

Permit #: 28.0701-01
Effective Date: February 11, 2008
Expiration Date: January 25, 2010

The seal of the State of South Dakota is a circular emblem with a serrated outer edge. It features a central landscape scene with a river, a windmill, and a plow. Above the scene is a banner with the motto "UNDER GOD THE PEOPLE RULE". The words "STATE OF SOUTH DAKOTA" are written in an arc across the top, and "GREAT SEAL" is written in an arc across the bottom. The year "1889" is prominently displayed at the bottom center of the seal.

**SOUTH DAKOTA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
TITLE V AIR QUALITY OPERATING PERMIT**

A handwritten signature in black ink, appearing to read "S. Pirner".

Steven M Pirner, Secretary
Department of Environment and Natural Resources

Under the South Dakota Air Pollution Control Regulations

Pursuant to Chapter 34A-1-21 of the South Dakota Codified Laws and the Air Pollution Control Regulations of the State of South Dakota and in reliance on statements made by the owner designated below, a permit to operate is hereby issued by the Secretary of the Department of Environment and Natural Resources. This permit authorizes such owner to operate the unit(s) listed in Table #1 under the listed conditions.

A. Owner

1. Company Name and Mailing Address

Magellan Pipeline Company, L.P.
PO Box 22186, MD 27-3
Tulsa, OK 74121-2186

2. Actual Source Location if Different from Above

5300 West 12th Street
Sioux Falls, SD 57104

3. Permit Contact

Ryan Bowers, Air Quality Specialist
918-574-7471

4. Facility Contact

Tom Barr, Supervisor of Operations and Maintenance
605-338-5771

5. Responsible Official

Rick Olson, Vice President, Pipeline Operations and Technical Services
918-574-7500

B. Permit Revisions or Modifications

February 24, 2005 - Administrative amendment to correct tank ID numbers – the ID numbers for Tank 524 and 526 are transposed in the January 2005 permit.

February 11, 2008 – Permit modification for the addition of Unit #18, identified as Tank 4007, a 1970 aboveground gasoline storage tank

C. Type of Operation

Bulk distribution terminal for loading and storage of petroleum products received through a pipeline.

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1.0 STANDARD CONDITIONS

1.1 Operation of source. In accordance with Administrative Rules of South Dakota (ARSD) 74:36:05:16.01(8), the owner or operator shall operate the units, controls, and processes as described in Table #1 in accordance with the statements, representations, and supporting data contained in the complete permit application submitted and dated August 23, 2002, September 22, 2004, and October 17, 2007 unless modified by the conditions of this permit. The application consists of the application forms, supporting data, and supplementary correspondence. If the owner or operator becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in an application, such information shall be promptly submitted.

**Table #1
Description of Permitted Units, Operations, and Processes**

Unit	Description	Maximum Operating Capacity	Control Device
#1	1994 truck loading submerged fill rack	72,000 gallons per hour	1994 John Zink two-stage vapor combustor
#2	1955 American Locomotive Company, model 463, engine fueled with natural gas and diesel fuel	7 million Btus per hour heat input	Not applicable
#3	Tank 120 – 1947 aboveground petroleum storage tank with a vertical fixed roof	88,128 gallons	Not applicable
#4	Tank 413 – 1947 aboveground petroleum storage tank with a vertical fixed roof	244,650 gallons	Not applicable
#5	Tank 520 – 1947 aboveground ethanol storage tank with a vertical fixed roof	457,674 gallons	Not applicable
#6	Tank 526 – 1947 aboveground gasoline/distillate transmix storage tank with a vertical fixed roof	457,548 gallons	Not applicable
#7	Tank 662 – 1947 aboveground petroleum storage tank	770,322 gallons	1982 internal floating roof
#8	Tank 663 – 1947 aboveground petroleum storage tank	770,490 gallons	1982 internal floating roof
#9	Tank 666 – 1947 aboveground	770,280 gallons	1982 internal floating

Unit	Description	Maximum Operating Capacity	Control Device
	petroleum storage tank		roof
#10	Tank 667 – 1947 aboveground petroleum storage tank	770,280 gallons	1982 internal floating roof
#11	Tank 668 – 1947 aboveground petroleum storage tank	770,280 gallons	1982 internal floating roof
#12	Tank 756 – 1945 aboveground petroleum storage tank	1,108,128 gallons	1993 internal floating roof
#13	Tank 1339 – 1950 aboveground petroleum storage tank	1,544,256 gallons	1981 internal floating roof
#14	Tank 1340 – 1950 aboveground petroleum storage tank	1,544,172 gallons	1982 internal floating roof
#15	Tank 1341 – 1950 aboveground petroleum storage tank	1,544,256 gallons	1982 internal floating roof
#16	Tank 1342 – 1950 aboveground petroleum storage tank	1,544,088 gallons	1981 internal floating roof
#17	Tank 522 – 1970 aboveground ethanol storage tank	457,842 gallons	Not applicable
#18	Tank 4007 – 1970 aboveground gasoline storage tank	2,643,224 gallons	2007 internal floating roof

1.2 Duty to comply. In accordance with ARSD 74:36:05:16.01(12), the owner or operator shall comply with the conditions of this permit. An owner or operator who knowingly makes a false statement in any record or report or who falsifies, tampers with, or renders inaccurate, any monitoring device or method is in violation of this permit. A violation of any condition in this permit is grounds for enforcement, reopening this permit, permit termination, or denial of a permit renewal application. The owner or operator, in an enforcement action, cannot use the defense that it would have been necessary to cease or reduce the permitted activity to maintain compliance. The owner or operator shall provide any information requested by the Secretary to determine compliance or whether cause exists for reopening or terminating this permit.

1.3 Property rights or exclusive privileges. In accordance with ARSD 74:36:05:16.01(12), the State's issuance of this permit, adoption of design criteria, and approval of plans and specifications does not convey any property rights of any sort, any exclusive privileges, any authorization to damage, injure or use any private property, any authority to invade personal rights, any authority to violate federal, state or local laws or regulations, or any taking, condemnation or use of eminent domain against any property owned by third parties. The State does not warrant that the owner's or operator's compliance with this permit, design criteria, approved plans and specifications, and operation under this permit, will not cause damage, injury

or use of private property, an invasion of personal rights, or violation of federal, state or local laws or regulations. The owner or operator is solely and severally liable for all damage, injury or use of private property, invasion of personal rights, infringement of federal, state or local laws and regulations, or taking or condemnation of property owned by third parties, which may result from actions taken under the permit.

1.4 Penalty for violating a permit condition. In accordance with SDCL 34A-1, a violation of a permit condition may subject the owner or operator to civil or criminal prosecution, fines of not more than \$10,000 per day per violation, injunctive action, administrative permit action, and other remedies as provided by law.

1.5 Inspection and entry. In accordance with SDCL 34A-1-41, the owner or operator shall allow the Secretary to:

1. Enter the premises where a regulated activity is located or where pertinent records are stored;
2. Have access to and copy any records that are required under this permit;
3. Inspect operations regulated under this permit; and/or
4. Sample or monitor any substances or parameters for the purpose of assuring compliance.

1.6 Severability. In accordance with ARSD 74:36:05:16.01(11), any portion of this permit that is void or challenged shall not affect the validity of the remaining permit requirements.

1.7 Permit termination, modification, or revocation. In accordance with ARSD 74:36:05:46, the Secretary may recommend that the Board of Minerals and Environment terminate, modify, or revoke this permit for violations of SDCL 34A-1 or the federal Clean Air Act or for nonpayment of any outstanding fee or enforcement penalty.

2.0 PERMIT FEES

2.1 Annual air fee required. In accordance with ARSD 74:36:05:06.01, the owner or operator shall submit an annual administrative fee and an annual fee. The fee is based on actual emissions in accordance with ARSD 74:37.

2.2 Annual operational report. In accordance with ARSD 74:37:01:06, the Secretary will supply the owner or operator with an annual operational report in January of each year. The owner or operator shall complete and submit the operational report to the Secretary by March 1 of each year. The responsible official shall sign the operational report in the presence of a notary public.

2.3 Annual air fee. In accordance with ARSD 74:37:01:08, the Secretary will notify the owner or operator of the required annual air emission fee and administrative fee by June 1 of

each year. The fees shall accrue on July 1 and are payable to the Department of Revenue by July 31 of each year.

3.0 PERMIT AMENDMENT AND MODIFICATION CONDITIONS

3.1 Permit flexibility. In accordance with ARSD 74:36:05:30, the owner or operator shall have the flexibility to make changes to the source during the term of this permit. The owner or operator shall provide the Secretary written notice at least seven days in advance of the proposed change (NOTE: The Secretary will forward a copy of the written notice to EPA). The written notice shall include a brief description of the change, the date on which the change is to occur, any change in emissions, and the proposed changes to this permit.

The Secretary will notify the owner or operator whether the change is an administrative permit amendment, a minor permit amendment, or a permit modification. A proposed change that is considered an administrative permit amendment or a minor permit amendment can be completed immediately after the Secretary receives the written notification. The owner or operator must comply with both the applicable requirements governing the change and the proposed permit terms and conditions until the Secretary takes final action on the proposed change.

A proposed change that is considered a modification can not be constructed until the Secretary takes final action on the proposed change. Permit modifications are subject to the same procedural requirements, including public comment, as the original permit issuance except that the required review shall cover only the proposed changes.

3.2 Administrative permit amendment. In accordance with ARSD 74:36:05:33, the Secretary has 60 days from receipt of a written notice to verify that the proposed change is an administrative permit amendment. The Secretary considers a proposed change an administrative permit amendment if the proposed change accomplishes one of the following:

1. Corrects typographical errors;
2. Changes the name, address, or phone number of any person identified in this permit or provides a similar minor administrative change at the source;
3. Requires more frequent monitoring or reporting by the source;
4. The ownership or operational control of a source change and the Secretary determines that no other change in this permit is necessary. However, the new owner must submit a certification of applicant form and a written statement specifying the date for transfer of operating permit responsibility, coverage, and liability; or
5. Any other changes that the Secretary determines to be similar to those requirements in this condition.

3.3 Minor permit amendment. In accordance with ARSD 74:36:05:38, the Secretary has 90 days from receipt of a written notice or 15 days after the end of EPA's 45-day review period, whichever is later, to take final action on a minor permit amendment. Final action consists of issuing or denying a minor permit amendment or determining that the proposed change is a

permit modification. The Secretary considers a proposed change to be a minor permit amendment if the proposed change:

1. Does not violate any applicable requirements;
2. Does not involve significant changes to existing monitoring, reporting, or record keeping requirements;
3. Does not require or change a case-by-case determination of an emission limit or other standard, a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis; or
4. Does not seek to establish or change a permit term or condition for which the source has assumed to avoid an applicable requirement, a federally enforceable emission cap, or an alternative emission limit. An alternative emission limit is approved pursuant to regulations promulgated under section 112(i)(5) of the federal Clean Air Act.

3.4 Permit modification. In accordance with ARSD 74:36:05:39, an owner or operator may apply for a permit modification. A permit modification is any proposed change that is not an administrative amendment or a minor permit amendment. Permit modifications are subject to the same procedural requirements, including public comment, as the original permit issuance except that the required review shall cover only the proposed changes.

3.5 Permit revision. In accordance with ARSD 74:36:05:40, the Secretary may reopen and revise this permit to meet requirements of SDCL 34A-1 or the federal Clean Air Act.

3.6 Testing new fuels or raw materials. In accordance with ARSD 74:36:11:04, an owner or operator may request permission to test a new fuel or raw material to determine if it is compatible with existing equipment before requesting a permit amendment or modification. A complete test proposal shall consist of the following:

1. A written proposal that describes the new fuel or raw material, operating parameters, and parameters that will be monitored and any testing associated with air pollutant emissions during the test;
2. An estimate of the type and amount of regulated air pollutant emissions that will result from the proposed change; and
3. The proposed schedule for conducting the test. In most cases the owner or operator will be allowed to test for a maximum of one week. A request for a test period longer than one week will need additional justification. A test period shall not exceed 180 days.

The Secretary shall approve, conditionally approve, or deny in writing the test proposal within 45 days after receiving a complete proposal. Approval conditions may include changing the test schedule or pollutant sampling and analysis methods. Pollutant sampling and analysis methods may include, but are not limited to performance testing, visible emission evaluation, fuel analysis, dispersion modeling, and monitoring of raw material or fuel rates.

If the Secretary determines that the proposed change will result in an increase in the emission of a regulated air pollutant or result in the emission of an additional regulated air pollutant, the Secretary shall give public notice of the proposed test for 30 days. The Secretary shall consider all comments received during the 30-day public comment period before making a final decision on the test.

The Secretary will not approve a test if the test would cause or contribute to a violation of a national ambient air quality standard.

3.7 Replacement of loading rack components. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.500(c), any replacement of components of the existing loading rack in order to comply with any emission standard adopted by the state or political subdivision thereof will not be considered reconstruction under the provisions of ARSD 74:36:07:01, as referenced to 40 CFR § 60.15.

4.0 PERMIT RENEWAL REQUIREMENTS

4.1 Permit effective. In accordance with ARSD 74:36:05:07, this permit shall expire five years from date of issuance unless reopened or terminated for cause.

4.2 Permit renewal. In accordance with ARSD 74:36:05:08, the owner or operator shall submit an application for a permit renewal at least 180 days before the date of permit expiration if the owner or operator wishes to continue an activity regulated by this permit. The current permit shall not expire and shall remain in effect until the Secretary takes final action on the timely permit renewal application.

4.3 Permit expiration. In accordance with ARSD 74:36:05:28, permit expiration terminates the owner's or operator's right to operate any unit covered by this permit.

5.0 RECORD KEEPING AND REPORTING REQUIREMENTS

5.1 Record keeping and reporting. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall maintain all monitoring data, records, reports, and pertinent information specified by this permit for five years from the date of sample, measurement, report, or application. The records shall be maintained on site for the first two years and may be maintained off site for the last three years. All records must be made available to the Secretary for inspection. All notifications and reports shall be submitted to the following address:

South Dakota Department of Environment and Natural Resources
Air Quality Program
523 E. Capitol, Joe Foss Building
Pierre, SD 57501-3181

5.2 Signatory requirements. In accordance with ARSD 74:36:05:12, all applications submitted to the Secretary shall be signed and certified by a responsible official. A responsible official for a corporation is a responsible corporate officer and for a partnership or sole proprietorship is a general partner or the proprietor, respectively. All reports or other information submitted to the Secretary shall be signed and certified by a responsible official or a duly authorized representative. A person is a duly authorized representative only if:

1. The authorization is made in writing by a person described above and submitted to the Secretary; and
2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.

The responsible official shall notify the Secretary if an authorization is no longer accurate. The new duly authorized representative must be designated prior to or together with any reports or information to be signed by a duly authorized representative.

5.3 Certification statement. In accordance with ARSD 74:36:05:16.01(14)(a), all documents required by this permit, including application forms, reports, and compliance certification, must be certified by a responsible official or a duly authorized representative. The certification shall include the following statement:

“I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document and all attachments are true, accurate, and complete.”

5.4 Tank truck vapor tightness documentation. In accordance with ARSD 74:36:07:23, as referenced to 40 C.F.R. § 60.505(a), the tank truck vapor tightness documentation for each gasoline tank truck which is to be loaded at the terminal shall be kept on file at the terminal in a permanent form available for inspection.

5.5 Tank truck vapor tightness documentation updates. In accordance with ARSD 74:36:07:23, as referenced to 40 C.F.R. § 60.505(b), the owner or operator shall update each gasoline tank truck file at least once per year to reflect current test results as determined by Method 27. This documentation shall include the following information at a minimum:

1. Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27;
2. Tank owner and address;
3. Tank identification number;
4. Testing location;
5. Date of test;

6. Tester name and signature;
7. Witnessing inspector, if any: name, signature, and affiliation; and
8. Test results: Actual pressure change in 5 minutes, millimeters of water (average for 2 runs).

5.6 Leak inspection record. In accordance with ARSD 74:36:07:23, as referenced to 40 C.F.R. § 60.505(c), the owner or operator shall maintain on file at the terminal for at least 2 years a record of each monthly leak inspection required under condition 8.9. The following information must be contained in the file, at a minimum:

1. Date of inspection;
2. Findings (may indicate no leaks discovered; or location, nature, and severity of each leak);
3. Leak determination method;
4. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days); and
5. Inspector name and signature.

5.7 Record of notifications. In accordance with ARSD 74:36:07:23, as referenced to 40 C.F.R. § 60.505(d), the owner or operator shall keep documentation of all notifications required under condition 8.4 (4) on file at the terminal for at least 2 years.

5.8 Annual records. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall calculate and record the following amounts from January 1 to December 31 of each year:

1. Actual loading rack throughput of gasoline;
2. Actual VOC emissions attributed to the loading rack;
3. Actual VOC emissions attributed to the permitted storage tanks;
4. Actual amounts of natural gas burned in Unit #2;
5. Actual amount of diesel fuel burned in Unit #2; and
6. Actual operating time in hours of Unit #2.

The records will be used in junction with the operational report required in permit condition 2.2 to determine annual air fees.

5.9 Annual compliance certification. In accordance with ARSD 74:36:05:16.01(14), the owner or operator shall submit an annual compliance certification letter to the Secretary by March 1 of each year this permit is in effect (NOTE: The Secretary will forward a copy of the certification letter to EPA). The certification shall contain the following information:

1. Methods used to determine compliance, including: monitoring, record keeping, performance testing and reporting requirements;
2. The source is in compliance and will continue to demonstrate compliance with all applicable requirements;

3. In the event the source is in noncompliance, a compliance plan that indicates how the source has or will be brought into compliance; and
4. Certification statement required in permit condition 5.3.

5.10 Reporting permit violations. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall report all permit violations. A permit violation should be reported as soon as possible, but no later than the first business day following the day the violation was discovered. The permit violation may be reported by telephone to the South Dakota Department of Environment and Natural Resources at (605) 773-3151 or by FAX at (605) 773-5286.

A written report shall be submitted within five days of discovering the permit violation. Upon prior approval from the Secretary, the submittal deadline for the written report may be extended up to 30 days. The written report shall contain:

1. Description of the permit violation and its cause(s);
2. Duration of the permit violation, including exact dates and times; and
3. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the permit violation.

The Secretary may waive the written report on a case-by-case basis if the oral report has been received within the reporting period and dependent upon the severity of the permit violation.

6.0 CONTROL OF REGULATED AIR POLLUTANTS

6.1 Visibility limit. In accordance with ARSD 74:36:12:01, the owner or operator may not discharge into the ambient air an air contaminant of a density equal to or greater than that designated as 20 percent opacity from any permitted unit, operation, or process listed in Table #1. This provision does not apply when the presence of uncombined water is the only reason for failure to meet the requirement.

6.2 Visibility exceedances. In accordance with ARSD 74:36:12:01, an exceedance of the operating limit in permit condition 6.1 is not considered a violation during soot blowing, start-up, shutdown, or malfunctions. Malfunction means any sudden and unavoidable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. A failure caused entirely or in part by poor maintenance, careless operation, preventable equipment breakdown, or any other cause within the control of the owner or operator of the source is not a malfunction and is considered a violation.

6.3 Particulate limits. In accordance with ARSD 74:36:06:02(1), the owner or operator shall not allow the emission of particulate in excess of the emission limit specified in Table #2 for the appropriate permitted unit, operations, and process.

Table #2

Particulate Emission Limit

Unit	Description	Emission Limit
#2	1955 American Locomotive Company dual-fuel engine	0.6 pounds per million Btu heat input

6.4 Sulfur dioxide limits. In accordance with ARSD 74:36:06:02(2), the owner or operator shall not allow the emission of sulfur dioxide in excess of the emission limit specified in Table #3 for the appropriate permitted unit, operations, and process:

**Table #3
Sulfur Dioxide Emission Limit**

Unit	Description	Emission Limit
#2	1955 American Locomotive Company dual-fuel engine	3.0 pounds per million Btu heat input

Compliance with the sulfur dioxide emission limit is based on a three-hour rolling average, which is the arithmetic average of three contiguous one-hour periods.

6.5 Air emission exceedances – emergency conditions. In accordance with ARSD 74:36:05:16.01(18), the Secretary will allow for an emission exceedance of a technology-based emission limit if the exceedance is caused by an emergency condition and immediate action is taken by the owner or operator to restore the operations back to normal. An emergency condition is a situation arising from a sudden and reasonably unforeseeable event beyond the control of the source, including acts of God. An emergency shall not include an emission exceedance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error. The owner or operator shall notify the Secretary within two working days of the incident and take all steps possible to eliminate the excess emissions.

6.6 Circumvention not allowed. In accordance with ARSD 74:36:05:47.01, the owner or operator may not install, use a device, or use a means that conceals or dilutes an air emission that would otherwise violate this permit. This includes operating a unit or control device that emits air pollutants from an opening other than the designed stack, vent, or equivalent opening.

6.7 Minimizing emissions. In accordance with ARSD 74:36:05:16.01(8), the owner or operator shall at all time, when practicable, maintain and operate all permitted units in a manner that minimizes air pollution emissions.

7.0 PERFORMANCE TESTS

7.1 Performance test may be required. In accordance with ARSD 74:36:11:02, the Secretary may request a performance test. A performance test shall be conducted while operating the unit at or greater than 90 percent of its maximum design capacity, unless otherwise specified by the Secretary. A performance test that is conducted while operating less than 90 percent of its maximum design capacity will result in the operation being limited to the percent achieved during the performance test. The Secretary has the discretion to extend the deadline for completion of performance test required by the Secretary if circumstances reasonably warrant but will not extend the deadline past a federally required performance test deadline.

7.2 Test methods and procedures. The owner or operator shall conduct the performance test in accordance with 40 CFR Part 60, Appendix A, 40 CFR Part 63, Appendix A, and 40 CFR Part 51, Appendix M. The Secretary may approve an alternative method if a performance test specified in 40 CFR Part 60, Appendix A, 40 CFR Part 63, Appendix A, and 40 CFR Part 51, Appendix M is not federally applicable or federally required.

7.3 Submittal of test plan. In accordance with ARSD 74:36:11:01, the owner or operator shall submit the proposed testing procedures to the Secretary at least 30 days prior to any performance test. The Secretary will notify the owner or operator if the proposed test procedures are approved or denied. If the proposed test procedures are denied, the Secretary will provide written notification that outlines what needs to be completed for approval.

7.4 Notification of test. In accordance with ARSD 74:36:11:03, the owner or operator shall notify the Secretary at least 10 days prior to the start of a performance test to arrange for an agreeable test date when the Secretary may observe the test. The Secretary may extend the deadline for the performance test in order to accommodate schedules in arranging an agreeable test date.

7.5 Performance test report. In accordance with ARSD 74:36:05:16.01(9), the owner or operator shall submit a performance test report to the Secretary within 60 days after completing the performance test or by a date designated by the Secretary. The performance test report shall contain the following information:

1. A brief description of the process and the air pollution control system being tested;
2. Sampling location description(s);
3. A description of sampling and analytical procedures and any modifications to standard procedures;
4. Test results;
5. Quality assurance procedures and results;
6. Records of operating conditions during the test, preparation of standards, and calibration procedures;
7. Raw data sheets for field sampling and field and laboratory analyses;
8. Documentation of calculations;

9. All data recorded and used to establish parameters for compliance monitoring; and
10. Any other information required by the test method.

8.0 LOADING RACK REQUIREMENTS

8.1 Vapor collection system. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(a), the owner or operator of the facility shall operate the truck loading rack with a vapor collection system designed to collect the total organic compound vapors displaced from tank trucks during product loading.

8.2 Vapor collection system emission limit. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(b), the owner or operator of the facility shall not allow the total organic compound emissions from the vapor collection system due to the loading of liquid product into gasoline tank trucks to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.

8.3 Vapor collection system design. In accordance with ARSD 74:36:07:23, as referenced to 440 CFR § 60.502(d), the vapor collection system shall be designed to prevent any total organic compound vapors collected at one loading rack from passing to another loading rack.

8.4 Product loading into vapor-tight gasoline tank trucks. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(e), liquid product shall only be loaded into vapor-tight gasoline tank trucks, in which the owner or operator has implemented the following procedures:

1. Obtain vapor tightness documentation described in condition 5.4 for each gasoline tank truck which is to be loaded at the affected facility;
2. Require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility;
3. Cross-check each tank identification number obtained in condition 8.4 (2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded;
4. Notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred; and
5. Take steps to assure that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

Alternate procedures to those described above for limiting gasoline tank truck loading may be used upon application to, and approval by, the Environmental Protection Agency Administrator.

8.5 Vapor collection system compatibility. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(f), the owner or operator shall act to assure that loading of

gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

8.6 Vapor collection systems connected during product loading. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(g), the owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.

8.7 Gauge pressure limit in the delivery tank. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(h), the vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals during product loading.

8.8 Pressure vacuum vent design. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(i), the pressure vacuum vent in the bulk gasoline terminal's vapor collection system shall not begin to open at a system pressure less than 4,500 pascals.

8.9 Leak detection during product loading. In accordance with ARSD 74:36:07:23, as referenced to 40 CFR § 60.502(j), the owner or operator shall inspect the vapor collection system, the vapor processing system, and each loading rack handling gasoline each calendar month. The inspection shall be conducted for total organic compound liquid or vapor leaks during the loading of gasoline tank trucks. Leak detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.