



**Colorado Department
of Public Health
and Environment**

OPERATING PERMIT

AMOCO - TIFFANY COMPRESSOR STATION

ISSUED 8/1/97

AIR POLLUTION CONTROL DIVISION COLORADO OPERATING PERMIT

FACILITY NAME: Tiffany Compressor Station
OPERATING PERMIT NUMBER
95OPLP063

FACILITY ID: 0670035
ISSUE DATE: August 1, 1997
EXPIRATION DATE: August 1, 2002
MODIFICATIONS: See Appendix F of Permit

Issued in accordance with the provisions of Colorado Air Quality Pollution Prevention and Control Act, 25-7-101 et seq. (1989 & 1995 Supp.) and applicable rules and regulations.

ISSUED TO: Amoco Production Company
1670 Broadway
Denver, CO 80201

PLANT SITE LOCATION:
NW¹/₄ SW¹/₄, Section 31, T33N, R6W
La Plata County

INFORMATION RELIED UPON

Operating Permit Application Received: 2/1/95
And Additional Information Received: 5/9/95, 8/3/95

Nature of Business: Natural Gas Gathering and Compression
Primary SIC: 4922

RESPONSIBLE OFFICIAL

Name: Peter N. Jordon
Title: Vice President

Phone: (303) 830-4040

FACILITY CONTACT PERSON

Name: David R. Brown
Title: Environmental Coordinator

Phone: (303) 830-5101

SUBMITTAL DEADLINES

Semi-Annual Monitoring Period: August through January, February through July
Semi-Annual Monitoring Report: March 1, 1998 & September 1, 1998 and subsequent years
Annual Compliance Period: Begins August 1 through July 31
Annual Compliance Certification: September 1, 1998 and subsequent years

TABLE OF CONTENTS

SECTION I - General Activities and Summary

Permitted Activities	1
Alternative Operating Scenarios	1
Summary of Emission Units	2

SECTION II - Specific Permit Terms

P001 - AJAX DPC-800, 690	3
P002 - AJAX DPC-360, 310	5

SECTION III - Permit Shield

Specific Conditions	7
General Conditions	7

SECTION IV - General Permit Conditions

Administrative Changes	9
Certification Requirements	9
Compliance Requirements	9
Emergency Provisions	10
Emission Standards for Asbestos	11
Emissions Trading, Marketable Permits, Economic Incentives	11
Fee Payment	11
Fugitive Particulate Emissions	12
Inspection and Entry	12
Minor Permit Modifications	12
New Source Review	12
No Property Rights Conveyed	12
Odor	13
Off-Permit Changes to the Source	13
Opacity	13
Open Burning	13
Ozone Depleting Compounds	13
Permit Expiration and Renewal	13
Portable Sources	14
Prompt Deviation Reporting	14
Record Keeping and Reporting Requirements	14
Reopenings for Cause	15
Section 502(b)(10) Changes	16
Severability Clause	16
Significant Permit Modifications	16
Special Provisions Concerning the Acid Rain Program	16
Transfer or Assignment of Ownership	16

TABLE OF CONTENTS

Volatile Organic Compounds	16
Wood Stoves and Wood burning Appliances	17
APPENDIX A - Inspection Information	
Directions to Plant	1
Safety Equipment Required	1
Facility Plot Plan	1
List of Insignificant Activities	1
APPENDIX B	
Format for Compliance Monitoring Report - Part I	1
Format for Compliance Monitoring Report - Part II	3
Format for Compliance Monitoring Report - Part III	4
APPENDIX C	
Format for Annual Compliance Certification Reports	1
APPENDIX D	
Notification Addresses	2
APPENDIX E	
Permit Acronyms	1
APPENDIX F	
Permit Modifications	1

SECTION I - General Activities and Summary

1. Permitted Activities

- 1.1. The Tiffany Compressor Station is a natural gas compression plant designed to pressurize incoming gas to specification for transmission to sales pipelines. This facility consists of two internal combustion engines each powering a natural gas compressor. A triethylene glycol dehydrator also exists on site but the unit is considered an insignificant activity.

The facility is located in a rural area north of the town of Tiffany, Colorado in La Plata county. The area in which the plant operates is designated as attainment for all criteria pollutants.

The state of New Mexico is located within a 50 mile radius of this facility. Mesa Verde National Park and the Weminuche National Wilderness Area are Federal Class I designated areas located within 100 kilometers of the plant. This facility is located on fee lands within the exterior boundaries of the Southern Ute Indian Reservation.

- 1.2. Until such time as this permit expires or is modified or revoked, the permittee is allowed to discharge air pollutants from this facility in accordance with the requirements, limitations, and conditions of this permit.
- 1.3. This operating permit replaces Colorado Construction Permits 88LP048-6 and 89LP132.
- 1.4. This permit is being issued under color of Colorado State law only. All conditions in this permit are enforceable by the Colorado Air Pollution Control Division (hereinafter Division) and its agents, unless otherwise specified. All information gathered pursuant to the requirements of this permit is subject to the Recordkeeping and Reporting requirements listed under Condition 21 of the General Conditions in Section IV of this permit.
- 1.5. The following Operating Permits are associated with this facility for purposes of determining applicability of Prevention of Significant Deterioration regulations: None

2. Alternative Operating Scenarios

- 2.1. The permittee shall be allowed to make the following changes to its method of operation without applying for a revision of this permit.
- 2.1.1. No alternative operating scenarios have been specified.

3. **Summary of Emission Units**

3.1 The emissions units regulated by this permit are the following:

Emission Unit Number	AIRS Stack Number	Facility Identifier	Description	Pollution Control Device
P001	002	S001	AJAX, Model DPC-800, S/N: 82576, natural gas fired, 2 cycle, standard lean burn internal combustion engine (ICE) site-rated at 690 horsepower and 5.7 mmBtu/hr maximum design fuel rate.	None
P002	001	S002	AJAX, Model DPC-360, S/N: 80754, natural gas fired, 2 cycle, standard lean burn internal combustion engine (ICE) site-rated at 310 horsepower and 2.8 mmBtu/hr maximum design fuel rate.	None

SECTION II - Specific Permit Terms

1. **P001 - AJAX DPC-800, 690 HP Internal Combustion Engine**

Parameter	Permit Condition	Limitations		Compliance Emission Factor	Monitoring	
		Short Term	Long Term		Method	Interval
NOx	1.1.	24.34 lbs/hr	106.6 TPY	4.27 lb/MMBtu (based on 16.0 g/hp-hr)	Recordkeeping and Calculation	Monthly
CO		4.41 lbs/hr	19.3 TPY	0.77 lb/MMBtu (based on 2.9 g/hp-hr)		
VOC		2.28 lbs/hr	10.0 TPY	0.40 lb/MMBtu (based on 1.5 g/hp-hr)		
Fuel Use	1.2.	6,621 Scf/hr	58.0 mmScf/yr	N/A	Fuel Meter	Monthly
Opacity	1.3.	Less than or equal to 20%		N/A	Fuel Restriction	Annual Certification
Btu Content	1.4.	N/A			EPA Methods	Semi-Annually

1.1. Nitrogen Oxide, Carbon Monoxide and Volatile Organic Compound emissions shall not exceed the limitations stated above (Construction Permit 88LP048-6). Monthly emissions of each pollutant shall be calculated using the fuel-based emission factors in the following equation:

$$\text{lb/month} = (\text{EF}) \times (\text{Btu content, Btu/scf}) \times (\text{Fuel Use, MMscf/month})$$

Emissions shall be calculated by the fifth (5th) day of each subsequent month. A twelve-month rolling total of emissions shall be maintained for demonstration of compliance with annual

limitations. Each month a new twelve month total shall be calculated using the previous twelve months data.

Compliance with the hourly emission limit for each pollutant shall be demonstrated by dividing the monthly calculated emissions by the number of hours of operation in the previous month to obtain an hourly average.

- 1.2. Fuel consumption shall not exceed the limitations stated above (Construction Permit 88LP048-6). Fuel use shall be measured and recorded on the first day of each month. A twelve-month rolling total shall be maintained for demonstration of compliance with the annual limitations. Each month a new twelve month total shall be calculated using the previous twelve months data.

Hourly average fuel use shall be determined by dividing the monthly total by the number of hours of operation in the previous month. This value shall be compared to the hourly limit for determination of compliance on a short-term basis.

- 1.3. Opacity of emissions from this engine shall not exceed 20% (Colorado Regulation No. 1, Section II.A.1). Pipeline quality natural gas shall be used as fuel to ensure compliance with the opacity standard. The Annual Compliance Certification shall include a statement as to the continued use of pipeline quality gas.
- 1.4. The Btu content of the natural gas used to fuel these engines shall be verified semi-annually in accordance with ASTM Analysis Method D1826-77 or equivalent. The Btu content of the natural gas shall be based on the lowest gross heating value of the fuel. Calculations of monthly emissions required under Condition 1.1 shall be made using the Btu content derived from the most recent required analysis.
- 1.5. This engine shall be operated and maintained in accordance with manufacturer's recommendations at all times, including periods of start-up, shutdown, and malfunction.

2. **P002 - AJAX DPC-360, 310 HP Internal Combustion Engine**

Parameter	Permit Condition	Limitations		Compliance Emission Factor	Monitoring	
		Short Term	Long Term		Method	Interval
NOx	2.1.	6.83 lbs/hr	30.0 TPY	2.44 lb/MMBtu (based on 10.0 g/hp-hr)	Recordkeeping and Calculation	Monthly
CO		1.16 lbs/hr	5.1 TPY	0.41 lb/MMBtu (based on 1.7 g/hp-hr)		
VOC		1.03 lbs/hr	4.5 TPY	0.37 lb/MMBtu (based on 1.5 g/hp-hr)		
Fuel Use	2.2.	2,980 Scf/hr	26.1 mmScf/yr	N/A	Fuel Meter	Monthly
Opacity	2.3.	Less than or equal to 20%		N/A	Fuel Restriction	Annual Certification
Btu Content	2.4.	N/A			EPA Methods	Semi-Annually

2.1. Nitrogen Oxide, Carbon Monoxide and Volatile Organic Compound emissions shall not exceed the limitations stated above (Construction Permit 89LP132). Monthly emissions of each pollutant shall be calculated using the fuel-based emission factors in the following equation:

$$\text{lb/month} = (\text{EF}) \times (\text{Btu content, Btu/scf}) \times (\text{Fuel Use, MMscf/month})$$

Emissions shall be calculated by the fifth (5th) day of each subsequent month. A twelve-month rolling total of emissions shall be maintained for demonstration of compliance with annual limitations. Each month a new twelve month total shall be calculated using the previous twelve months data.

Compliance with the hourly emission limit for each pollutant shall be demonstrated by dividing the monthly calculated emissions by the number of hours of operation in the previous month to obtain an hourly average.

- 2.2. Fuel consumption shall not exceed the limitations stated above (Construction Permit 89LP132). Fuel use shall be measured and recorded on the first day of each month. A twelve-month rolling total shall be maintained for demonstration of compliance with annual limitations. Each month a new twelve month total shall be calculated using the previous twelve months data.

Hourly average fuel use shall be determined by dividing the monthly total by the number of hours of operation in the previous month. This value shall be compared to the hourly limit for determination of compliance on a short-term basis.

- 2.3. Opacity of emissions from this engine shall not exceed 20% (Colorado Regulation No. 1, Section II.A.1). Pipeline quality natural gas shall be used as fuel to ensure compliance with the opacity standard. The Annual Compliance Certification shall include a statement as to the continued use of pipeline quality gas.
- 2.4. The Btu content of the natural gas used to fuel these engines shall be verified semi-annually in accordance with ASTM Analysis Method D1826-77 or equivalent. The Btu content of the natural gas shall be based on the lowest gross heating value of the fuel. Calculations of monthly emissions required under Condition 2.1 shall be made using the Btu content derived from the most recent required analysis.
- 2.5. This engine shall be operated and maintained in accordance with manufacturer's recommendations at all times, including periods of start-up, shutdown, and malfunction.

SECTION III - Permit Shield

Regulation No. 3, 5 CCR 1001-5, Part A, § I.B.43; Part C, §§ V.C.1.b. & D., XIII; §§ 25-7-111(2)(I), 25-7-114.4(3)(a), C.R.S.

1. Specific Conditions

The following parameters and requirements have been specifically identified as non-applicable to the facility to which this permit has been issued:

Emission Unit Description & Number	Permit Condition Number	Applicable Requirement	Justification
S012, S013, S014 Water Storage Tanks, 300 bbl each	N/A	Subpart Kb adopted by reference in Colorado Regulation No. 6, Part A	This subpart regulates the storage of volatile organic liquids in tanks greater than 40 m ³ in size. These tanks at the Tiffany Station do not store volatile organic liquids.
S015 Lubricating Oil Storage Tank	N/A	Subpart Kb adopted by reference in Colorado Regulation No. 6, Part A	This subpart regulates the storage of petroleum liquid in tanks greater than 40 m ³ in size. This tank at the Tiffany Station is less than 40 m ³ in size.

2. General Conditions

Compliance with this Operating Permit shall be deemed compliance with all applicable requirements specifically identified in the permit and other requirements specifically identified in the permit as not applicable to the source. This permit shield shall not alter or affect the following:

- 2.1. The provisions of §§ 25-7-112 and 25-7-113, C.R.S., concerning enforcement in cases of emergency;
- 2.2. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

- 2.3. The applicable requirements of Colorado Regulation No. 18;
- 2.4. The ability of the Air Pollution Control Division to obtain information from a source pursuant to § 25-7-111(2)(I), C.R.S.;
- 2.5. The ability of the Air Pollution Control Division to reopen the Operating Permit for cause pursuant to Regulation No. 3, Part C, § XIII.
- 2.6. Sources are not shielded from terms and conditions that become applicable to the source subsequent to permit issuance.

SECTION IV - General Permit Conditions

1. Administrative Changes

Regulation No. 3, 5 CCR 1001-5, Part A, § III.

The permittee shall submit an application for an administrative permit amendment to the Division for those permit changes that are described in Regulation No. 3, Part A, § I.B.36.a. The permittee may immediately make the change upon submission of the application to the Division.

2. Certification Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §§ III.B.9., V.C.16.a.&e. and V.C.17.

- a. Any application, report, document and compliance certification submitted to the Air Pollution Control Division pursuant to Regulation No. 3 or the Operating Permit shall contain a certification by a responsible official of the truth, accuracy and completeness of such form, report or certification stating that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
- b. All compliance certifications for terms and conditions in the Operating Permit shall be submitted to the Air Pollution Control Division at least annually unless a more frequent period is specified in the applicable requirement or by the Division in the Operating Permit.
- c. Compliance certifications shall contain:
 - (I) the identification of each permit term and condition that is the basis of the certification;
 - (ii) the compliance status of the source;
 - (iii) whether compliance was continuous or intermittent;
 - (iv) the method(s) used for determining the compliance status of the source, currently and over the reporting period; and
 - (v) such other facts as the Air Pollution Control Division may require to determine the compliance status of the source.
- d. All compliance certifications shall be submitted to the Air Pollution Control Division at the address listed in Appendix D of this Permit.
- e. If the permittee is required to develop and register a risk management plan pursuant to § 112(r) of the federal act, the permittee shall certify its compliance with that requirement; the Operating Permit shall not incorporate the contents of the risk management plan as a permit term or condition.

3. Compliance Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §§ III.C.9., V.C.11. & 16.d., § 25-7-122.1(2), C.R.S.

- a. The permittee must comply with all conditions of the Operating Permit. Any permit noncompliance relating to federally-enforceable terms or conditions constitutes a violation of the federal act, as well as the state act and Regulation No. 3. Any permit noncompliance relating to state-only terms or conditions constitutes a violation of the state act and Regulation No. 3, shall be enforceable pursuant to state law, and shall not be enforceable by citizens under § 304 of the federal act. Any such violation of the federal act, the state act or regulations implementing either statute is grounds for enforcement action, for permit termination, revocation and reissuance or modification or for denial of a permit renewal application.
- b. It shall not be a defense for a permittee in an enforcement action or a consideration in favor of a permittee in a permit termination, revocation or modification action or action denying a permit renewal application that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- c. The permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of any request by the permittee for a permit modification, revocation and reissuance, or termination, or any notification of planned changes or anticipated noncompliance does not stay any permit condition, except as provided in §§ X. and XI. of Regulation No. 3, Part C.
- d. The permittee shall furnish to the Air Pollution Control Division, within a reasonable time as specified by the Division, any information that the Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Division copies of records required to be kept by the permittee, including information claimed to be confidential. Any information subject to a claim of confidentiality shall be specifically identified and submitted separately from information not subject to the claim.
- e. Any schedule for compliance for applicable requirements with which the source is not in compliance at the time of permit issuance shall be supplemental, and shall not sanction noncompliance with, the applicable requirements on which it is based.
- f. For any compliance schedule for applicable requirements with which the source is not in compliance at the time of permit issuance, the permittee shall submit, at least every 6 months unless a more frequent period is specified in the applicable requirement or by the Air Pollution Control Division, progress reports which contain the following:
 - (I) dates for achieving the activities, milestones, or compliance required in the schedule for compliance, and dates when such activities, milestones, or compliance were achieved; and
 - (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- g. The permittee shall not knowingly falsify, tamper with, or render inaccurate any monitoring device or method required to be maintained or followed under the terms and conditions of the Operating Permit.

4. **Emergency Provisions**

Regulation No. 3, 5 CCR 1001-5, Part C, § VII.

An emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed the technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. "Emergency" does not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. An emergency constitutes an affirmative defense to an enforcement action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- a. an emergency occurred and that the permittee can identify the cause(s) of the emergency;
- b. the permitted facility was at the time being properly operated;
- c. during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- d. the permittee submitted oral notice of the emergency to the Air Pollution Control Division no later than noon of the next working day following the emergency, and followed by written notice within one month of the time when emissions limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

This emergency provision is in addition to any emergency or upset provision contained in any applicable requirement.

5. **Emission Standards for Asbestos**

Regulation No. 8, 5 CCR 1001-10, Part B

The permittee shall not conduct any asbestos abatement activities except in accordance with the provisions of Regulation No. 8, Part B, "emission standards for asbestos."

6. **Emissions Trading, Marketable Permits, Economic Incentives**

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.13.

No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are specifically provided for in the permit.

7. **Fee Payment**

Regulation No. 3, 5 CCR 1001-5, Part A, § VI.; Part C, § V.C.12.

- a. The permittee shall pay an annual emissions fee in accordance with Regulation No. 3, Part A, Section VI. A 1% per month late payment fee shall be assessed against any invoice amounts not paid in full on the 91st day after the date of invoice, unless a permittee has filed a timely protest to the invoice amount.

- b. The permittee shall pay a permit processing fee of \$50 per hour. If the Division estimates that processing of the permit will take more than 30 hours, it will notify the permittee of its estimate of what the actual charges may be prior to commencing any work exceeding the 30 hour limit.
- c. The permittee shall pay an APEN fee of \$100 for each APEN or revised APEN filed.

8. **Fugitive Particulate Emissions**

Regulation No. 1, 5 CCR 1001-3, § III.D.1.

The permittee shall employ such control measures and operating procedures as are necessary to minimize fugitive particulate emissions into the atmosphere, in accordance with the provisions of Regulation No. 1, § III.D.1.

9. **Inspection and Entry**

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.16.b.

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Air Pollution Control Division, or any authorized representative, to perform the following:

- a. enter upon the permittee's premises where an Operating Permit source is located, or emissions-related activity is conducted, or where records must be kept under the terms of the permit;
- b. have access to, and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- c. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the Operating Permit;
- d. sample or monitor at reasonable times, for the purposes of assuring compliance with the Operating Permit or applicable requirements, any substances or parameters.

10. **Minor Permit Modifications**

Regulation No. 3, 5 CCR 1001-5, Part C, §§ X. & XI.

The permittee shall submit an application for a minor permit modification before making the change requested in the application. The permit shield shall not extend to minor permit modifications.

11. **New Source Review**

Regulation No. 3, 5 CCR 1001-5, Part B

The permittee shall not commence construction or modification of a source required to be reviewed under the New Source Review provisions of Regulation No. 3, Part B, without first receiving a construction permit.

12. **No Property Rights Conveyed**

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.11.d.

This permit does not convey any property rights of any sort, or any exclusive privilege.

13. **Odor**

Regulation No. 2, 5 CCR 1001-3

As a matter of state law only, the permittee shall comply with the provisions of Regulation No. 2 concerning odorous emissions.

14. **Off-Permit Changes to the Source**

Regulation No. 3, 5 CCR 1001-5, Part C, § XII.B.

The permittee shall record any off-permit change to the source that causes the emissions of a regulated pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from the change, including any other data necessary to show compliance with applicable ambient air quality standards. The permittee shall provide contemporaneous notification to the Air Pollution Control Division at the address listed in Appendix D of this Permit . The permit shield shall not apply to any off-permit change.

15. **Opacity**

Regulation No. 1, 5 CCR 1001-3, §§ I., II.

The permittee shall comply with the opacity emissions limitation set forth in Regulation No. 1, §§ I-II.

16. **Open Burning**

Regulation No. 1, 5 CCR 1001-3, §§ II.C.1.

The permittee shall obtain a permit from the Division for any regulated open burning activities in accordance with provisions of Regulation No. 1, §§ II.C.1.

17. **Ozone Depleting Compounds**

Regulation No. 15, 5 CCR 1001-17

As a matter of state law only, the permittee shall comply with the provisions of Regulation No. 15 concerning emissions of ozone depleting compounds.

18. **Permit Expiration and Renewal**

Regulation No. 3, 5 CCR 1001-5, Part C, §§ III.B.6., IV.C., V.C.2.

- a. The permit term shall be five (5) years. The permit shall expire at the end of its term. Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application is submitted.
- b. Applications for renewal shall be submitted at least twelve months, but not more than 18 months, prior to the expiration of the Operating Permit. An application for permit renewal may address only those portions of the permit that require revision, supplementing, or deletion, incorporating the remaining permit terms by reference from the previous permit. A copy of any materials incorporated by reference must be included with the application.

19. **Portable Sources**

Regulation No. 3, 5 CCR 1001-5, Part C, § II.D.

Portable Source permittees shall notify the Air Pollution Control Division at least 10 days in advance of each change in location.

20. **Prompt Deviation Reporting**

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.7.b.

The permittee shall promptly report any deviation from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. Unless required by a permit term or condition to report deviations on a more frequent basis, "prompt" reporting shall entail submission of reports of deviations from permit requirements every six (6) months in accordance with paragraph 21.d. below. "Prompt reporting" does not constitute an exception to the requirements of "Emergency Provisions" for the purpose of avoiding enforcement actions.

21. **Record Keeping and Reporting Requirements**

Regulation No. 3, 5 CCR 1001-5, Part A, § II.; Part C, §§ V.C.6., V.C.7.

- a. Unless otherwise provided in the source specific conditions of this Operating Permit, the permittee shall maintain compliance monitoring records that include the following information:
 - (I) date, place as defined in the Operating Permit, and time of sampling or measurements;
 - (ii) date(s) on which analyses were performed;
 - (iii) the company or entity that performed the analysis;
 - (iv) the analytical techniques or methods used;
 - (v) the results of such analysis; and
 - (vi) the operating conditions at the time of sampling or measurement.

- b. The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application. Support information, for this purpose, includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the Operating Permit. With prior approval of the Air Pollution Control Division, the permittee may maintain any of the above records in a computerized form.
- c. Permittees must retain records of all required monitoring data and support information for the most recent twelve (12) month period, as well as compliance certifications for the past five (5) years on-site at all times. A permittee shall make available for the Air Pollution Control Division's review all other records of required monitoring data and support information required to be retained by the permittee upon 48 hours advance notice by the Division.
- d. The permittee shall submit to the Air Pollution Control Division all reports of any required monitoring at least every six (6) months, unless an applicable requirement, the enhanced monitoring rule, or the Division requires submission on a more frequent basis. All instances of deviations from any permit requirements must be clearly identified in such reports.
- e. The permittee shall file an Air Pollutant Emissions Notice ("APEN") prior to constructing, modifying, or altering any facility, process, activity which constitutes a stationary source from which air pollutants are or are to be emitted, unless such source is exempt from the APEN filing requirements of Regulation No. 3, Part A, § II.D. A revised APEN shall be filed annually whenever a significant change in emissions, as defined in Regulation No. 3, Part A, § II.C.2., occurs; whenever there is a change in owner or operator of any facility, process, or activity; whenever new control equipment is installed; whenever a different type of control equipment replaces an existing type of control equipment; whenever a permit limitation must be modified; or before the APEN expires. An APEN is valid for a period of five years. The five-year period recommences when a revised APEN is received by the Air Pollution Control Division. Revised APENs shall be submitted no later than 30 days before the five-year term expires. Permittees submitting revised APENs to inform the Division of a change in actual emission rates must do so by April 30 of the following year. Where a permit revision is required, the revised APEN must be filed along with a request for permit revision. APENs for changes in control equipment must be submitted before the change occurs. Annual fees are based on the most recent APEN on file with the Division.

22. **Reopenings for Cause**

Regulation No. 3, 5 CCR 1001-5, Part C, § XIII.

- a. The Air Pollution Control Division shall reopen, revise, and reissue Operating Permits; permit reopenings and reissuance shall be processed using the procedures set forth in Regulation No. 3, Part C, § III., except that proceedings to reopen and reissue permits affect only those parts of the permit for which cause to reopen exists.
- b. The Division shall reopen a permit whenever additional applicable requirements become applicable to a major source with a remaining permit term of three or more years, unless the effective date of the requirements is later than the date on which the permit expires, or unless a general permit is obtained to address the new requirements; whenever additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program; whenever the Division determines the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or whenever the Division determines that the permit must be revised or revoked to assure compliance with an applicable requirement.

- c. The Division shall provide 30 days' advance notice to the permittee of its intent to reopen the permit, except that a shorter notice may be provided in the case of an emergency.
- d. The permit shield shall extend to those parts of the permit that have been changed pursuant to the reopening and reissuance procedure.

23. **Section 502(b)(10) Changes**

Regulation No. 3, 5 CCR 1001-5, Part C, § XII.A.

The permittee shall provide a minimum 7-day advance notification to the Air Pollution Control Division at the address listed in Appendix D of this Permit. The permittee shall attach a copy of each such notice given to its Operating Permit.

24. **Severability Clause**

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.10.

In the event of a challenge to any portion of the permit, all emissions limits, specific and general conditions, monitoring, record keeping and reporting requirements of the permit, except those being challenged, remain valid and enforceable.

25. **Significant Permit Modifications**

1001-5, Part C, §III.B.2.

The permittee shall not make a significant modification required to be reviewed under Regulation No. 3, Part B ("Construction Permit" requirements) without first receiving a construction permit. The permittee shall submit a complete Operating Permit application or application for an Operating Permit revision for any new or modified source within twelve months of commencing operation, to the address listed in Item 1 in Appendix D of this permit. If the permittee chooses to use the "Combined Construction/Operating Permit" application procedures of Regulation No. 3, Part C, then the Operating Permit must be received prior to commencing construction of the new or modified source.

26. **Special Provisions Concerning the Acid Rain Program**

Regulation No. 3, 5 CCR 1001-5, Part C, §§ V.C.1.b. & 8

- a. Emissions exceeding any allowances that the source lawfully holds under Colorado Regulation No. 18 are expressly prohibited.

27. **Transfer or Assignment of Ownership**

Regulation No. 3, 5 CCR 1001-5, Part C, § II.C.

No transfer or assignment of ownership of the Operating Permit source will be effective unless the prospective owner or operator applies to the Air Pollution Control Division on Division-supplied Administrative Permit Amendment forms, for

reissuance of the existing Operating Permit. No administrative permit shall be complete until a written agreement containing a specific date for transfer of permit, responsibility, coverage, and liability between the permittee and the prospective owner or operator has been submitted to the Division.

28. **Volatile Organic Compounds**

Regulation No. 7, 5 CCR 1001-9, §§ III & V.

- a. For sources located in an ozone non-attainment area or the Denver Metro Attainment Maintenance Area, all storage tank gauging devices, anti-rotation devices, accesses, seals, hatches, roof drainage systems, support structures, and pressure relief valves shall be maintained and operated to prevent detectable vapor loss except when opened, actuated, or used for necessary and proper activities (e.g. maintenance). Such opening, actuation, or use shall be limited so as to minimize vapor loss.

Detectable vapor loss shall be determined visually, by touch, by presence of odor, or using a portable hydrocarbon analyzer. When an analyzer is used, detectable vapor loss means a VOC concentration exceeding 10,000 ppm. Testing shall be conducted as in Regulation No. 7, Section III.C.3.

Except when otherwise provided by Regulation No. 7, all volatile organic compounds, excluding petroleum liquids, transferred to any tank, container, or vehicle compartment with a capacity exceeding 212 liters (56 gallons), shall be transferred using submerged or bottom filling equipment. For top loading, the fill tube shall reach within six inches of the bottom of the tank compartment. For bottom-fill operations, the inlet shall be flush with the tank bottom.

- b. The permittee shall not dispose of volatile organic compounds by evaporation or spillage unless Reasonably Available Control Technology (RACT) is utilized.

29. **Wood Stoves and Wood burning Appliances**

Regulation No. 4, 5 CCR 1001-6

The permittee shall comply with the provisions of Regulation No. 4 concerning the advertisement, sale, installation, and use of wood stoves and wood burning appliances.

OPERATING PERMIT APPENDICES

- A - INSPECTION INFORMATION
- B - COMPLIANCE MONITORING REPORT FORMAT
- C - COMPLIANCE CERTIFICATION REPORT FORMAT
- D - NOTIFICATION ADDRESSES
- E - PERMIT ACRONYMS
- F - PERMIT MODIFICATIONS

***DISCLAIMER:**

None of the information found in these Appendices shall be considered to be State or Federally enforceable and is presented to assist the source, permitting authority, inspectors, and citizens.

APPENDIX A - Inspection Information

1. **Directions to Plant:** The facility is located in the NW¼ of the SW¼ of Section 31, T33N, R6W. The plant is situated to the west of Highway 151, approximately 2 miles north of Tiffany, Colorado in La Plata County.
2. **Safety Equipment Required:**
 - Eye Protection
 - Hard Hat
 - Safety Shoes
 - Hearing Protection
 - Gloves
3. **Facility Plot Plan:**

Figure 1 shows the plot plan as submitted on May 9, 1995 with the source's Operating Permit Application.
4. **List of Insignificant Activities:**

The following list of insignificant activities was provided by the source to assist in the understanding of the facility layout. Since there is no requirement to update such a list, activities may have changed since the last filing.

Tanks

Lube Oil Storage Tank
Water Tank
Water Storage Tanks (3, 12,600 gallons each)

Heaters

Storage Tank Heaters (3)
Separator Heater
Slug Catcher/Separator Heater
TEG Dehydration Heater

Miscellaneous

Pump Jack Engine (ICE, 40 HP)
P-001 Blowdown
P-002 Blowdown
Fugitive Emissions
TEG Dehydrator

APPENDIX B

Format for Compliance Monitoring Report - Part I

1. Following is the format for compliance monitoring reports to be submitted to the Division on a semi-annual basis. The Table below must be completed for all equipment or processes for which specific Operating Permit terms exist.
2. Part II of this Appendix B shows the format and information the Division will require for describing periods of non-compliance, monitor/meter down time, or upset conditions as indicated in the Table below. One Form must be completed for each Operating Permit Unit ID, as warranted.

FACILITY NAME: **Amoco Production Company - Tiffany Compressor Station**

OPERATING PERMIT NO: **95OPLP063**

REPORTING PERIOD: _____

Operating Permit Unit ID	Unit Description	Compliance Status During Period ¹		Monitor/Meter Down Time ²		Upset Condition Reported During Period	
		IN	OUT	YES	NO	YES	NO
P001	AJAX, Model DPC-800, S/N: 82576, natural gas fired, 2 cycle, standard lean burn internal combustion engine (ICE) site-rated at 690 horsepower and 5.7 mmBtu/hr maximum design fuel rate.						
P002	AJAX, Model DPC-360, S/N: 80754, natural gas fired, 2 cycle, standard lean burn internal combustion engine (ICE) site-rated at 310 horsepower and 2.8 mmBtu/hr maximum design fuel rate.						
	Insignificant Activities ³						

¹ Compliance status should be marked as "OUT" if the source was not in compliance with a term of the Operating Permit at any time during the reporting period

²This includes any Continuous Emission Monitor (CEM), Meter or Gauge used to record data necessary for determination of Compliance with a term of the Operating Permit

³ Compliance status for these sources shall be based on a reasonable inquiry using readily available information

Format for Compliance Monitoring Report - Part II

FACILITY NAME: **Amoco Production Company - Tiffany Compressor Station**
OPERATING PERMIT NO: **95OPLP063**
REPORTING PERIOD: _____

OPERATING PERMIT UNIT IDENTIFICATION:

Operating Permit Condition Number Citation

Explanation of Period of Non-Compliance

Duration

Action Taken to Correct the Problem

Measures Taken to Prevent a Reoccurrence of the Problem

Dates of Upsets Reported

Dates of Monitor, Meter Down Time/Steps Taken to Repair

SEE EXAMPLE ON THE NEXT PAGE

Format for Compliance Monitoring Report

EXAMPLE

OPERATING PERMIT NO: 96OPZZXXX
REPORTING PERIOD: 1/1/96 - 6/30/96

OPERATING PERMIT UNIT IDENTIFICATION:
Asphalt Plant with a Scrubber for Particulate Control - Unit XXX

Operating Permit Condition Number Citation

Section II, Condition 3.1 - Opacity Limitation

Explanation of Period of Non-Compliance

Slurry Line Feed Plugged

Duration

START- 1730 4/10/96
END- 1800 4/10/96

Action Taken to Correct the Problem

Line Blown Out

Measures Taken to Prevent Reoccurrence of the Problem

Replaced Line Filter

Dates of Upsets Reported

4/10/96 to S. Busch, APCD

Dates of Monitor, Meter Down Time/Steps Taken to Repair

N/A

Format for Compliance Monitoring Report - Part III

OPERATING PERMIT

CERTIFICATION FOR SEMI-ANNUAL MONITORING REPORT

SOURCE NAME: **Amoco Production Company - Tiffany Compressor Station**

FACILITY IDENTIFICATION NUMBER: **0670035**

PERMIT NUMBER: **95OPLP063**

REPORTING PERIOD: _____

All information for the Semi-Annual Monitoring Reports must be certified by a responsible official. The responsible official signing this certification must be pre-approved by the Division in accordance with Colorado Regulation No. 3, Part A, Section I.B.53. This signed certification document must be packaged with the documents being submitted.

STATEMENT OF COMPLETENESS

I have reviewed the information being submitted in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this submittal are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in Sub-Section 18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this application is guilty of a misdemeanor and may be punished in accordance with the provisions of Sub-Section 25-7 122.1, C.R.S.

Printed or Typed Name _____ Title _____

Signature of Responsible Official _____ Date Signed _____

APPENDIX C

Format for Annual Compliance Certification Reports

FACILITY NAME: Amoco Production Company - Tiffany Compressor Station
OPERATING PERMIT NO: 95OPLP063

- I. Overall Facility Status:
 - A. This facility is currently in compliance with all terms and conditions of Operating Permit #95OPLP063 except as specifically noted in the Semi-Annual Monitoring Report submitted with this certification.
 - B. This facility has operated in continuous compliance with all terms and conditions of Operating Permit #95OPLP063 for the period beginning _____ through _____ except as specifically noted in the Semi-Annual Monitoring Reports submitted during this period.
- II. Status for Specific Permit Conditions:
 - A. The Facility was out of compliance with the following permit terms during all or part of the Certification period:

[LIST SPECIFIC PERMIT TERM - E.G. SECTION II, CONDITION 3.1]

III. Certification

I have reviewed this certification in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this certification are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in § 18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of § 25-7 122.1, C.R.S.

Printed or Typed Name Title

Signature Date Signed

NOTE: All compliance certifications shall be submitted to the Air Pollution Control Division at the address listed in Appendix D of this Permit.

APPENDIX D

Notification Addresses

1. **Air Pollution Control Division**

Colorado Department of Public Health and Environment
Air Pollution Control Division
Operating Permits Unit
APCD-SS-B1
4300 Cherry Creek Drive S.
Denver, CO 80222-1530

APPENDIX E

Permit Acronyms

Listed Alphabetically:

AIRS -	Aerometric Information Retrieval System
AP-42 -	EPA Document Compiling Air Pollutant Emission Factors
APEN -	Air Pollution Emission Notice (State of Colorado)
APCD -	Air Pollution Control Division (State of Colorado)
ASTM -	American Society for Testing and Materials
BACT -	Best Available Control Technology
BTU -	British Thermal Unit
CAA -	Clean Air Act (CAAA = Clean Air Act Amendments)
CCR -	Colorado Code of Regulations
CEM -	Continuous Emissions Monitor
CF -	Cubic Feet (SCF = Standard Cubic Feet)
CFR -	Code of Federal Regulations
CO -	Carbon Monoxide
COM -	Continuous Opacity Monitor
CRS -	Colorado Revised Statute
EPA -	Environmental Protection Agency
FR -	Federal Register
G -	Grams
Gal -	Gallon
HAPs -	Hazardous Air Pollutants
HP -	Horsepower
HP-HR -	Horsepower Hour (G/HP-HR = Grams per Horsepower Hour)
LAER -	Lowest Achievable Emission Rate
LBS -	Pounds
M -	Thousand
MM -	Million
MMscf -	Million Standard Cubic Feet
MMscfd -	Million Standard Cubic Feet per Day
N/A or NA -	Not Applicable
NO _x -	Nitrogen Oxides
NESHAP -	National Emission Standards for Hazardous Air Pollutants
NSPS -	New Source Performance Standards

PM -	Particulate Matter
PM ₁₀ -	Particulate Matter Under 10 Microns
PSD -	Prevention of Significant Deterioration
PTE -	Potential To Emit
RACT -	Reasonably Available Control Technology
SCC -	Source Classification Code
SCF -	Standard Cubic Feet
SIC -	Standard Industrial Classification
SO ₂ -	Sulfur Dioxide
TPY -	Tons Per Year
TSP -	Total Suspended Particulate
VOC -	Volatile Organic Compounds

