1/2008 from the Department for approval of the submitted procedure to be used to carry out the operational inspection required by section 3.3.1.2 of the permit. Letter attached. | | |

Attached copy of e-mail



AI 9999 Sample Company (Activity# SBR20080001) - Message (HTML)

File Edit View Insert Format Tools Actions Help

Reply Reply to All Forward [Icons]

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From: aqb, reportsgroup, NMENV
To: Duran, Michael, NMENV
Cc:
Subject: AI 9999 Sample Company (Activity# SBR20080001)

AI 9999 Sample Company (Activity# SBR20080001)

Please be advised that your submittal concerning the following facility has been received.

Facility Name: Sample Company

Type of Submittal: Permit Requirement P999 Condition 5.1.6

Receipt Date: 6/11/2008

Activity Bar # : SBR 20080001

The report has been submitted for review. You do not need to reply to this email. For questions concerning this matter, please contact reportsgroup.aqb@state.nm.us.

Air Quality Bureau
New Mexico Environment Department
1301 Siler, Building B
Santa Fe, NM 87507

SAN

Part 2

Deviation Summary Report

1. Were any deviations reported to the Air Quality Bureau during this reporting period? If NO, answer question 2 below. If YES, complete the "Summary of Deviations Previously Reported" table below, then answer question 2.

Yes

No

SUMMARY OF DEVIATIONS PREVIOUSLY REPORTED

| Unit # and description | Date deviation reported | Tracking Number |
|---------------------------|-------------------------|-----------------|
| Unit #1 Clark HBA -6 | 11/24/2007 | SBR20070022 |
| Unit #2 Clark HBA -6 | 12/15/2007 | SBR20070023 |
| Unit #1 Clark HBA -6 | 12/16/2007 | SBR20070024 |
| Unit #11 Wickes Boiler 1 | 1/5/2008 | SBR20080001 |
| Unit #1 Clark HBA -6 | 2/14/2008 | SBR20080002 |
| Unit #1 Clark HBA -6 | 4/29/2008 | SBR20080003 |
| Unit #11 Wickes Boiler 4 | 4/29/2008 | SBR20080004 |
| Unit #11 Wickes Boiler 4 | 5/2/2008 | SBR20080005 |
| Unit #9 Solar Taurus T-70 | 5/11/2008 | SBR20080006 |

| | |
|---|---|
| 2. Are there any deviations not yet reported? If No, no further information is required on the Deviation Summary Report. If Yes, answer question 3 below and enter the required information in the Deviation Summary Table. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. Did any of the deviations result in excess emissions? For deviations resulting in excess emissions a completed Excess Emission Form for each deviation must be attached to this report. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Deviation Summary Table for deviations not yet reported.

| No | Applicable Requirement (Include Rule Citation) | Emission Unit ID(s) | Cause of Deviation | Corrective Action Taken |
|----|--|---------------------|--|---|
| 1 | 1.7 The permittee shall submit an emissions inventory for this facility annually. The emissions inventory shall be submitted by the later of April 1 or within 90 days after the Department makes such request. This condition is pursuant to 20.2.73 NMAC and 20.2.70.302.A.1 NMAC. | N/A | Recordkeeping error. | Facility submitted an emission inventory on May 1, 2006. |
| 2 | 3.1 Emission Limits: Allowable CO emission limit was exceeded when testing was performed on February 13, 2006 for Unit S-002. Additional requirements found in Table 3.1: Maximum Allowable Emission Rates in lb/hr and ton/y | S-002 | Compression loss in Unit S-002. A head gasket failure led a variety of problems, from compression loss (leading to power reduction and a rough engine), and exhaust gases being forced into the cooling system, leading to the engine overheating and increased engine wear. | Unit S-002 was run at less than 10% capacity and additional testing was performed on February 15, 2006. After additional testing was performed, Unit S-002 was removed from service for repair. |

Deviation Summary Table (cont.)

| No | Deviation Started Date | Time | Deviation Ended Date | Time | Pollutant | Monitoring Method | Amount of Emissions | Did you attach an excess emission form? |
|----|---------------------------|--------------|-------------------------|---------|-------------------------|-------------------|---------------------|---|
| 1 | 04/01/06 | N/A | 05/01/06 | N/A | N/A | N/A | N/A | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2 | 02-13-06 | ~11:35a m | 02/15/06 | ~3:30pm | Carbon Monoxide (CO) | Portable Analyzer | ~110lb | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

SAMPLE

EXCESS EMISSION FORM (20.2.7 NMAC)

TO BE USED FOR EMERGENCIES, FAILURES, DEVIATIONS AND MALFUNCTIONS

Note: This form with original signature must be submitted to the address above within 10 days of the 1st business day following the start of the deviation / emergency.

TRACKING NUMBER: _____

| | | |
|---|---|---|
| DATE OF SUBMISSION: JANUARY 10, 2007 | TIME OF SUBMISSION: AFTERNOON | COMPANY NAME: COMPANY XYZ |
| NAME OF INDIVIDUAL REPORTING WENDY ISBAD | TITLE: SENIOR ENV. SPECIALIST | PHONE: (505)-555-1212 |
| FACILITY: STATION XYZ | COUNTY: ANYCOUNTY | PERMIT NUMBER(S): P999R1M1 and NSR 8887 |
| FAILURE DATE: FEBRUARY 13, 2006 | CORRECTED DATE: FEBRUARY 15, 2006 | CORRECTED TIME: ~4:00PM |
| DESCRIPTION OF EQUIPMENT: Unit S-002, Inlet Turbine, Flare Unit FL-025, Inlet Flare | | |
| NATURE AND CAUSE: Compression loss in Unit S-002. A head gasket failure resulted in compression loss (leading to power reduction and a rough engine), and exhaust gases being forced into the cooling system, leading to the engine overheating and increased engine wear. The loss of unit S-002 resulted in flaring of excess gas at FL-025 until inlet flows could be reduced enough to eliminate flaring. Unit had been inspected six months earlier in accordance with manufacturer's recommendations and there was no indication of any excessive wear or imminent failure. Head gasket had been replaced in 2005 and was not due for replacement again until 2010. An investigation into the cause indicated that the engine had been operating at RPMs higher than the manufacturer's recommendation for the past year. Operators had been mistakenly using an operating manual for a different model. | | |
| CORRECTIVE MEASURES: Unit S-002 was removed from service and the appropriate gaskets were replaced. Crews were placed on overtime and worked around the clock to repair the unit. The unit was returned to service in 48 hours. Emissions were minimized by diverting inlet flows to other facilities to ultimately eliminate flaring. It takes a minimum of 24 hours to implement the required procedures to divert enough gas. A new procedure has been implemented to require plant supervisor oversight to insure that the correct operating manual is in use for the appropriate unit. | | |
| DURATION OF EXCESS EMISSIONS (HOURS) NO _x : 24 CO: 24 SO ₂ : 24 PM: OTHER: | | |
| ESTIMATED EMISSIONS (LBS) NO _x : 568 CO: 1567 SO ₂ : 17,234 PM: OTHER: | | |
| After reasonable inquiry, I certify this report as true, accurate and complete. SIGNATURE OF PERSON RESPONSIBLE FOR TITLE V: | TITLE: PRESIDENT OF OPERATIONS | BASIS OF ESTIMATE ___ COMPLIANCE TESTING ___ CONTINUOUS EMISSION MONITOR <u> X </u> CALCULATION ___ OPERATING LOGS |
| SIGNATURE OF REPORTING PERSON: | TITLE: SENIOR ENV. SPECIALIST | |