



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: January 25, 2006
RE: Marathon Petroleum Company / 035-21279-00019
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this approval is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-MOD.dot 1/10/05



MITCHELL E. DANIELS, JR.

Governor

THOMAS W. EASTERLY

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100 North Senate Avenue

Indianapolis, Indiana 46204-2251

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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) RENEWAL OFFICE OF AIR QUALITY

**Marathon Petroleum Company LLC
2100 East State Road 28
Muncie, Indiana 47303**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 035-13954-00019	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 18, 2002 Expiration Date: March 18, 2007
First Administrative Amendment 035-16045-00019 Second Administrative Amendment 035-17330-00019 Third Administrative Amendment 035-18018-00019 First Minor Permit Revision 035-18971-00019	Issuance Date: June 10, 2002 Issuance Date: June 9, 2003 Issuance Date: October 29, 2003 Issuance Date: June 4, 2004
First Significant Permit Revision 035-21279-00019	Pages Revised: 5,9-28
Issued by: Original Signed By: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 25, 2006

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Emergency Occurrence Report

Quarterly Report

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in Conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary petroleum products distribution source.

Authorized Individuals:	Joseph A. Baker or Patrick J. Barnes
Source Address:	2100 East State Road 28, Muncie, Indiana 47303
Mailing Address:	539 S. Main Street, Findlay, OH 45840
General Source Phone Number:	317-244-9551
SIC Code:	5171
County Location:	Delaware
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD Rules; Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 55-3, installed in 1949, equipped with a geodome, installed in 2000, capacity: 2,310,000 gallons.
- (b) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 67-2, installed in 1974, capacity: 2,704,800 gallons.
- (c) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 10-7, installed in 1949, capacity: 391,482 gallons.
- (d) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, installed in 1981, capacity: 1,150,632 gallons.
- (e) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as Tank 10-5, equipped with an internal floating roof, installed on January 1, 1949, modified in 2005, capacity: 391,734 gallons.
- (f) One (1) loading rack, installed in 1979, modified in 2005 to include additional sight lenses, equipped with one (1) carbon adsorber vapor recovery unit, installed in 1995, and three (3) backup trailer mounted thermal incinerators.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) One (1) natural gas-fired office furnace, installed in 1994, rated at 0.09 million British thermal units per hour.

- (b) The following VOC and HAP storage containers: Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
- (c) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume, including:

Two (2) tanks, installed in 1990, used for treating petroleum contact storm water, capacity: 11,809 gallons..
- (d) Process vessel degassing and cleaning to prepare for internal repairs.
- (e) Paved and unpaved roads and parking lots with public access.
- (f) Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.
- (g) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.
- (h) Tank 55-10, fixed roof tank, No. 2 fuel oil, installed on January 1, 1955, capacity: 2,174,340 gallons; Tank T-8, fixed roof tank, Transmix, installed in January 1, 1949, capacity: 32,928 gallons; Tank AA 8-1, fixed roof tank, gasoline additive, installed in January 1, 1980, capacity: 7,288 gallons; Tank AA 10-2, fixed roof tank, gasoline additive, installed in January 1, 1991, capacity: 10,368 gallons; Oil/Water Separator, underground tank, oil/water mix.

A.4 FESOP Applicability [326 IAC 2-8-2]

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) to renew a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.
- (b) All previous registrations and permits are superseded by this permit.

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2, and 326 IAC 2-7) shall prevail.

B.3 Permit Term [326 IAC 2-8-4(2)]

This permit is issued for a fixed term of five (5) years from the original date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.4 Enforceability [326 IAC 2-8-6]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)] [326 IAC 2-8-5(a)(4)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit or, for information claimed to be

confidential, the Permittee may furnish such records directly to the U.S. EPA along with a claim of confidentiality.[326 IAC 2-8-4(5)(E)]

- (c) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
- (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; and
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.14 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contempor-

aneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section)
or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ, may require that

the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provision), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
 - (2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-8-9]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- Any such application should be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- and
- United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590
- in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and
- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document, all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional conditions:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

- (c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.20 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.

- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4320 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-8-4(3)] [326 IAC 2-8-5] [62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emissions Limitations and Standards [326 IAC 2-8-4(1)]

C.1 Overall Source Limit [326 IAC 2-8]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 2-3 (Emission Offset) not applicable.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Any change or modification that increases the potential to emit PM to 250 tons per year or more shall cause this source to become a major source pursuant to 326 IAC 2-2, PSD, and shall require prior OAQ approval.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC

4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) Procedures for Asbestos Emission Control

The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are applic-

able for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-8-4(3)]

C.7 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.9 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when

operation begins.

C.10 Maintenance of Emission Monitoring Equipment [326 IAC 2-8-4(3)(A)(iii)]

- (a) In the event that a breakdown of the emission monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no often less than once an hour until such time as the continuous monitor is back in operation.
- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing performed required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP);

All documents submitted pursuant to this condition shall include the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as

applicable.

- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4]
[326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the “authorized individual” as defined by 326 IAC2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).
- (e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.17 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156
- (b) Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

One (1) loading rack, installed in 1979, modified in 2005 to include additional sight lenses, equipped with one (1) carbon adsorber vapor recovery unit, installed in 1995, and three (3) backup trailer mounted thermal incinerators.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60 Subpart A - General Provisions, which are incorporated as 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 60.500, Subpart XX.

D.1.2 Standard for Volatile Organic Compound (VOC) Emissions From Bulk Gasoline Terminals, Subpart XX [40 CFR 60.502] [326 IAC 12-1]

On and after the date on which 40 CFR 60.8(a) requires a performance test to be completed, the Permittee of each bulk gasoline terminal containing an affected facility shall comply with the following requirements:

- (a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.
- (b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.
- (c) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
- (d) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - (1) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (2) The Permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
 - (3) The Permittee shall cross-check each tank identification number obtained in paragraph (d)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the docu-

mentation cross-check shall be performed semiannually.

If either the quarterly or semiannual cross-check provided in paragraphs (d)(3) (A) and (B) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

- (4) The terminal Permittee shall notify the Permittee of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (d)(3) of this section.
 - (5) The terminal Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
 - (6) Alternate procedures to those described in paragraphs (d)(1) through (5) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.
- (e) The Permittee shall act to assure that loadings 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.
 - (f) The Permittee 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 of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
 - (g) 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 (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).
 - (h) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
 - (i) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, 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.

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

The annual throughput of gasoline and/or neat ethanol delivered to the one (1) loading rack shall be limited to 240,000,000 gallons per twelve (12) consecutive month period, which is equivalent to VOC emissions of 44.0 tons per year. This emission limit, combined with the emission limit in Condition D.2.2 will make the requirements of 326 IAC 2-7 not applicable.

D.1.4 Volatile Organic Compounds (VOC) [326 IAC 8-4-4]

Pursuant to 326 IAC 8-4-4 (Bulk gasoline terminals):

- (a) No owner or operator of a bulk gasoline terminal shall permit the loading of gasoline into any transport, excluding railroad tank cars, or barges, unless:
 - (1) The bulk gasoline terminal is equipped with a vapor control system, in good working order, in operation and consisting of one of the following:

- (A) An adsorber or condensation system which processes and recovers vapors and gases from the equipment being controlled, releasing no more than 80 milligrams per liter of VOC to the atmosphere.
 - (B) A vapor collection system which directs all vapors to a fuel gas system or incinerator.
 - (C) An approved control system, demonstrated to have control efficiency equivalent to or greater than clause (A) above.
- (2) Displaced vapors and gases are vented only to the vapor control system.
 - (3) A means is provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
 - (4) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.
- (b) If employees of the owner of the bulk gasoline terminal are not present during loading, it shall be the responsibility of the owner of the transport to make certain the vapor control system is attached to the transport. The owner of the terminal shall take all reasonable steps to insure that owners of transports loading at the terminal during unsupervised times comply with this section.

D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-4-9]

Pursuant to 326 IAC 8-4-9 (Leaks from transports and vapor collection systems, records) the source will operate a vapor control system. The requirements are as follows:

- (a) No person shall allow a gasoline transport that is subject to this rule and that has a capacity of two thousand (2,000) gallons or more to be filled or emptied unless the gasoline transport completes the following:
 - (1) Annual leak detection testing before the end of the twelfth calendar month following the previous year's test, according to test procedures contained in 40 CFR 63.425 (e), as follows:
 - (A) Conduct the pressure and vacuum tests for the transport's cargo tank using a time period of five (5) minutes. The initial pressure for the pressure test shall be four hundred sixty (460) millimeters H₂O (eighteen (18) inches H₂O) gauge. The initial vacuum for the vacuum test shall be one hundred fifty (150) millimeters H₂O (six (6) inches H₂O) gauge. The maximum allowable pressure or vacuum change is twenty-five (25) millimeters H₂O (one (1) inch H₂O) in five (5) minutes.
 - (B) Conduct the pressure test of the cargo tank's internal vapor valve as follows:
 - (i) After completing the test under clause (A), use the procedures in 40 CFR 60, Appendix A, Method 27* to repressurize the tank to four hundred sixty (460) millimeters H₂O (eighteen (18) inches H₂O) gauge. Close the transport's internal vapor valve or valves, thereby isolating the vapor return line and manifold from the tank.
 - (ii) Relieve the pressure in the vapor return line to atmospheric pressure, then reseal the line. After five (5) minutes, record the gauge pressure in the vapor return line and manifold. The maximum

allowable five (5) minute pressure increase is one hundred thirty (130) millimeters H₂O (five (5) inches H₂O).

- (2) Repairs by the gasoline transport owner or operator, if the transport does not meet the criteria of subdivision (1), and retesting to prove compliance with the criteria of subdivision (1).
- (b) The annual test data remain valid until the end of the twelfth calendar month following the test. The owner of the gasoline transport shall be responsible for compliance with subsection (b) and shall provide the owner of the loading facility with the most recent valid modified 40 CFR 60, Appendix A, Method 27* test results upon request. The owner of the loading facility shall take all reasonable steps, including reviewing the test date and tester's signature, to ensure that gasoline transports loading at its facility comply with subsection (a).
- (c) The owner or operator of a vapor balance system or vapor control system subject to this rule shall:
 - (1) design and operate the applicable system and the gasoline loading equipment in a manner that prevents:
 - (A) gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of H₂O) and a vacuum from exceeding one thousand five hundred (1,500) pascals (six (6) inches of H₂O) in the gasoline transport;
 - (B) except for sources subject to 40 CFR 60.503(b)* (NESHAP/MACT) or 40 CFR 63. 425(a)* (New Source Performance Standards) requirements, a reading equal to or greater than twenty-one thousand (21,000) parts per million as propane, from all points on the perimeter of a potential leak source when measured by the method referenced in 40 CFR 60, Appendix A, Method 21*, or an equivalent procedure approved by the commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
 - (C) avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
 - (2) within fifteen (15) days, repair and retest a vapor balance, collection, or control system that exceeds the limits in subdivision (1).
- (d) The department may, at any time, monitor a gasoline transport, vapor balance, or vapor control system to confirm continuing compliance with subsection (a) or (b).

D.1.6 Hazardous Air Pollutants (HAPs) Limitations [326 IAC 2-8-4]

- (a) The worst case single HAP emissions from the entire source shall not exceed a total of ten (10) tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-7 do not apply. Compliance with this limit is based on the 240,000,000 gallon annual throughput limit of gasoline and/or neat ethanol delivered to the one (1) loading rack.
- (b) The combination of HAPs emissions from the entire source shall not exceed a total of twenty-five (25.0) tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-7 do not apply. Compliance with this limit is based on the 240,000,000 annual throughput limit of gasoline and/or neat ethanol delivered to the one (1) loading rack.

D.1.7 Hazardous Air Pollutants [326 IAC 20-1] [40 CFR Part 63, Subpart R]

The hazardous air pollutant emissions from the entire source shall be limited as follows to make the requirements of 40 CFR Part 63 Subpart R [National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)] not applicable:

The input of gasoline and/or neat ethanol to the entire source is limited to 240,000,000 gallons per consecutive twelve (12) monthly rolling period. This limitation is equivalent to both a potential to emit of less than ten (10) tons per year of a single HAP and less than twenty-five (25) tons per year of combined HAPs.

D.1.8 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.1.9 VOC and HAPs

In order to comply with Conditions D.1.2, D.1.4, and D.1.6, the carbon adsorber vapor recovery unit, or one (1) of the three (3) backup trailer mounted thermal incinerators for VOC and HAPs control shall be in operation and control emissions from the loading rack at all times gasoline is being loaded.

D.1.10 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]

- (a) To demonstrate compliance with Conditions D.1.2 and D.1.4 a compliance stack test shall be performed between May 7, 2002 and November 7, 2002 which corresponds to five (5) years since the latest valid stack test plus one hundred and eighty (180) days at the carbon adsorber vapor recovery unit. This test shall be performed according to 40 CFR 60, Appendix A, Methods 25 and 25A.
- (b) If the commissioner allows alternative test procedures in subsection (a)(1) or (c)(1)(B) of Condition D.1.5, such method shall be submitted to the U.S. EPA as a SIP revision.
- (c) During compliance tests conducted under 326 IAC 3-6 (stack testing), each vapor balance or control system shall be tested applying the standards described in subsection (c)(1)(B) of Condition D.1.5. Testers shall use 40 CFR 60, Appendix A, Method 21 to determine if there are any leaks from the hatches and the flanges of the gasoline transports. If any leak is detected, the transport cannot be used for the capacity of the compliance test of the bulk gas terminal. The threshold for leaks shall be as follows:
 - (1) Five hundred (500) parts per million methane for all bulk gas terminals subject to NESHAP/MACT (40 CFR 63, Subpart R).
 - (2) Ten thousand (10,000) parts per million methane for all bulk gas terminals subject to a New Source Performance Standard.
- (d) Within 60 days after installation of the sight lenses in the existing loading rack, but no later than 180 days after issuance of Significant Permit Revision 035-21279-00019, in order to demonstrate compliance with NSPS Subpart XX, the Permittee shall perform testing utilizing the methods and procedures specified in Condition D.1.2. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration.

D.1.11 Test Methods and Procedures, Subpart XX [40 CFR 60.503] [326 IAC 12-1]

- (a) In conducting the performance tests required in 40 CFR 60.8, the Permittee shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b). The three-run requirement of 40 CFR 60.8(f) does not apply to this subpart.

- (b) Immediately before the performance test required to determine compliance with 40 CFR 60.502 (b), (c), and (h), the Permittee shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The Permittee shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.
- (c) The Permittee shall determine compliance with the standards in 40 CFR 60.502 (b) and (c) as follows:

- (1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- (2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- (3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K \sum_{i=1}^n \frac{V_{esi} \cdot C_{ei}}{L \cdot 10^6}$$

where: E = emission rate of total organic compounds, mg/liter of gasoline loaded.

V_{esi} = volume of air-vapor mixture exhausted at each interval "i", scm.

C_{ei} = concentration of total organic compounds at each interval "i", ppm.

L = total volume of gasoline loaded, liters.

n = number of testing intervals.

i = emission testing interval of 5 minutes.

K = density of calibration gas, 1.83×10^6 for propane and 2.41×10^6 for butane, mg/scm.

- (4) The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- (5) The following methods shall be used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval:

- (i) Method 2B shall be used for combustion vapor processing systems.
 - (ii) Method 2A shall be used for all other vapor processing systems.
- (6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The Permittee may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.
- (7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.
- (d) The Permittee shall determine compliance with the standard in 40 CFR 60.502(h) as follows:
- (1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.
 - (2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.12 Carbon Adsorber and Thermal Incinerator Operation

- (a) For the one (1) carbon adsorber, to document compliance with Condition D.1.9, the Permittee shall maintain a control circuit which prevents the loading of gasoline and alerts the facility's operators when a fault condition exists. If a fault condition exists the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) For the three (3) backup trailer mounted thermal incinerators, to document compliance with Condition D.1.9, the Permittee shall maintain a control circuit at all times which prevents the loading of gasoline and alerts the facility's operators when the pilot flame is not present. If a fault condition exists the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.13 Record Keeping Requirements

- (a) To document compliance with Condition D.1.3, the Permittee shall maintain records at the source of the volume in gallons of each fuel received per month, including purchase orders and invoices, or a monthly pipeline receipt ticket, necessary to verify the type and amount used;
- (b) To document compliance with Condition D.1.5, the owner or operator of a vapor balance or vapor control system subject to this section shall maintain records of all certification testing.

The records shall identify the following:

- (1) The vapor balance, vapor collection, or vapor control system.
- (2) The date of the test and, if applicable, retest.
- (3) The results of the test and, if applicable, retest.

The records shall be maintained in a legible, readily available condition for at least two (2) years after the date the testing and, if applicable, retesting were completed.

- (c) To document compliance with Condition D.1.5, the owner or operator of a gasoline transport subject to this section shall keep a legible copy of the transport's most recent valid annual modified 40 CFR 60, Appendix A, Method 27 test either in the cab of the transport or affixed to the transport trailer. The test record shall identify the following:

- (1) The gasoline transport.
- (2) The type and date of the test and, if applicable, date of retest.
- (3) The test methods, test data, and results certified as true, accurate, and in compliance with this rule by the person who performs the test.

This copy shall be made available immediately upon request to the department and to the owner of the loading facility for inspection and review. The department shall be allowed to make copies of the test results.

- (d) To document compliance with Condition D.1.5, the Permittee shall maintain records of the following:

- (1) Certification testing required under Condition D.1.10(b), and
- (2) Test required under Condition D.1.10(c).

- (e) To document compliance with Condition D.1.6 and Condition D.1.7, the Permittee shall maintain records at the facility of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits that may be established in this permit. The records shall contain a minimum of the following:

- (1) The HAP/VOC ratio of each fuel received;
- (2) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and
- (3) Identification of the facility or facilities associated with the usage of each HAP.

- (f) To document compliance with Condition D.1.11, the Permittee shall maintain records of the following operation parameters of the carbon adsorber vapor recovery unit:

- (1) bed pressure; and
- (2) vacuum level.

- (g) To document compliance with Condition D.1.11, the Permittee shall maintain records of the

following operation parameters of the backup portable thermal incinerator when in use:

pilot flame presence

D.1.14 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.3, D.1.6, and D.1.7 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.

D.1.15 NSPS Reporting Requirement [326 IAC 12-1] [Subpart XX, 40 CFR 60.500]

Pursuant to the New Source Performance Standards (NSPS), 40 CFR Part 60.500, Subpart XX, the source owner/operator is hereby advised of the requirement to report the date of performance testing (at least 30 days prior to such date), when required by a condition elsewhere in this permit.

Reports are to be sent to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The application and enforcement of these standards have been delegated to the IDEM OAQ. The requirements of 40 CFR Part 60 are also federally enforceable.

D.1.16 Reporting and Record Keeping [Subpart XX, 40 CFR 60.505] [326 IAC 12-1]

- (a) The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal, electronically or a paper copy, with a permanent paper copy form available for inspection upon request.
- (b) The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:
 - (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.
 - (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).
- (c) A record of each monthly leak inspection required under 40 CFR 60.502(j) shall be kept on file at the terminal for at least two (2) years. Inspection records shall include, as a minimum, the following information:
 - (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 fifteen (15) days).
 - (5) Inspector name and signature.
- (d) The terminal Permittee shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least two (2) years.
- (e) The Permittee of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least three (3) years.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 55-3, installed in 1949, equipped with a geodome, installed in 2000, capacity: 2,310,000 gallons.
- (b) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 67-2, installed in 1974, capacity: 2,704,800 gallons.
- (c) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 10-7, installed in 1949, capacity: 391,482 gallons.
- (d) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, installed in 1981, capacity: 1,150,632 gallons.
- (e) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as Tank 10-5, equipped with an internal floating roof, installed on January 1, 1949, modified in 2005, capacity: 391,734 gallons.

Insignificant Tanks

- (h) Tank 55-10, fixed roof tank, No. 2 fuel oil, installed on January 1, 1955, capacity: 2,174,340 gallons; Tank T-8, fixed roof tank, Transmix, installed in January 1, 1949, capacity: 32,928 gallons; Tank AA 8-1, fixed roof tank, gasoline additive, installed in January 1, 1980, capacity: 7,288 gallons; Tank AA 10-2, fixed roof tank, gasoline additive, installed in January 1, 1991, capacity: 10,368 gallons; Oil/Water Separator, underground tank, oil/water mix.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.2.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR 63, Subpart A]

The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR 63 Subparts K, Ka, and Kb.

D.2.2 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

The annual throughput of gasoline and/or neat ethanol delivered to the loading rack shall be limited to 240,000,000 gallons per twelve (12) consecutive month period. This limits the total VOC emissions from the above storage tanks to 28.9 tons per twelve (12) consecutive month period. This emission limit, combined with emission limit in Condition D.1.1 will make the requirements of 326 IAC 2-7 not applicable.

D.2.3 Standard for Volatile Organic Compounds (VOCs) [40 CFR 60.112, Subpart K] [326 IAC 12]

For the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 67-2, the owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follows:

- (a) If the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 78 mm Hg (1.5 psia) but not greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a floating roof, a vapor recovery system, or their equivalents.
- (b) If the true vapor pressure of the petroleum liquid as stored is greater than 570 mm Hg (11.1 psia), the storage vessel shall be equipped with a vapor recovery system or its equivalent.

D.2.4 Standard for Volatile Organic Compounds (VOCs) [40 CFR 60.112a, Subpart Ka] [326 IAC 12]

For the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, the owner or operator of each storage vessel to which this subpart applies shall meet the following requirements:

Equip the tank with a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the and the cover ledge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves is to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Rim vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

D.2.5 Standards for Volatile Organic Compounds Emissions from Storage Vessels [40 CFR 60.112b] [Subpart Kb] [326 IAC 12]

Pursuant to 326 IAC 12 and 40 CFR 60.112b, the Permittee shall equip Tank 10-5 with a fixed roof in combination with an internal floating roof meeting the following specifications:

- (a) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a tank that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the tank is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
- (b) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the tank and the edge of the internal floating roof:
 - (1) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the tank and the floating roof continuously around the circumference of the tank.
 - (2) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (3) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the tank by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- (c) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
- (d) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap)

except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

- (e) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
- (f) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
- (g) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
- (h) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
- (i) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

D.2.6 Testing and Procedures [40 CFR 60.113a, Subpart Ka] [326 IAC 12]

For the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1:

- (a) The owner or operator of each storage vessel to which this subpart applies which has an external floating roof shall meet the following requirements:
 - (1) Determine the gap areas and maximum gap widths between the primary seal and the tank wall and between the secondary seal and the tank wall according to the following frequency:
 - (i) For primary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every five years thereafter. All primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.
 - (ii) For secondary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every year thereafter.
 - (iii) If any storage vessel is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill for the purposes of paragraphs (a)(1)(i) and (a)(1)(ii) of this section.
 - (iv) Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by paragraph (a)(2) of this section and the calculation required by paragraph (a)(3) of this section.
 - (v) If either the seal gap calculated in accord with paragraph (a)(3) of this section or the measured maximum seal gap exceeds the limitations specified by Sec. 60.112a of this subpart, a report shall be furnished to the

Administrator within 60 days of the date of measurements. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of Sec. 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of Sec. 60.112a.

- (2) Determine gap widths in the primary and secondary seals individually by the following procedures:
 - (i) Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports.
 - (ii) Measure seal gaps around the entire circumference of the tank in each place where a 1/8 inch diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the tank wall and measure the circumferential distance of each such location.
 - (iii) The total surface area of each gap described in paragraph (a)(2)(ii) of this section shall be determined by using probes of various widths to accurately measure the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.
 - (3) Add the gap surface area of each gap location for the primary seal and the secondary seal individually. Divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the appropriate ratio in the standard in Sec. 60.112a (a)(1)(i) and Sec. 60.112a(a)(1)(ii).
 - (4) Provide the Administrator 30 days prior notice of the gap measurement to afford the Administrator the opportunity to have an observer present.
- (b) The owner or operator of each storage vessel to which this subpart applies which has a vapor recovery and return or disposal system shall provide the following information to the Administrator on or before the date on which construction of the storage vessel commences:
- (1) Emission data, if available, for a similar vapor recovery and return or disposal system used on the same type of storage vessel, which can be used to determine the efficiency of the system. A complete description of the emission measurement method used must be included.
 - (2) The manufacturer's design specifications and estimated emission reduction capability of the system.
 - (3) The operation and maintenance plan for the system.
 - (4) Any other information which will be useful to the Administrator in evaluating the effectiveness of the system in reducing VOC emissions.

D.2.7 Nonapplicability of Standard for Volatile Organic Compounds (VOC's)[40 CFR 60.112b, Subpart Kb]
The requirement from AAF 035-12000, issued May 4, 2000, Condition D.2.3, Standard for Volatile Organic Compounds (VOC's), has not been included in the renewal. This requirement is no longer applicable because Subpart Kb is not applicable to tank 55-3 because the addition in 2000 of a geodome, as well as the switch to distillate service, is not considered a modification because the potential to emit did not increase. Also, the addition of the geodome is not considered a reconstruction because the installation cost was less than 50% of the replacement cost of the tank. Thus, Condition D.2.3 of AAF 035-12000 is hereby rescinded.

D.2.8 Nonapplicability of Testing and Procedures[40 CFR 60.113b, Subpart Kb]

The requirement from AAF 035-12000, issued May 4, 2000, Condition D.2.4, Testing and Procedures, has not been included in the renewal. This requirement is no longer applicable because Subpart Kb is not applicable to tank 55-3 because the addition in 2000 of a geodome, as well as the switch to distillate service, is not considered a modification because the potential to emit did not increase. Also, the addition of the geodome is not considered a reconstruction because the installation cost was less than 50% of the replacement cost of the tank. Thus, Condition D.2.4 of AAF 035-12000 is hereby rescinded.

D.2.9 Nonapplicability of Monitoring of Operations[40 CFR 60.116b, Subpart Kb]

The requirement from AAF 035-12000, issued May 4, 2000, Condition D.2.10, Monitoring of Operations, has not been included in the renewal. This requirement is no longer applicable because Subpart Kb is not applicable to tank 55-3 because the addition in 2000 of a geodome, as well as the switch to distillate service, is not considered a modification because the potential to emit did not increase. Also, the addition of the geodome is not considered a reconstruction because the installation cost was less than 50% of the replacement cost of the tank. Thus, Condition D.2.10 of AAF 035-12000 is hereby rescinded.

D.2.10 Volatile Organic Compound [326 IAC 8-4-3]

Pursuant to 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities) for the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1:

No owner or operator of an affected fixed roof tanks shall permit the use of such facility unless:

- (a) The facility has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall unless the source has been retrofitted with equally effective alternative control which has been approved.
- (b) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.
- (c) All openings, except stub drains, are equipped with covers, lids, or seals such that:
 - (1) the cover, lid, or seal is in the closed position at all times except when in actual use;
 - (2) automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;
 - (3) rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

D.2.11 Hazardous Air Pollutants (HAPs) Limitations [326 IAC 2-8-4]

- (a) The worst case single HAP emissions from the entire source shall not exceed a total of ten (10) tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-7 do not apply. Compliance with this limit is based on the 240,000,000 gallon annual throughput limit of gasoline and/or neat ethanol delivered to the one (1) loading rack.
- (b) The combination of HAPs emissions from the entire source shall not exceed a total of twenty-five (25.0) tons per twelve (12) consecutive month period. Therefore, the requirements of 326 IAC 2-7 do not apply. Compliance with this limit is based on the 240,000,000 gallon annual throughput limit of gasoline and/or neat ethanol delivered to the one (1) loading rack.

D.2.12 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

Compliance Determination Requirements

D.2.13 Performance Testing [40 CFR 60.113b] [326 IAC 12]

The Permittee of Tank 10-5 as specified in 40 CFR 60.112b(a), shall meet the following requirements.

After installing the control equipment required to meet 40 CFR 60.112b(a)(1) (permanently affixed roof and internal floating roof), each Permittee shall:

- (a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the tank with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the Permittee shall repair the items before filling the tank.
- (b) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the tank, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the Permittee shall repair the items or empty and remove the tank from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (c) For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B):
 - (1) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or
 - (2) Visually inspect the vessel as specified in paragraph (a)(2) of this section.
- (d) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the Permittee shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the tank with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.
- (e) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each tank for which an inspection is required by paragraphs (a) and (d) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (d) of this section is not planned and the Permittee could not have known about the inspection 30 days in advance or refilling the tank, the Permittee shall notify the Administrator at least 7 days prior to the refilling of the tank. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in

writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.2.14 Monitoring of Storage Vessels [40 CFR 60.116b] [326 IAC 12]

Pursuant to 40 CFR 60.116b, the Permittee shall comply with the applicable compliance monitoring requirements specified below for Tank 10-5.

- (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.
- (b) The Permittee of each tank as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the tank and an analysis showing the capacity of the tank.
- (c) The Permittee of each tank shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (d) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined in 40 CFR 60.116b(e).
- (e) The permittee of each tank equipped with a closed vent system and control device meeting the specifications of 40 CFR 60.112b is exempt from the requirements of paragraphs (d) above.
- (f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.2.15 Record Keeping Requirements

- (a) To document compliance with Condition D.2.2 the Permittee shall maintain records at the source of the volume in gallons of each fuel received, including purchase orders and invoices necessary to verify the type and amount used;
- (b) To document compliance with Condition D.2.11, the Permittee shall maintain records at the facility of the throughput of gasoline and/or neat ethanol to the one (1) loading rack. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits that may be established in this permit. The records shall contain a minimum of the following:
 - (1) The HAP/VOC ratio of each fuel received;
 - (2) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and
 - (3) Identification of the facility or facilities associated with the usage of each HAP.

D.2.16 Record Keeping Requirements [326 IAC 8-4-3]

Pursuant to 326 IAC 8-4-3(Petroleum Liquid Storage Facilities), for the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, the owners or operators of petroleum liquid storage vessels shall maintain records of the types of volatile petroleum liquid stored, the maximum true vapor pressure of the liquid as stored, and the results of the inspections performed on the storage vessels. Such records shall be maintained for a period of two (2) years and shall be made to the commissioner

upon written request.

D.2.17 Record Keeping Requirements [40 CFR 60.110 Subpart K] [326 IAC 12]

Pursuant to 40 CFR 60.113 subpart K, for the one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 67-2, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage and the maximum true vapor pressure of that liquid during the respective storage period.

D.2.18 Record Keeping Requirements [40 CFR 60.110a Subpart Ka] [326 IAC 12]

Pursuant to 40 CFR 60.115a subpart Ka, for one (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage and the maximum true vapor pressure of that liquid during the respective storage period.

D.2.19 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.2.2 and D.2.11 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

D.2.20 Record Keeping and Reporting [40 CFR 60.115b] [326 IAC 12]

The Permittee of Tank 10-5 as specified in 40 CFR 60.112b(a) shall keep records and furnish reports as required by paragraph (a). The Permittee shall keep copies of all reports and records required by this section for at least 2 years.

- (a) After installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the Permittee shall meet the following requirements.
- (1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).
 - (2) Keep a record of each inspection performed as required by 40 CFR 60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the tank on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
 - (3) If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the tank, the nature of the defects, and the date the tank was emptied or the nature of and date the repair was made.
 - (4) After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the tank and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made.
- (b) To document compliance with Condition D.2.14, the Permittee shall maintain records as specified in condition D.2.14 fulfilling the requirements for monitoring of storage vessels.

- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Marathon Petroleum Company LLC.
Source Address: 2100 East State Road 28, Muncie, Indiana 47303
Mailing Address: 2100 East State Road 28, Muncie, Indiana 47303
FESOP No.: F 035-13954-00019

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify) _____
- Report (specify) _____
- Notification (specify) _____
- Affidavit (specify) _____
- Other (specify) _____

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
Phone: 317-233-5674
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Marathon Petroleum Company LLC.
Source Address: 2100 East State Road 28, Muncie, Indiana 47303
Mailing Address: 2100 East State Road 28, Muncie, Indiana 47303
FESOP No.: F 035-13954-00019

This form consists of 2 pages

Page 1 of 2

9 This is an emergency as defined in 326 IAC 2-7-1(12)
☐ The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
☐ The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Marathon Petroleum Company LLC.
Source Address: 2100 East State Road 28, Muncie, Indiana 47303
Mailing Address: 2100 East State Road 28, Muncie, Indiana 47303
FESOP No.: F 035-13954-00019
Facilities: One (1) loading rack and storage tanks
Parameter: Gasoline and/or neat ethanol loaded
Limit: 240,000,000 gallons of gasoline and/or neat ethanol per twelve (12) consecutive month period, equivalent to HAPs emissions of less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year for the combination of HAPs, and less than one-hundred (100) tons per year of VOC.

YEAR: _____

Month	Gasoline and/or neat ethanol (gal)	Gasoline and/or neat ethanol (gal)	Gasoline and/or neat ethanol (gal)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on:

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Marathon Petroleum Company LLC.
 Source Address: 2100 East State Road 28, Muncie, Indiana 47303
 Mailing Address: 2100 East State Road 28, Muncie, Indiana 47303
 FESOP No.: F 035-13954-00019

Months: _____ **to** _____ **Year:** _____

<p>This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<p><input checked="" type="radio"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.</p>	
<p><input checked="" type="radio"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	

Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

- 9 No deviation occurred in this quarter.
 - 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____
- Form Completed By: _____
- Title/Position: _____
- Date: _____
- Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit

Source Background and Description

Source Name:	Marathon Petroleum Company LLC
Source Location:	2100 East State Road 28, Muncie, Indiana 47303
County:	Delaware
SIC Code:	5171
Operation Permit No.:	F 035-13954-00019
Operation Permit Issuance Date:	March 18, 2002
Significant Permit Revision No.:	SPR 035-21279-00019
Permit Reviewer:	Craig J. Friederich

The Office of Air Quality (OAQ) has reviewed a significant permit revision application from Marathon Petroleum Company LLC, formerly Marathon Ashland Petroleum LLC, relating to the construction and operation of an internal floating roof on the existing tank 10-5, which currently stores kerosene. This tank is listed as an insignificant activity. The addition of the floating roof will allow the tank to store gasoline, ethanol, or distillate (kerosene). Marathon Petroleum Company LLC is also going to be adding Lexan sight lenses to the existing loading rack. The addition of these sight lenses will require the addition of gasketed fittings which will increase the fitting count and will increase the fugitive emissions from the loading rack. There are no changes to the description of the loading rack due to the addition of the sight lenses. The name of the source has also been changed to Marathon Petroleum Company LLC. The source has requested that Tank 10-5 be included as a significant instead of an insignificant activity. This will make it easier for their records. The change is as follows:

- (a) ~~Tank 10-5, fixed roof tank, (kerosene), installed on January 1, 1949, capacity: 391,734 gallons;~~ Tank 55-10, fixed roof tank, No. 2 fuel oil, installed on January 1, 1955, capacity: 2,174,340 gallons; Tank T-8, fixed roof tank, Transmix, installed in January 1, 1949, capacity: 32,928 gallons; Tank AA 8-1, fixed roof tank, gasoline additive, installed in January 1, 1980, capacity: 7,288 gallons; Tank AA 10-2, fixed roof tank, gasoline additive, installed in January 1, 1991, capacity: 10,368 gallons; Oil/Water Separator, underground tank, oil/water mix.
- (b) **One (1) gasoline, distillate, or ethanol liquid storage tank, identified as Tank 10-5, equipped with an internal floating roof, installed on January 1, 1949 and modified in 2005, capacity: 391,734 gallons.**

History

On May 16, 2005, Marathon Petroleum Company LLC submitted an application to the OAQ requesting to add an internal floating roof to tank 10-5, as well as add Lexan sight lenses to the loading rack at their existing plant. Marathon Petroleum Company LLC, formerly Marathon Ashland Petroleum LLC was issued a Federally Enforceable State Operating Permit (FESOP) on March 18, 2002.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the FESOP Significant Permit Revision be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on May 16, 2005. Additional information was received on July 6 and July 29, 2005.

Emission Calculations

See page 1 of 1 of Appendix A of this document for detailed fugitive emissions calculations from the addition of the Lexan sight lenses at the loading rack. The potential to emit VOC from the addition of the Lexan sight lenses is 1.45 tons per year, which are fugitive emissions. The potential to emit has increased from 0.16 to 1.61 tons per year. The source ran the TANKS 4.0 program to calculate the increase in the potential to emit from the tank 10-5 being able to store gasoline, ethanol, or distillate (Kerosene). The potential to emit VOC is 1.21 tons per year, based on this program.

Potential To Emit of Revision

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA.

This table reflects the PTE before controls for this revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	--
PM ₁₀	--
SO ₂	--
VOC	2.66
CO	--
NO _x	--

HAPs	Potential To Emit (tons/year)
TOTAL	--

Note that 1.45 tons of the total 2.66 tons of VOC per year of this revision are from fugitive emissions.

Justification for Revision

The FESOP is being revised through a FESOP Significant Permit Revision. This revision is being performed pursuant to 326 IAC 2-8-11.1 (f)(1), because the requirements of 40 CFR 60 Subpart XX are incorporated into this revision.

County Attainment Status

The source is located in Delaware County.

Pollutant	Status
PM _{2.5}	Attainment
PM ₁₀	Attainment
SO ₂	Attainment
NO ₂	Attainment
1-Hour Ozone	Attainment
8-Hour Ozone	Basic Nonattainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Delaware County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements of 326 IAC 2-3, Emission Offset. See the State Rule Applicability - Entire Source section of this document.
- (b) Delaware County has been classified as unclassifiable or attainment for PM_{2.5}. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM_{2.5} emissions. Therefore, until the U.S. EPA adopts specific provisions for PSD review for PM_{2.5} emissions, it has directed states to regulate PM₁₀ emissions as surrogate for PM_{2.5} emissions. See the State Rule Applicability for the source section.
- (c) Delaware County has been classified as attainment or unclassifiable in Indiana for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability - Entire Source section of this document.
- (d) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 2-3 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Source Status

Existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8,760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	5.00
PM ₁₀	5.00
SO ₂	0.0002
VOC	68.1
CO	0.033
NO _x	0.039

- (a) This existing source is not a major stationary source because no nonattainment regulated pollutant is emitted at a rate of one-hundred (100) tons per year, and no attainment regulated pollutant is emitted at a rate of two-hundred fifty (250) tons per year or more, and it is not one of the twenty-eight (28) listed source categories.
- (b) These emissions are based upon the Technical Support Document (TSD) for the Federally Enforceable State Operating Permit F 035-13954-00019.

Potential to Emit of Revision After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this FESOP revision.

Process/facility	Potential to Emit (tons/year)						
	PM	PM ₁₀	SO ₂	VOC	CO	NO _x	HAPs
Proposed Revision	--	--	--	1.21	--	--	--
PSD or Offset Threshold Level	250	250	250	100	250	100	-

This revision to an existing minor stationary source is not major because the emission increase is less than the PSD threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

This revision to an existing minor stationary source is not major because the emission increase is less than the Emission Offset threshold levels. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Federal Rule Applicability

- (a) The requirements of 40 CFR 60.500 through 60.506, Subpart XX apply to this modification because the addition of the Lexan sight lenses is considered a modification to the existing

loading rack because the potential to emit VOC is increasing as a result of this change. Therefore, the requirements of this rule apply to the loading rack. The Permittee of each bulk gasoline terminal containing an affected facility shall comply with the following requirements:

- (1) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.
- (2) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.
- (3) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
- (4) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - (A) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (B) The Permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
 - (C) The Permittee shall cross-check each tank identification number obtained in paragraph (4)(B) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (i) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (ii) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semi-annually.

If either the quarterly or semiannual cross-check provided in paragraphs (4)(C) (i) and (ii) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.
 - (D) The terminal Permittee shall notify the Permittee of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (4)(C) of this section.
 - (E) The terminal Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

- (F) Alternate procedures to those described in paragraphs (4)(A) through (E) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.
 - (5) The Permittee shall act to assure that loadings 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.
 - (6) The Permittee 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 of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
 - (7) 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 (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).
 - (8) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
 - (9) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, 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.
- (b) On October 15, 2003, revisions to 40 CFR 60, Subpart Kb, became effective. As of the date this permit is being issued these revisions have not been incorporated into the Indiana state rules. Therefore, the requirements from the previous version of 40 CFR 60, Subpart Kb, published in the federal register on August 8, 1987, which is referenced by 326 IAC 12, will remain applicable until the revisions are incorporated into the Indiana State Implementation Plan (SIP) and the condition is modified in a subsequent permit action.

The addition of the floating roof to Tank 10-5 is considered a modification because the addition of this roof will allow the tank to be used for storage of gasoline, ethanol or distillate. This will increase the potential to emit because currently the tank can only store kerosene. Therefore, Pursuant to 40 CFR 52 Subpart P and 326 IAC 12 the requirements of 40 CFR 60, Subpart Kb are applicable to this modification.

- (1) Pursuant to 326 IAC 12 and 40 CFR 60.112b, the owner or operator of Tank 10-5 shall equip each tank with the following:

A fixed roof in combination with an internal floating roof meeting the following specifications:

- (i) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be

continuous and shall be accomplished as rapidly as possible.

- (ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
 - (aa) A foam-or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam-or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
 - (bb) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (cc) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- (iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
- (iv) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
- (v) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
- (vi) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
- (vii) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
- (viii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
- (ix) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

- (2) Pursuant to 326 IAC 12 and 40 CFR 60.113b, the owner or operator of Tank 10-5 shall perform the following:
- (A) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.
 - (B) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in § 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
 - (C) For vessels equipped with a double-seal system as specified in § 60.112b(a)(1)(ii)(B):
 - (i) Visually inspect the vessel as specified in paragraph(4) of this section at least every 5 years; or
 - (ii) Visually inspect the vessel as specified in paragraph(2) of this section.
 - (D) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (2) and (3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (3)(i) of this section.
 - (E) Notify the Administrator (IDEM) in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by

paragraphs (1) and (4) of this section to afford the Administrator (IDEM) the opportunity to have an observer present. If the inspection required by paragraph (4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator (IDEM) at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator (IDEM) at least 7 days prior to the refilling.

- (c) The requirements of the Gasoline Distribution NESHAP 40 CFR Part 63, Subpart R, Gasoline Distribution are not included in this permit. Marathon Petroleum Company LLC. continues all limits which make this source a minor source of HAPs.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

The limited potential to emit of all attainment criteria pollutants is still limited to less than two-hundred fifty (250) tons per year, source wide. This limitation ensures that the emissions from the entire source are less than two hundred-fifty (250) tons per year, which renders the requirements of 326 IAC 2-2 not applicable.

326 IAC 2-3 (Emission Offset)

The potential to emit VOC from this revision is less than the Emission Offset threshold of one hundred (100) tons per year. Therefore, this proposed revision is a minor modification to an existing minor source pursuant to 326 IAC 2-3.

The limited potential to emit of all VOC is still limited to less than one-hundred (100) tons per year, source wide. This limitation ensures that the emissions from the entire source are less than one-hundred (100) tons per year, which renders the requirements of 326 IAC 2-3 not applicable.

326 IAC 2-8-4 (FESOP)

Pursuant to this rule, the amount of PM₁₀, SO₂, VOC, CO and NO_x shall be limited to less than one hundred (100) tons per year. In addition, the amount of a single HAP shall be limited to less than ten (10) tons per year and the combination of all HAPs shall be limited to less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 2-7, do not apply. Pursuant to F 035-13954-00019, in order to comply with these limits, the annual throughput of gasoline and/or neat ethanol delivered to the one (1) loading rack shall be limited to 240,000,000 gallons per twelve (12) consecutive month period. This throughput limit will not change as a result of this modification.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

Pursuant to 326 IAC 8-4-1, the requirements of 326 IAC 8-4-3 are not applicable to Tank 10-5, because this tank does not meet the definition of a new source. The tank was installed in 1949, prior to the applicability date of January 1, 1980.

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules

contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

Tank 10-5 has applicable compliance monitoring conditions as specified below:

The internal floating roof storage tank, known as Tank 10-5 must comply with requirements specified in NSPS Subpart Kb (40 CFR 60.112b)

These monitoring conditions are necessary to comply with the NSPS Subpart Kb.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

Change 1:

The following conditions have been revised as a result of the addition of the Lexan sight lenses on the loading rack, which triggers the requirements of NSPS Subpart XX:

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60 Subpart A - General Provisions, which are incorporated as 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 60.500, Subpart XX.

D.1.2 Standard for Volatile Organic Compound (VOC) Emissions From Bulk Gasoline Terminals, Subpart XX [40 CFR 60.502] [326 IAC 12-1]

On and after the date on which 40 CFR 60.8(a) requires a performance test to be completed, the Permittee of each bulk gasoline terminal containing an affected facility shall comply with the following requirements:

- (a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.**
- (b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.**
- (c) Each vapor collection system shall be designed to prevent any total organic com-**

pounds vapors collected at one loading rack from passing to another loading rack.

- (d) **Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:**
- (1) **The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.**
 - (2) **The Permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.**
 - (3) **The Permittee shall cross-check each tank identification number obtained in paragraph (d)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:**
 - (A) **If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or**
 - (B) **If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.**
- If either the quarterly or semiannual cross-check provided in paragraphs (d)(3) (A) and (B) reveals that these conditions were not maintained, the source must return to bi-weekly monitoring until such time as these conditions are again met.**
- (4) **The terminal Permittee shall notify the Permittee of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (d)(3) of this section.**
 - (5) **The terminal Permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.**
 - (6) **Alternate procedures to those described in paragraphs (d)(1) through (5) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.**
- (e) **The Permittee shall act to assure that loadings 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.**
- (f) **The Permittee 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 of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.**
- (g) **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 (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).**
- (h) **No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall**

begin to open at a system pressure less than 4,500 pascals (450 mm of water).

- (i) **Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, 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.**

D.1.79 VOC and HAPs

In order to comply with Conditions D.1.24, ~~and D.1.4, and D.1.64~~, the carbon adsorber vapor recovery unit, or one (1) of the three (3) backup trailer mounted thermal incinerators for VOC and HAPs control shall be in operation and control emissions from the loading rack at all times gasoline is being loaded.

D.1.810 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]

- (a) To demonstrate compliance with Conditions **D.1.2 and D.1.42** a compliance stack test shall be performed between May 7, 2002 and November 7, 2002 which corresponds to five (5) years since the latest valid stack test plus one hundred and eighty (180) days at the carbon adsorber vapor recovery unit. This test shall be performed according to 40 CFR 60, Appendix A, Methods 25 and 25A.
- (b) If the commissioner allows alternative test procedures in subsection (a)(1) or (c)(1)(B) of Condition D.1.35, such method shall be submitted to the U.S. EPA as a SIP revision.
- (c) During compliance tests conducted under 326 IAC 3-6 (stack testing), each vapor balance or control system shall be tested applying the standards described in subsection (c)(1)(B) of Condition D.1.35. Testers shall use 40 CFR 60, Appendix A, Method 21 to determine if there are any leaks from the hatches and the flanges of the gasoline transports. If any leak is detected, the transport cannot be used for the capacity of the compliance test of the bulk gas terminal. The threshold for leaks shall be as follows:
- (1) Five hundred (500) parts per million methane for all bulk gas terminals subject to NESHAP/MACT (40 CFR 63, Subpart R).
 - (2) Ten thousand (10,000) parts per million methane for all bulk gas terminals subject to a New Source Performance Standard.

D.1.11 Test Methods and Procedures, Subpart XX [40 CFR 60.503] [326 IAC 12-1]

- (a) **In conducting the performance tests required in 40 CFR 60.8, the Permittee shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b). The three-run requirement of 40 CFR 60.8(f) does not apply to this subpart.**
- (b) **Immediately before the performance test required to determine compliance with 40 CFR 60.502 (b), (c), and (h), the Permittee shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The Permittee shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.**

(c) The Permittee shall determine compliance with the standards in 40 CFR 60.502 (b) and (c) as follows:

- (1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- (2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- (3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K \sum_{i=1}^n \frac{V_{esi} \cdot C_{ei}}{L \cdot 10^6}$$

where: E = emission rate of total organic compounds, mg/liter of gasoline loaded.

V_{esi} = volume of air-vapor mixture exhausted at each interval "i", scm.

C_{ei} = concentration of total organic compounds at each interval "i", ppm.

L = total volume of gasoline loaded, liters.

n = number of testing intervals.

i = emission testing interval of 5 minutes.

K = density of calibration gas, 1.83×10^6 for propane and 2.41×10^6 for butane, mg/scm.

- (4) The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- (5) The following methods shall be used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval:

- (i) **Method 2B shall be used for combustion vapor processing systems.**
 - (ii) **Method 2A shall be used for all other vapor processing systems.**
- (6) **Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The Permittee may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.**
- (7) **To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.**
- (d) **The Permittee shall determine compliance with the standard in 40 CFR 60.502(h) as follows:**
 - (1) **A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.**
 - (2) **During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.**

D.1.912 Carbon Adsorber and Thermal Incinerator Operation

- (a) For the one (1) carbon adsorber, to document compliance with Condition D.1.79, the Permittee shall perform checks of the key operating parameters, including bed pressure and vacuum level, once per scheduled working day. During all other days, the Permittee shall maintain a control circuit which prevents the loading of gasoline and alerts the facility's operators when a fault condition exists. The Compliance Response Plan for this unit shall contain troubleshooting contingency and corrective actions for when a fault condition exists. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (b) For the three (3) backup trailer mounted thermal incinerators, to document compliance with Condition D.1.79, the Permittee shall perform checks of the key operating parameters, including pilot flame presence, once per scheduled working day. During all other days, the Permittee shall maintain a control circuit which prevents the loading of gasoline and alerts the facility's operators when the pilot flame is not present. The Compliance Response Plan for this unit shall contain troubleshooting contingency and corrective actions for when the presence of a flame is not detected. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

D.1.103 Record Keeping Requirements

- (a) To document compliance with Condition D.1.43, the Permittee shall maintain records at the source of the volume in gallons of each fuel received, including purchase orders and invoices necessary to verify the type and amount used;
- (b) To document compliance with **Condition D.1.35**, the owner or operator of a vapor balance or vapor control system subject to this section shall maintain records of all certification testing. The records shall identify the following:
- (1) The vapor balance, vapor collection, or vapor control system.
 - (2) The date of the test and, if applicable, retest.
 - (3) The results of the test and, if applicable, retest.

The records shall be maintained in a legible, readily available condition for at least two (2) years after the date the testing and, if applicable, retesting were completed.

- (c) To document compliance with Condition D.1.35, the owner or operator of a gasoline transport subject to this section shall keep a legible copy of the transport's most recent valid annual modified 40 CFR 60, Appendix A, Method 27 test either in the cab of the transport or affixed to the transport trailer. The test record shall identify the following:
- (1) The gasoline transport.
 - (2) The type and date of the test and, if applicable, date of retest.
 - (3) The test methods, test data, and results certified as true, accurate, and in compliance with this rule by the person who performs the test.

This copy shall be made available immediately upon request to the department and to the owner of the loading facility for inspection and review. The department shall be allowed to make copies of the test results.

- (d) To document compliance with Condition D.1.35, the Permittee shall maintain records of the following:
- (1) Certification testing required under Condition D.1.810(b), and
 - (2) Test required under Condition D.1.810(c).
- (e) To document compliance with Condition D.1.46 and Condition D.1.57, the Permittee shall maintain records at the facility of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits that may be established in this permit. The records shall contain a minimum of the following:
- (1) The HAP/VOC ratio of each fuel received;
 - (2) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and
 - (3) Identification of the facility or facilities associated with the usage of each HAP.

- (f) To document compliance with Condition D.1.911, the Permittee shall maintain records of the following operation parameters of the carbon adsorber vapor recovery unit:
 - (1) bed pressure; and
 - (2) vacuum level.

- (g) To document compliance with Condition D.1.911, the Permittee shall maintain records of the following operation parameters of the backup portable thermal incinerator when in use:
 - pilot flame presence

D.1.14 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.43, D.1.46, and D.1.57 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.

D.1.15 NSPS Reporting Requirement [326 IAC 12-1] [Subpart XX, 40 CFR 60.500]

Pursuant to the New Source Performance Standards (NSPS), 40 CFR Part 60.500, Subpart XX, the source owner/operator is hereby advised of the requirement to report the date of performance testing (at least 30 days prior to such date), when required by a condition elsewhere in this permit.

Reports are to be sent to:

**Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204**

The application and enforcement of these standards have been delegated to the IDEM OAQ. The requirements of 40 CFR Part 60 are also federally enforceable.

D.1.16 Reporting and Record Keeping [Subpart XX, 40 CFR 60.505] [326 IAC 12-1]

- (a) **The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal, electronically or a paper copy, with a permanent paper copy form available for inspection upon request.**

- (b) **The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:**
 - (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.**
- (8) **Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).**
- (c) **A record of each monthly leak inspection required under 40 CFR 60.502(j) shall be kept on file at the terminal for at least two (2) years. Inspection records shall include, as a minimum, the following information:**
 - (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 fifteen (15) days).**
 - (5) **Inspector name and signature.**
- (d) **The terminal Permittee shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least two (2) years.**
- (e) **The Permittee of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least three (3) years.**

Change 2:

The following conditions have been revised as a result of the addition of the internal floating roof on Tank 10-5. Please note that the tank has been removed from the insignificant activity list and added to the general equipment list:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (e) **One (1) gasoline, distillate, or ethanol liquid storage tank, identified as Tank 10-5, equipped with an internal floating roof, installed on January 1, 1949, modified in 2005, capacity: 391,734 gallons.**
- (ef) One (1) loading rack, installed in 1979, equipped with one (1) carbon adsorber vapor recovery unit, installed in 1995, and three (3) backup trailer mounted thermal incinerators.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (h) ~~Tank 10-5, fixed roof tank, (kerosene), installed on January 1, 1949, capacity: 391,734 gallons; Tank 55-10, fixed roof tank, No. 2 fuel oil, installed on January 1, 1955, capacity: 2,174,340 gallons; Tank T-8, fixed roof tank, Transmix, installed in January 1, 1949, capacity: 32,928 gallons; Tank AA 8-1, fixed roof tank, gasoline additive, installed in January 1, 1980, capacity:~~

7,288 gallons; Tank AA 10-2, fixed roof tank, gasoline additive, installed in January 1, 1991, capacity: 10,368 gallons; Oil/Water Separator, underground tank, oil/water mix.

SECTION D.2 FACILITY OPERATION CONDITIONS

<p>Facility Description [326 IAC 2-8-4(10)]:</p> <p>(a) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 55-3, installed in 1949, equipped with a geodome, installed in 2000, capacity: 2,310,000 gallons.</p> <p>(b) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 67-2, installed in 1974, capacity: 2,704,800 gallons.</p> <p>(c) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 10-7, installed in 1949, capacity: 391,482 gallons.</p> <p>(d) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as 30-1, installed in 1981, capacity: 1,150,632 gallons.</p> <p>(e) One (1) gasoline, distillate, or ethanol liquid storage tank, identified as Tank 10-5, equipped with an internal floating roof, installed on January 1, 1949, modified in 2005, capacity: 391,734 gallons.</p> <p>Insignificant Tanks</p> <p>(h) Tank 10-5, fixed roof tank, (kerosene), installed on January 1, 1949, capacity: 391,734 gallons; Tank 55-10, fixed roof tank, No. 2 fuel oil, installed on January 1, 1955, capacity: 2,174,340 gallons; Tank T-8, fixed roof tank, Transmix, installed in January 1, 1949, capacity: 32,928 gallons; Tank AA 8-1, fixed roof tank, gasoline additive, installed in January 1, 1980, capacity: 7,288 gallons; Tank AA 10-2, fixed roof tank, gasoline additive, installed in January 1, 1991, capacity: 10,368 gallons; Oil/Water Separator, underground tank, oil/water mix.</p> <p>(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)</p>
--

D.2.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [40 CFR 63, Subpart A]

The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR 63 Subparts K and, Ka, and Kb.

D.2.5 Standards for Volatile Organic Compounds Emissions from Storage Vessels [40 CFR 60.112b] [Subpart Kb] [326 IAC 12]

Pursuant to 326 IAC 12 and 40 CFR 60.112b, the Permittee shall equip Tank 10-5 with a fixed roof in combination with an internal floating roof meeting the following specifications:

- (a) **The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a tank that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the tank is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.**
- (b) **Each internal floating roof shall be equipped with one of the following closure devices between the wall of the tank and the edge of the internal floating roof:**

- (1) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the tank and the floating roof continuously around the circumference of the tank.
 - (2) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (3) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the tank by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- (c) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
 - (d) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - (e) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - (f) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - (g) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
 - (h) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
 - (i) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

D.2.13 Performance Testing [40 CFR 60.113b] [326 IAC 12]

The Permittee of Tank 10-5 as specified in 40 CFR 60.112b(a), shall meet the following requirements.

After installing the control equipment required to meet 40 CFR 60.112b(a)(1) (permanently affixed roof and internal floating roof), each Permittee shall:

- (a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the tank with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the Permittee shall repair the items before filling the tank.
- (b) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the tank, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the Permittee shall repair the items or empty and remove the tank from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (c) For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B):

 - (1) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or
 - (2) Visually inspect the vessel as specified in paragraph (a)(2) of this section.
- (d) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the Permittee shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the tank with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.
- (e) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each tank for which an inspection is required by paragraphs (a) and (d) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (d) of this section is not planned and the Permittee could not have known about the inspection 30 days in advance or refilling the tank, the Permittee shall notify the Administrator at least 7 days prior to the refilling of the tank. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

D.2.14 Monitoring of Storage Vessels [40 CFR 60.116b] [326 IAC 12]

Pursuant to 40 CFR 60.116b, the Permittee shall comply with the applicable compliance monitoring requirements specified below for Tank 10-5.

- (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.
- (b) The Permittee of each tank as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the tank and an analysis showing the capacity of the tank.
- (c) The Permittee of each tank shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (d) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined in 40 CFR 60.116b(e).
- (e) The Permittee of each tank equipped with a closed vent system and control device meeting the specifications of 40 CFR 60.112b is exempt from the requirements of paragraphs (d) above.
- (f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.20 Record Keeping and Reporting [40 CFR 60.115b] [326 IAC 12]

The Permittee of Tank 10-5 as specified in 40 CFR 60.112b(a) shall keep records and furnish reports as required by paragraph (a). The Permittee shall keep copies of all reports and records required by this section for at least 2 years.

- (a) After installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the Permittee shall meet the following requirements.
 - (1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).
 - (2) Keep a record of each inspection performed as required by 40 CFR 60.113b(a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the tank on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
 - (3) If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the tank, the nature of the defects, and the date the tank was emptied or the nature of and date the repair was made.

- (4) **After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the tank and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made.**
- (b) **To document compliance with Condition D.2.14, the Permittee shall maintain records as specified in condition D.2.14 fulfilling the requirements for monitoring of storage vessels.**
- (c) **All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.**

Change 3:

The name of the Technical Support and Modeling Section has been changed to Billing, Licensing, and Training Section, and the phone number has changed as shown below:

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 ~~4320~~ (ask for OAQ, ~~Technical Support and Modeling~~ **Billing, Licensing and Training** Section), to determine the appropriate permit fee.

Change 4:

Indiana was required to incorporate credible evidence provisions into state rules consistent with the SIP call published by U.S. EPA in 1997 (62 FR 8314). Indiana has incorporated the credible evidence provision in 326 IAC 1-1-6. This rule is effective March 16, 2005; therefore, the condition reflecting this rule will be incorporated into the permit as follows:

B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

Change 5:

Please note the name of the company has been changed to Marathon Petroleum Company LLC. This has been updated throughout the FESOP.

Conclusion

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 035-21279-00019.

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document for a
Significant Permit Revision to a Federally Enforceable State Operating Permit (FESOP)

Source Name:	Marathon Petroleum Company LLC
Source Location:	2100 East State Road 28, Muncie, Indiana 47303
County:	Delaware
SIC Code:	5171
Operation Permit No.:	F 035-13954-00019
Significant Permit Revision No.:	SPR 035-21279-00019
Permit Reviewer:	Craig J. Friederich

On October 18, 2005, the Office of Air Quality (OAQ) had a notice published in the Muncie Star Press, Muncie, Indiana, stating that Marathon Petroleum Company LLC had applied for a Significant Permit Revision to a Federally Enforceable State Operating Permit (FESOP) to install additional sight lenses on their existing loading rack, and to install an internal floating roof on their existing storage tank, identified as Tank 10-5. The notice also stated that OAQ proposed to issue a Significant Permit Revision to a FESOP for this operation and provided information on how the public could review the proposed Significant Permit Revision to a FESOP and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this Significant Permit Revision to a FESOP should be issued as proposed.

On November 23, 2005, William J. Day of Marathon Petroleum Company, LLC, submitted comments on the proposed Significant Permit Revision to a FESOP. The comments are as follows: The permit language, if changed, has deleted language as ~~strikeouts~~ and new language **bolded**.

Comment 1:

D.1.13(a) This condition requires we maintain copies of purchase orders and invoices necessary to verify the type and amount of each fuel received. Normally, the pipeline shipments do not have invoices or purchase orders for documentation. Rather, they rely on a pipeline receipt ticket. We also receive a monthly tank throughput and monthly loading rack throughput report listing the type and amount of each fuel received. Would it be possible to amend the language in this condition to reflect this?

Response 1:

Condition D.1.13(a) has been revised to allow for the use of a pipeline receipt ticket to verify the type and amount of each fuel received at the source. The change is as follows:

D.1.13 Record Keeping Requirements

- (a) To document compliance with Condition D.1.3, the Permittee shall maintain records at the source of the volume in gallons of each fuel received **per month**, including purchase orders and invoices, **or a monthly pipeline receipt ticket**, necessary to verify the type and amount used;

Upon further review, the OAQ has decided to make the following changes to the FESOP: The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language is **bolded**):

Change 1:

The equipment list in Section A.2 and D.2 has been revised to indicate that the loading rack has been modified in 2005 to install additional sight lenses. The potential to emit VOC has increased by 2.66

tons per year as a result of this revision, as shown on page 2 of the TSD. The change is as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (f) One (1) loading rack, installed in 1979, **modified in 2005 to include additional sight lenses**, equipped with one (1) carbon adsorber vapor recovery unit, installed in 1995, and three (3) backup trailer mounted thermal incinerators.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

One (1) loading rack, installed in 1979, **modified in 2005 to include additional sight lenses**, equipped with one (1) carbon adsorber vapor recovery unit, installed in 1995, and three (3) backup trailer mounted thermal incinerators.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Change 2:

The requirements of NSPS Subpart XX have been triggered since the potential to emit VOC has increased as a result of this revision, and, therefore, the testing requirements pursuant to this rule have been added to test the loading rack to ensure compliance with the applicable requirements of this NSPS. Therefore, Condition D.1.10(d) has been added as follows:

D.1.10 Testing Requirements [326 IAC 2-8-5(a)(1), (4)] [326 IAC 2-1.1-11]

- (d) **Within 60 days after installation of the sight lenses in the existing loading rack, but no later than 180 days after issuance of Significant Permit Revision 035-21279-00019, in order to demonstrate compliance with NSPS Subpart XX, the Permittee shall perform testing utilizing the methods and procedures specified in Condition D.1.2. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration.**

Change 3:

Since the operations on site have a lock out control circuit, the recording of key operating parameters, including bed pressure and vacuum level, are not necessary. In addition, the references to the Compliance Response Plan have been deleted. Therefore, Condition D.1.12 has been revised as follows:

D.1.12 Carbon Adsorber and Thermal Incinerator Operation

- (a) For the one (1) carbon adsorber, to document compliance with Condition D.1.9, the Permittee shall perform checks of the key operating parameters, including bed pressure and vacuum level, once per scheduled working day. During all other days, the Permittee shall maintain a control circuit **at all times** which prevents the loading of gasoline and alerts the facility's operators when a fault condition exists. ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and corrective actions for when~~ **If a fault condition exists the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances.** Failure to take response steps in accordance with Section C ~~Compliance Response Plan Preparation, Implementation, Records, and~~

~~Reports,~~ **Response to Excursions or Exceedances** shall be considered a deviation from this permit.

- (b) For the three (3) backup trailer mounted thermal incinerators, to document compliance with Condition D.1.79, the Permittee shall ~~perform checks of the key operating parameters, including pilot flame presence, once per scheduled working day. During all other days, the Permittee shall~~ maintain a control circuit which prevents the loading of gasoline and alerts the facility's operators when the pilot flame is not present. ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and corrective actions for when~~ **If a fault condition exists the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances.** Failure to take response steps in accordance with Section C ~~Compliance Response Plan Preparation, Implementation, Records, and Reports,~~ **Response to Excursions or Exceedances** shall be considered a deviation from this permit.

Change 4:

IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request, records of preventive maintenance in order to establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has revised Condition B.13 (Preventive Maintenance Plan), and has amended Condition B.14 (Emergency Provisions) as follows:

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- ~~(b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.~~
- (b e)** A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- ~~(c) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~

- (c d) **To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.**

B.14 Emergency Provisions [326 IAC 2-8-12]

~~(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.~~

~~(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:~~

~~(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;~~

~~(2) The permitted facility was at the time being properly operated;~~

~~(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;~~

~~(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~

~~Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,~~

~~Telephone No.: 317-233-5674 (ask for Compliance Section)~~

~~Facsimile No.: 317-233-5967~~

~~Failure to notify IDEM, OAQ, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]~~

~~(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:~~

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204~~

~~within two (2) working days of the time when emission limitations were exceeded due to the emergency.~~

~~The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:~~

~~(A) A description of the emergency;~~

~~(B) — Any steps taken to mitigate the emissions; and~~

~~(C) — Corrective actions taken.~~

~~The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(6) — The Permittee immediately took all reasonable steps to correct the emergency.~~

~~(c) — In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.~~

~~(d) — This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.~~

~~(e) — IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.~~

~~(f) — Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.~~

~~(g) — Operations may continue during an emergency only if the following conditions are met:~~

~~(1) — If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~

~~(2) — If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:~~

~~(A) — The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~

~~(B) — Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.~~

~~Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.~~

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-8-4(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

- (f) **Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.**
- (g) **If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.**
- (h) **The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.**

Change 5:

IDEM has clarified Condition B.19 (Operational Flexibility) as follows:

B.19 Operational Flexibility [326 IAC 2-8-15]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any **preconstruction** approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the ~~emissions allowable under~~ **limitations provided in** this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site, **on a rolling five (5) year basis**, which document, ~~on a rolling five (5) year basis~~, all such changes and emissions ~~trading trades~~ that are subject to 326 IAC 2-8-15(b) through (d). ~~and makes~~ **The Permittee shall make** such records available, upon reasonable request, for ~~to~~ public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-8-15(a) and the following additional conditions:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.
- The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.
- (c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade **emissions** increases and decreases ~~in emissions in~~ at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) **Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.**

Change 6:

Since the requirements of Condition C.6 (Operation of Equipment) have been incorporated in the D Sections, Condition C.6 has been removed from the permit, as follows, and the remainder of Section C is renumbered accordingly:

~~C.6 — Operation of Equipment [326 IAC 2-7-6(6)]~~

~~Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit(s) vented to the control equipment is in operation.~~

Change 7:

IDEM has reconsidered the requirement to develop and follow a Compliance Response Plan. The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. The following changes have been made to Condition C.13:

C.143 ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~
Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

- ~~(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on-site, and comprised of:~~
- ~~(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.~~
 - ~~(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (c) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.~~
- ~~(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:~~
- ~~(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or~~
 - ~~(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.~~
 - ~~(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, IDEM, OAQ shall promptly notify of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.~~
 - ~~(4) Failure to take reasonable response steps shall constitute a violation of the permit.~~
- ~~(c) The Permittee is not required to take any further response steps for any of the following reasons:~~
- ~~(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.~~
 - ~~(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.~~
 - ~~(3) An automatic measurement was taken when the process was not operating.~~
 - ~~(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.~~

- ~~(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.~~
- ~~(e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.~~
- ~~(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.~~
- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.**
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:**
- (1) initial inspection and evaluation;**
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or**
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.**
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:**
- (1) monitoring results;**
 - (2) review of operation and maintenance procedures and records;**
 - (3) inspection of the control device, associated capture system, and the process.**
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.**
- (e) The Permittee shall maintain the following records:**
- (1) monitoring data;**
 - (2) monitor performance data, if applicable; and**
 - (3) corrective actions taken.**

Change 8:

The last four digits (2251) have been added to the IDEM, OAQ ZIP code throughout the permit.

Company Name: Marathon Petroleum Company LLC
 Address City IN Zip: 2100 East State Road 28, Muncie, IN 47303
 Permit Number: SPR 035-21279
 Pit ID: 035-00019
 Reviewer: Craig J. Friederich
 Application Date: May 16, 2005

Sources (tanks, lanes, rack, etc.)	Flanges/ Connectors	Penflex/ Dresser Couplings	Loading Arms	Meters	Pressure Relief/ Ball Valves	Pump Seals	Valves
	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
Liquid Sources:							
Load rack - North lane	68	18	6	10	53	0	28
Load rack - South lane	75	21	7	11	57	0	33
Transmix/Prover Pump Off	1	0	0	0	2	1	7
Ethanol Unload	1	0	0	1	1	1	7
Distribution Manifold	73	0	0	0	36	0	9
Receipt Manifold at MAPL	17	0	0	0	11	0	13
Main E/W Piping Corridor	6	0	0	0	0	0	0
Main N/S Piping Corridor	40	0	0	0	3	0	2
Tank 30-1 (inside dike) Gasoline	5	0	0	0	24	1	15
Tank 67-2 (inside dike) Gasoline	3	0	0	0	18	1	30
Tank 55-3 (inside dike) Gasoline	6	0	0	0	32	2	32
tank 10-5 (inside dike) K-1 or Gasoline	1	0	0	0	10	1	20
Tank 10-7 (inside dike) Ethanol	4	0	0	0	12	1	21
Tank T-8 (inside dike) Transmix	6	0	0	0	6	1	8
Tank 55-10 (inside dike) No. 2 FO	9	0	0	0	12	2	20
Tank AA-8-1	1	0	0	0	2	1	11
Tank AA-10-2	3	0	0	0	2	1	12
Oil/Water Separator	8	0	0	0	1	2	2
Lubricity Additive	14	0	0	0	2	1	37
Wholesale Additive	10	0	0	0	6	1	59
Red Dye Additive	31	0	0	0	7	1	33
Vapor Sources (eg. Racks):							
VRU to and incl Load racks	6	0	4	0	0	0	11
TOTAL (Liquid)	382	39	13	22	297	18	399
TOTAL (vapor)	6	0	4	0	0	0	11
Liquid Emission Factor (lb/hr)	0.000023	0.00025	0.00087	0.00025	0.00025	0.00093	0.00015
Vapor Emission Factor (lb/hr)	0.000067	0.0014	0.045	0.0014	0.0014	0.00093	0.00016
Operation (hr/yr)	8,760	8,760	8,760	8,760	8,760	8,760	8,760
Emissions (lb/hr)	0.01	0.01	0.19	0.01	0.07	0.02	0.06
Emissions (lb/yr)	80.49	85.41	1,675.88	48.18	650.43	146.64	539.70
Emissions (ton/yr)	0.04	0.04	0.84	0.02	0.33	0.07	0.270
TOTAL FUGITIVE EMISSION LOSS (TON/YR)			1.61				
Fugitive Loss Before Addition of Lexan Lenses:			0.16				
Total Fugitive Increase:			1.45				

Notes:

- This survey does not include components from the storage tanks or the oil water separator, and does not include emissions from the trench drains.
- Emission Factor Source: API Publication No. 4588, "Development of Fugitive Emission Factors and Emission Profiles for Petroleum Marketing Terminals, March 1993"