INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

Leonard Mallet
TEPPCO Princeton Terminal
P.O. Box 337, Highway 64 West,
Oakland City, IN 47660

Re: 051-15730-00007
Signficant Permit Modification to:
Part 70 permit No.: T051-6047-00007

Dear Mr. Mallet:

TEPPCO Princeton Terminal was issued a Part 70 operating permit T051-6074-00007 on June 5, 2001 for operation of a bulk petroleum product storage and transfer terminal. A letter requesting changes to this permit was received on April 29, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the operation of the following equipment:

(a) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (to be constructed in 2002);

As requested by the source, following revisions are also being incorporated in this modification.

(a) Revision of existing tank VOC and HAPs emissions based on EPA Tanks 4.0, and tank information including seal information, materials stored and throughputs (for tanks 2201, 2202, 2203, 2204, 2205 and 2261);

(b) Removal of MTBE as storage material in emission calculations for tanks 2203 and 2204;

(c) Revision of fugitive emissions;

(d) Replace S/V ID No. for tank 2261 from 06 to 061.

All other conditions of the permit shall remain unchanged and in effect. Please find the entire Title V permit with the changes due to this First Significant Permit Modification (051-15730-00007).

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter call Adeel Yousuf at (973) 575-2555, ext. 3252, or call (800) 451-6027, press 0 and ask for extension 3-6878.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
AY/EVP
cc: File - Gibson County
Gibson County Health Department
Air Compliance Section Inspector - Gene Kelso
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

TEPPCO Princeton Terminal
RR #1 Box 184A
Oakland City, IN, 47560

(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 2-7 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.: T051-6047-00007	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: June 5, 2001 Expiration Date: June 5, 2006

First Minor Source Modification 051-15562-00007

First Significant Permit Modification: 051-15730-00007	Pages Affected: 2 - 5, 28 - 30, 32 and 34 Page added: 6
Issued by:Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: August 28, 2002

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Certification
Emergency Occurrence Report
Quarterly Deviation and Compliance Monitoring Report

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 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary bulk petroleum product storage and transfer terminal.

Responsible Official:	Leonard Mallet
Source Address:	RR #1 Box 184A, Oakland City, IN, 47660
Mailing Address:	P.O. Box 337, Highway 64 West, Oakland City, IN 47660
Phone Number:	812-749-4311
SIC Code:	4613
County Location:	Gibson
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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

(a) One (1) internal floating roof tank identified as Tank No. 2201, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, and exhausting to stack 01 (constructed in 1957);

(b) One (1) domed external floating roof tank, identified as Tank No. 2202, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 02 (constructed in 1957);

(c) One (1) domed external floating roof tank, identified as Tank No. 2203, with a capacity of 2,814,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, alkylate naphtha and exhausting to stack 03 (modified in 1994);

(d) One (1) internal floating roof tank, identified as Tank No. 2204, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 168,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 04 (modified in 1994);

(e) One (1) internal floating roof tank identified as Tank No. 2205, with a capacity of 3,209,800 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, alkylate naphtha and exhausting to stack 05 (constructed in 1965);

(f) One (1) internal floating roof tank identified as Tank No. 2261, with a capacity of 84,000 gallons and a maximum withdrawal rate of 84,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 061 (constructed in 1957);

(g) One (1) tank truck loading rack, identified as LOAD, equipped with eight (8) arms, with a maximum capacity of loading 27,300 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, utilizing a vapor recovery unit, or VRU, for VOC control, and exhausting to stack 08 (modified in 1974); and

(h) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (to be constructed in 2002).

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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

(a) Natural gas -fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour;
  (1) Natural gas-fired combustion sources at the facility includes but is not limited to salt bath regeneration heaters used for propane dehydration at the facility. The heat output rating for the natural gas fired heater is one (1) mmBtu per hour or approximately 1,000 cubic feet of gas per hour and is currently operated 120 days out of the year.

(b) 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.
  (1) one (1) 2,000 gallon nominal capacity underground sump tank;
  (2) one (1) 2,500 gallon nominal capacity underground sump tank;
  (3) one (1) 1,000 gallon nominal capacity underground sump tank;
  (4) one (1) 10,000 gallon oil/water separator; and
  (5) one (1) 350 gallon nominal capacity underground funnel drain sump.

(c) Activities or categories not previously identified with emission equal to or less than significant thresholds:
  (1) TK 2262 (S/V ID 07) – Tank is a cone roof tank storing only very low vapor pressure products with a maximum capacity of 85,000 gallons of distillate fuel oil No. 2, jet kerosene and fuel oils;
  (2) TK OGA (S/V ID OGA) – Tank is an 8,000 gallon, horizontal fixed roof tank storing OGA-401 gasoline additive. It is vented to the atmosphere;
  (3) Three (3) smokeless flares as follows: (S/V ID10).
    (A) One (1) flare is connected to a 4" line from the LPG loading rack, with a continuous pilot flame fired with natural gas used to burn LPG from the system relief valves;
    (B) One (1) flare is connected to a 2" line from the mainline pumping unit without a continuous flame, used only to ignite LPG from a controlled blow down from maintenance activities. Maintenance activities requiring a blow down of LPG to this flare are non-routine in nature; and
    (C) One (1) flare is connected to the pumping units that feed petroleum products to the Marathon line without a continuous flame, is hand ignited, used to burn the LPG drained from the pumps and the lines.
  (4) One (1) 10,000 gallon fixed roof tank venting to the atmosphere containing a drag reducer additive compound;
  (5) one (1) 2,000 gallon fixed roof tank venting to the atmosphere containing a corrosion inhibitor compound;
  (6) one (1) 2,000 gallon fixed roof tank venting to the atmosphere containing Mercaptan;
  (7) one (1) 1,000 gallon fixed roof tank venting to the atmosphere containing a red diesel dye additive; and
  (8) one (1) 1,000 gallon fixed roof tank venting to the atmosphere containing gasoline additives.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

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.2 Permit Term [326 IAC 2-7-5(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.3 Enforceability [326 IAC 2-7-7]

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.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

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 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

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.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] [326 IAC 2-7-6(6)]

(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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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 "responsible official" as defined by 326 IAC 2-7-1(34).

(c) 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 2-7-5(6)(E)]

(d) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. 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.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit, except those specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act and is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(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 condition B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(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 a responsible official 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.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(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. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent 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 Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(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 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, 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.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Southwest Regional Office
208 N.W. Fourth St, Ste 201
Evansville, IN 47708-1353

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) A copy of the PMP's 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 "responsible official" as defined by 326 IAC 2-7-1(34).

(d) 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.

B.12 Emergency Provisions [326 IAC 2-7-16]

(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 2-7-16.

(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 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, and the Southwest Regional Office 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 Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967, and
Telephone Number:(812) 436-2570 (ask for Southwest Regional Office, Compliance Section)
Facsimile Number: (812) 436-2572

(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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 2-7-5(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 "responsible official" as defined by 326 IAC 2-7-1(34).

(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 2-7-4-(c)(10) 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 2-7 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 materials of substantial economic value.

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

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. All previously issued operating permits are superceded by this permit.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(7)]

B.14 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. 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.

The notification by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

A Permittee’s failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

(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 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit 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 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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 2-7-9(a)(3)]

(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 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(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 2-7-9(c)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.17 Permit Renewal [326 IAC 2-7-4]

(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 2-7-4. 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 "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(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, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
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 2-7 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 being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable

requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), 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 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

(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 2-7-20(a).

For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(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 "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in 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 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(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 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6] [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 Part 70 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, any records that must be kept under the conditions of this permit;

(c) Inspect, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, 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.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant 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) Except as provided in 326 IAC 2-7-19(e), 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 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C **SOURCE OPERATION CONDITIONS**

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

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]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 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 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute, 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 units vented to the control equipment are in operation.

C.7 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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 applicable 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 2-7-6(1)]

C.8 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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 "responsible official" as defined by 326 IAC 2-7-1(34).

(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 "responsible official" as defined by 326 IAC 2-7-1(34).

(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.9 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 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Maintenance of Emission Monitoring Equipment [326 IAC 2-7-5(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 less often 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.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing 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.

C.13 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

(b) Whenever a condition in this permit requires the measurement of a temperature, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

(c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [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 by the date provided in 40 CFR 68.10(a); 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); and

(c) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6] [326 IAC 1-6]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. The compliance monitoring plan can be either an entirely new document, consist in whole of information contained in other documents, or consist of a combination of new information and information contained in other documents. If the compliance monitoring plan incorporates by reference information contained in other documents, the Permittee shall identify as part of the compliance monitoring plan the documents in which the information is found. The elements of the compliance monitoring plan are:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:

(A) Reasonable response steps that may be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(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. Failure to take reasonable response steps may constitute a violation of the permit.

(c) Upon investigation of a compliance monitoring excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment. This shall be an excuse from taking further response steps providing that 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) Records shall be kept of all instances in which the compliance related information was not met and of all response steps 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.

(e) All monitoring required in Section D shall be performed at all times the equipment is operating. If monitoring is required by Section D and the equipment is not operating, then the Permittee may record the fact that the equipment is not operating or perform the required monitoring.

(f) At its discretion, IDEM may excuse the Permittee's failure to perform the monitoring and record keeping as required by Section D, if the Permittee provides adequate justification and documents that such failures do not exceed five percent (5%) of the operating time in any quarter.

Temporary, unscheduled unavailability of qualified staff shall be considered a valid reason for failure to perform the monitoring or record keeping requirements in Section D.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(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.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) The annual emission statement 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.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(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.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The source shall submit the attached Semi-Annual 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 "responsible official" as defined by 326 IAC 2-7-1(34).

(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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(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 Semi-Annual 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 "responsible official" as defined by 326 IAC 2-7-1(34).

(e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.21 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 2-7-5(15)]: The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.
Bulk Petroleum Product Storage and Transfer

(a) One (1) internal floating roof tank identified as Tank No. 2201, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, and exhausting to stack 01 (constructed in 1957);

(b) One (1) domed external floating roof tank, identified as Tank No. 2202, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 02 (constructed in 1957);

(c) One (1) domed external floating roof tank, identified as Tank No. 2203, with a capacity of 2,814,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, alkylate naphtha and exhausting to stack 03 (modified in 1994);

(d) One (1) internal floating roof tank, identified as Tank No. 2204, with a capacity of 1,470,000 gallons and a maximum withdrawal rate of 168,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 04 (modified in 1994);

(e) One (1) internal floating roof tank identified as Tank No. 2205, with a capacity of 3,209,800 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, alkylate naphtha and exhausting to stack 05 (constructed in 1965);

(f) One (1) internal floating roof tank identified as Tank No. 2261, with a capacity of 84,000 gallons and a maximum withdrawal rate of 84,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 061 (constructed in 1957);

(g) One (1) tank truck loading rack, identified as LOAD, equipped with eight (8) arms, with a maximum capacity of loading 27,300 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, utilizing a vapor recovery unit, or VRU, for VOC control, and exhausting to stack 08 (modified in 1974); and

(h) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (to be constructed in 2002).

(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 2-7-5(1)]

D.1.1 General Provisions Relating to HAPs [326 IAC 20-1-1] [326 IAC 12-1-1] [40 CFR Part 63, Subpart A][40 CFR Part 60, Subpart A]

(a) The provisions of 40 CFR Part 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 Part 63, Subpart R.

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

D.1.2 Gasoline Distribution Facilities NESHAP [326 IAC 20-10-1] [40 CFR 63, Subpart R]

Pursuant to 40 CFR 63.420 and 326 IAC 20-10-1, the provisions of 40 CFR 63, Subpart R - National Emission Standards for Gasoline Distribution Facilities, which are incorporated by reference as 326 IAC 20-10-1, apply to the loading rack (LOAD) and tanks 2201, 2202, 2203, 2204, 2205, 2206 and 2261. A copy of this rule is attached. The Permittee shall comply with the requirements of this rule upon startup of the gasoline distribution facility.

D.1.3 Volatile Organic Liquid Storage Vessels NSPS [326 IAC 12] [40 CFR 60, Subpart Kb]

Pursuant to 40 CFR 60.112, the provisions of 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984, which are incorporated by reference as 326 IAC 12, apply to tanks 2203, 2206 and 2204. A copy of this rule is attached. The Permittee shall comply with the requirements of this rule upon startup of the gasoline distribution facility.

D.1.4 Standards for Volatile Organic Compound Emissions from Loading Racks [40 CFR 63.422]

(a) Pursuant to 40 CFR 63.422, the following shall apply to the gasoline loading rack (LOAD):

(1) The Permittee shall comply with the requirements in 40 CFR 60.502 except for paragraphs (b), (c), and (j) of that section.

(2) Emissions to the atmosphere from the vapor collection and processing systems due to the loading of gasoline cargo tanks shall not exceed 10 milligrams of total organic compounds per liter of gasoline loaded.

(3) The Permittee shall comply with 40 CFR 60.502(e) as follows:

(A) 40 CFR 60.502(e)(5) is changed to read: The Permittee shall take steps assuring that the nonvapor-tight gasoline cargo tank will not be reloaded at the facility until vapor tightness documentation for that gasoline cargo tank is obtained which documents that:

(i) The gasoline cargo tank meets the applicable test requirements in 40 CFR 63.425(e);

(ii) For each gasoline cargo tank failing the test in 40 CFR 63.425 (f) or (g) at the facility, the cargo tank either:

(aa) Before repair work is performed on the cargo tank, meets the test requirements in 40 CFR 63.425 (g) or (h), or

(bb) After repair work is performed on the cargo tank before or during the tests in 40 CFR 63.425 (g) or (h), subsequently passes the annual certification test described in 40 CFR 63.425(e).

D.1.5 Standards for Volatile Organic Compound Emissions from Gasoline Storage Vessels [40 CFR 63.423]

Pursuant to 40 CFR 63.423, the following shall apply to storage vessels:

(a) The Permittee shall equip each gasoline storage vessel with a design capacity greater than or equal to 75 m^3 according to the requirements in 40 CFR 60.112b(a) (1) through (4), except for the requirements in 40 CFR 60.112b(a)(1) (iv) through (ix) and

60.112b(a)(2)(ii).

(b) The Permittee shall equip each gasoline external floating roof storage vessel with a design capacity greater than or equal to 75 m^3 according to the requirements in 40 CFR 60.112b(a)(2)(ii) if such storage vessel does not currently meet the requirements in paragraph (a) of this section.

D.1.6 Standards for Volatile Organic Compounds Emissions from Storage Vessels [40 CFR 60.112b]

Pursuant to 326 IAC 12 and 40 CFR 60.112b, the Permittee of the tanks identified as No. 2203, 2206 and 2204 shall equip each tank with one (1) of the following:

(a) A fixed roof in combination with an internal floating roof meeting the specifications in 40 CFR 63.112b:

(b) An external floating roof meeting the specification sin 40 CFR 63.112b.

(c) A closed vent system and control device meeting the specifications in 40 CFR 63.112b:

D.1.7 Standards for Equipment Leaks [40 CFR 63.424]

Pursuant to 40 CFR 63.424, the following shall apply to equipment leaks:

(a) Delay of repair of leaking equipment will be allowed upon a demonstration to the IDEM, OAQ, and the USEPA Administrator that repair within 15 days is not feasible. The Permittee shall provide the reason(s) a delay is needed and the date by which each repair is expected to be completed.

(b) The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

(1) Minimize gasoline spills;

(2) Clean up spills as expeditiously as practicable;

(3) Cover all open gasoline containers with a gasketed seal when not in use;

(4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

D.1.8 Volatile Organic Compounds (VOC) [326 IAC 8-4-3]

Pursuant to registration 051-4036-00041, issued on October 6, 1994, and 326 IAC 8-4-1, Tank Nos. 2203 and 2204 were retrofitted and tank No. 2206 is constructed in 2002 as follows:

(a) For External Fixed Roof Tanks

(1) The facility must be 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.

(2) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.

(3) All openings, except stub drains, are equipped with covers, lids, or seals such that:

(A) the cover, lid, or seal is in the closed position at all times except when in actual use;

(B) automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;

(C) 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.

(b) For External Floating Roof Tanks

The owner of a facility subject to this subsection shall not store a petroleum liquid in that facility unless:

(1) The facility has been fitted with:

(A) a continuous secondary seal extending from the floating roof to the tank wall (rim-mounted secondary seal); or

(B) a closure or other device approved by the commissioner which is equally effective.

(2) All seal closure devices meet the following requirements:

(A) there are no visible holes, tears, or other openings in the seal(s) or seal fabric;

(B) the seal(s) are intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall;

(C) for vapor mounted primary seals, the accumulated gap area around the circumference of the secondary seal where a gap exceeding one-eighth (1/8) inch exists between the secondary seal and the tank wall shall not exceed 1.0 square inch per foot of tank diameter. There shall be no gaps exceeding one-half (½) inch between the secondary seal and the tank wall of welded tanks and no gaps exceeding one (1) inch between the secondary seal and the tank wall of riveted tanks.

(3) All openings in the external floating roof, except for automatic bleeder vents, rim space vents, and leg sleeves are:

(A) equipped with covers, seals, or lids in the closed position except when the openings are in actual use; and

(B) equipped with projections into the tank which remain below the liquid surface at all times.

(4) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;

(5) Rim vents are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting; and

(6) Emergency roof drains are provided with slotted membrane fabric covers or equivalent covers which cover at least ninety percent (90%) of the area of the opening.

D.1.9 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the gasoline loading rack identified as LOAD and any control devices.

Compliance Determination Requirements [326 IAC 2-1.1-11] [326 IAC 2-7-6(1)]

D.1.10 Performance Testing [40 CFR 63.425]

(a) Pursuant to 40 CFR 63.425, the Permittee shall conduct a performance test, on the vapor processing system for the gasoline loading rack identified as LOAD in order to demonstrate compliance with Condition D.1.2, according to the test methods and procedures in 40 CFR 60.503, except a reading of 500 ppm shall be used to determine the level of leaks to be repaired under 40 CFR 60.503(b). If a flare is used to control emissions, and emissions from this device cannot be measured using these methods and procedures, the provisions of 40 CFR 63.11(b) shall apply.

(b) The Permittee shall determine a monitored operating parameter value for the vapor processing system according to the procedure in 40 CFR 60.503:

(c) The Permittee shall document the reasons for any change in the operating parameter value since the previous performance test.

(d) The Permittee shall comply with 40 CFR 60.113b of this chapter. If a closed vent system and control device are used, as specified in 40 CFR 60.112b(a)(3) of this chapter, to comply with the requirements in 40 CFR 63.423, the Permittee shall also comply with the requirements in paragraph (b) of this section.

D.1.11 Testing Procedures [326 IAC 12] [40 CFR 60.113b][326 IAC 20] [40 CFR 63.428j]

According to the testing procedures in 40 CFR 60.113b, the owner or operator of the tank identified as No. 2203, 2206 and 2204 shall do the following:

(a) The Permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) as specified in paragraph (a)(1), (a)(2), (a)(3), or (a)(4) of this section, except as allowed in paragraph (a)(5) of this section.

(1) Where a carbon adsorption system is used, a continuous emission monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.

(2) Where a refrigeration condenser system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed immediately downstream from the outlet to the condenser section. Alternatively, a CEMS capable of measuring organic compound concentration may be installed in the exhaust air stream.

(3) Where a thermal oxidation system is used, a CPMS capable of measuring temperature shall be installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs.

(4) Where a flare is used, a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, shall be installed in proximity to the pilot light to indicate the presence of a flame.

(5) Monitoring an alternative operating parameter or a parameter of a vapor processing system other than those listed in this paragraph will be allowed upon demonstrating to the IDEM, OAQ, and the USEPA Administrator's satisfaction that the alternative parameter demonstrates continuous compliance with the emission standard in 40 CFR 63.422(b) or 40 CFR 60.112b(a)(3)(ii).

(b) The Permittee shall operate the vapor processing system in a manner not to exceed the operating parameter value for the parameter described in paragraphs (a)(1) and (a)(2) of this section, or to go below the operating parameter value for the parameter described in paragraph (a)(3) of this section, and established using the procedures in 40 CFR 63.425(b). In cases where an alternative parameter pursuant to paragraph (a)(5) of this section is approved, the Permittee shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value. Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as specified above, shall constitute a violation of the emission standard in 40 CFR 63.422(b).

(c) The Permittee shall comply with the monitoring requirements in 40 CFR 60.116b, except records shall be kept for at least 5 years. If a closed vent system and control device are used, as specified in 40 CFR 60.112b(a)(3), to comply with the requirements in 40 CFR 63.423, the Permittee shall also comply with the requirements in paragraph (a) of this section.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.12 Continuous Monitoring [40 CFR 63.427]

Pursuant to 40 CFR 63.427, the gasoline cargo tanks and gasoline loading rack identified as LOAD have applicable compliance monitoring conditions as specified below:

(a) The Permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) as specified in paragraph (a)(1), (a)(2), (a)(3), or (a)(4) of this section, except as allowed in paragraph (a)(5) of this section as specified in paragraphs (1) through (4) below.

(1) Where a carbon adsorption system is used, a continuous emission monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.

(2) Where a refrigeration condenser system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed immediately downstream from the outlet to the condenser section. Alternatively, a CEMS capable of measuring organic compound concentration may be installed in the exhaust air stream.

(3) Where a thermal oxidation system is used, a CPMS capable of measuring temperature shall be installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs.

(4) Where a flare is used, a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, shall be installed in proximity to the pilot light to indicate the presence of a flame.

(b) The Permittee shall operate the vapor processing system established using the procedures in 40 CFR 63.425(b) in a manner not to exceed the operating parameter value for the parameter described in paragraphs (a)(1) and (a)(2) above. In addition, the Permittee shall operate the vapor processing system in a manner not to go below the operating parameter value for the parameter described in paragraph (a)(3) above. Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as specified above, shall constitute a violation of the emission standard in 40 CFR 63.422(b).

D.1.13 Monitoring of Equipment Leaks [40 CFR 63.424]

For this inspection, detection methods incorporating sight, sound, and smell are acceptable. Each piece of equipment shall be inspected during the loading of a gasoline cargo tank.

D.1.14 Monitoring of Storage Vessels [40 CFR 63.427(c)] [40 CFR 60.116b]

Pursuant to 40 CFR 63.427 and 40 CFR 60.116b, The Permittee shall comply with the applicable compliance monitoring requirements specified below for tanks identified as No. 2203, 2206 and 2204:

(a) The Permittee shall keep readily accessible records showing the dimension of each tank and an analysis showing the capacity of each tank for the life of the source.

(b) Except as provided in paragraphs (6) and (7) below, the Permittee of each tank either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa 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.

(c) Except as provided in paragraph (7) of this section, the Permittee of each tank either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator (IDEM) within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(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 storing a waste mixture of indeterminate or variable composition shall be subject to the requirements in 40 CFR 60.116b(f).

(f) 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 (b) and (c) above.

The Permittee shall comply with the monitoring requirements in 40 CFR 60.116b, except records shall be kept for at least 5 years. If a closed vent system and control device are used, as specified in 40 CFR 60.112b(a)(3), to comply with the requirements in 40 CFR 63.423, the Permittee shall also comply with the requirements in paragraph (a) of this section.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.15 NESHAP Record Keeping Requirements [40 CFR 63.420] [40 CFR 63.428]

(a) Pursuant to 40 CFR 63.428, the Permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as follows:

(1) Annual certification testing performed under 40 CFR 63.425(e); and

(2) Continuous performance testing performed at any time at that facility under 40 CFR 63.425 (f), (g), and (h).

(3) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:

(i) Name of test:
Annual Certification Test--Method 27 (40 CFR 63.425(e)(1)),
Annual Certification Test--Internal Vapor Valve (40 CFR 63.425(e)(2)),
Leak Detection Test (40 CFR 63.425(f)),
Nitrogen Pressure Decay Field Test (40 CFR 63.425(g)), or
Continuous Performance Pressure Decay Test (40 CFR 63.425(h)).

(ii) Cargo tank owner's name and address.

(iii) Cargo tank identification number.

(iv) Test location and date.

(v) Tester name and signature.

(vi) Witnessing inspector, if any: Name, signature, and affiliation.

(vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.

(viii) Test results: Pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument and leak definition.

(b) Pursuant to 40 CFR 63.428, the Permittee shall:

(1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.427(a). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

(2) Record and report simultaneously with the notification of compliance status required under 40 CFR 63.9(h):

(i) All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.425(b); and

(ii) The following information when using a flare under provisions of 40 CFR 63.11(b) to comply with 40 CFR 63.422(b):

(A) Flare design (i.e., steam-assisted, air-assisted, or non-assisted); and

(B) All visible emissions readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under 40 CFR 63.425(a).

(3) If a Permittee requests approval to use a vapor processing system or monitor an operating parameter other than those specified in 40 CFR 63.427(a), the Permittee shall submit a description of planned reporting and record keeping procedures. The IDEM, OAQ, and the USEPA Administrator will specify appropriate reporting and record keeping requirements as part of the review of the permit application.

(c) Pursuant to 40 CFR 63.428, the Permittee, in order to comply with the provisions of 40 CFR 63.424 (a) through (d), shall record the following information in the log book for each leak that is detected:

(1) The equipment type and identification number;

(2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);

(3) The date the leak was detected and the date of each attempt to repair the leak;

(4) Repair methods applied in each attempt to repair the leak;

(5) “Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak;

(6) The expected date of successful repair of the leak if the leak is not repaired within 15 days; and

(7) The date of successful repair of the leak.

(d) A log book shall be used and shall be signed by the Permittee at the completion of each inspection. A section of the log shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

(e) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in paragraph (d) of this section.

D.1.16 NSPS Record Keeping Requirements [40 CFR 60.115b]

(a) The Permittee of storage vessels subject to the provisions of this subpart shall keep records and furnish reports as specified in 40 CFR 60.115b, except records shall be kept for at least 5 years.

(b) Pursuant to 40 CFR 60.115b, the Permittee of the tanks identified as No. 2203, 2206 and 2204 shall keep copies of all reports and records for at least two (2) years. The owner or operator of the internal floating roof tanks shall meet the following requirements:

(1) Keep a record of each inspection performed as required by § 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 tank was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(2) If any of the conditions described in § 60.113b(a)(2) are detected during the annual visual inspection required by § 60.113b(a)(2), a report shall be furnished to IDEM, OAQ 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.

(3) After each inspection required by § 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 § 60.113b(a)(3)(ii), a report shall be furnished to IDEM, OAQ within 30 days of the inspection. The report shall identify the tank and the reason it did not meet the specifications of § 61.112b(a)(1) or § 60.113b(a)(3) and list each repair made.

D.1.17 VOC Record Keeping Requirements [326 IAC 8-4-3][40 CFR 63.428] [40 CFR 60.115b]

(a) To document compliance with condition D.1.4, the Permittee shall comply with the record keeping requirements of 326 8-4-3, 40 CFR 63.428 and 40 CFR 60.115b. The following records are required:

(1) The types of volatile petroleum liquids stored,
(2) The maximum true vapor pressure of the liquids stored, and
(3) The results of the inspections performed on the storage vessels.

Such records will be maintained for a period of two (2) years and shall be made available to the commissioner upon written request.

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

D.1.18 Reporting Requirements [326 IAC 8-4-3] [326 IAC 8-4-4] [40 CFR 63.6] [40 CFR 63.9(h)] [40 CFR 63.10(e)(3)] [40 CFR 63.420][40 CFR 63.428] [40 CFR 60.115b]

(a) Pursuant to 40 CFR 63.428, the initial notifications required for existing affected sources under 40 CFR 63.9(b)(2) were submitted before December 16, 1996.

(b) Pursuant to 40 CFR 63.424, the Permittee, subject to the provisions of 40 CFR 63.424, shall report to the IDEM, OAQ, and the USEPA Administrator a description of the types, identification numbers, and locations of all equipment in gasoline service.

(1) The report was submitted as part of the Part 70 application on June 4, 1996.

(c) Pursuant to 40 CFR 63.428, the Permittee shall include in a semiannual report to the IDEM, OAQ, and the USEPA Administrator the following information, as applicable:

(1) Each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility;

(2) Periodic reports required under 40 CFR 63.428(d); and

(3) The number of equipment leaks not repaired within 5 days after detection.

(d) Pursuant to 40 CFR 63.425, the Permittee shall submit an excess emissions report to the IDEM, OAQ, and the USEPA Administrator in accordance with 40 CFR 63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under this subpart, and the following information shall be included in the excess emissions report, as applicable:

(1) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.425(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.

(2) Each instance of a nonvapor-tight gasoline cargo tank loading at the facility in which the Permittee failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.

(3) Each reloading of a nonvapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.422(c)(2).

(4) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

(i) The date on which the leak was detected;

(ii) The date of each attempt to repair the leak;

(iii) The reasons for the delay of repair; and

(iv) The date of successful repair.

(e) Pursuant to 40 CFR 63.420, the Permittee of a facility meeting the criteria in 40 CFR 63.420(c) shall perform the following requirements, all of which will be available for public inspection:

(1) The methods, procedures, and assumptions supporting the calculations for determining criteria in 40 CFR 63.420(c) were documented and reported to the IDEM, OAQ, and the USEPA Administrator on June 14, 1996;

(2) Maintain records to document that the facility parameters established under 40 CFR 63.420(c) have not been exceeded; and

(3) Report annually to the IDEM, OAQ, and the USEPA Administrator that the facility parameters established under 40 CFR 63.420(c) have not been exceeded.

(4) At any time following the notification required under paragraph (e)(1) of this section and approval by the IDEM, OAQ, and the USEPA Administrator of the facility parameters, and prior to any of the parameters being exceeded, the Permittee may submit a report to request modification of any facility parameter to the IDEM, OAQ, and the USEPA Administrator for approval. Each such request shall document any expected HAP emission change resulting from the

change in parameter.

(f) Pursuant to 40 CFR 63.420, the Permittee of a facility meeting the criteria in 40 CFR 63.420(d) shall perform the following requirements, all of which will be available for public inspection:

(1) Maintain a record of the calculations in 40 CFR 63.420 (a)(1) or (b)(1), including methods, procedures, and assumptions supporting the calculations for determining criteria in 40 CFR 63.420(d); and

(2) At any time following the notification required under paragraph (j)(1) of this section, and prior to any of the parameters being exceeded, the Permittee may notify the IDEM, OAQ, and the USEPA Administrator of modifications to the facility parameters. Each such notification shall document any expected HAP emission change resulting from the change in parameter.

(g) Reports submitted to the IDEM, OAQ, shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit using, at a minimum, the reporting forms located at the end of this permit.

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

PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: TEPPCO Princeton Terminal
Source Address: RR #1 Box 184A, Oakland City, IN, 47560
Mailing Address: P.O. Box 337, Highway 64 West, Oakland City 47660
Part 70 Permit No.: T051-6047-00007

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:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 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:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: TEPPCO Princeton Terminal
Source Address: RR #1 Box 184A, Oakland City, IN, 47560
Mailing Address: P.O. Box 337, Highway 64 West, Oakland City 47660
Part 70 Permit No.: T051-6047-00007

This form consists of 2 pages **Page 1 of 2**

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

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: TEPPCO Princeton Terminal
Source Address: RR #1 Box 184A, Oakland City, IN, 47560
Mailing Address: P.O. Box 337, Highway 64 West, Oakland City 47660
Part 70 Permit No.: T051-6047-00007

Months: _____ to _____ Year: _____

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".
9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.
9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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:	

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:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Significant Permit Modification to a Part 70 Operating Permit

Source Name:	TEPPCO Princeton Terminal
Source Location:	RR #1 Box 184A, Oakland City, IN, 47560
County:	Gibson
SIC Code:	4789, 4613
Operation Permit No.:	T051-6047-00007
Operation Permit Issuance Date:	June 5, 2001
Significant Permit Modification No.:	051-15730-00007
Permit Reviewer:	AY/EVP

On July 1, 2002, the Office of Air Quality (OAQ) had a notice published in the Princeton Daily Clarion, Oakland City, Indiana, stating that TEPPCO Princeton Terminal. had applied for a Significant Permit Modification to their existing Part 70 permit for the addition of storage tank # 2206 and revision of tanks emission calculations based on EPA's Tank 4.09. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit 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 permit should be issued as proposed.

On August 2, 2002, Mr. Chandra Sripadam, Senior Environmental Engineer at TEPPCO Princeton Terminal submitted comments on the proposed Title V Significant Permit Modification. The summary of the comments and corresponding responses is as follows (bolded language has been added and the language with a line through it has been deleted):

Comment 1

Page 5 of 44: A.3 (c) (1) - Tank 2262 (S/V ID 07): Tank storing very low vapor products with a maximum capacity of 85,000 gallons of distillate fuel oil No. 2. Please add jet kerosene and fuel oils.

Response 1

Insignificant activity (c)(1) under condition A.3 has been revised to add additional storage materials to tank # 2262.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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

(c) Activities or categories not previously identified with emission equal to or less than significant thresholds:

(1) TK 2262 (S/V ID 07) – Tank is a cone roof tank storing only very low vapor pressure products with a maximum capacity of 85,000 gallons of distillate fuel oil No. 2**, jet kerosene and fuel oils**;

Comment 2

Due to some updated information on seals and information on actual fittings on the tanks (the application submitted in April used typical fittings), we have recalculated the tank emissions using actual fittings and seals. Hence please update the following:

Technical Support Document: Page 4 of 12 and App. A Pages 2 & 3 of 5.

Response 2

The VOC and HAPs emissions from the storage tanks (2201, 2202, 2203, 2204 and 2205) have been updated based on the new information submitted and the revised calculation sheets (Page 2 & 3 of 3 of ATSD Addendum App A) are attached.

A revised summary of calculations sheet (Page 1 of 3 of ATSD Addendum App A) is also attached.

The following revisions have been made to the Technical Support Document under the Potential to Emit section (**bolded** language has been added, the language with a ~~line~~ through it has been deleted). The OAQ prefers that the Technical Support Document reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

Potential To Emit Before Controls (Modification)

> 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."

Pollutant	Potential To Emit (tons/year)
PM	0.00
PM-10	0.00
SO_2	0.00
VOC	~~5.31~~ **4.05**
CO	0.00
NO_x	0.00

HAP's	Potential To Emit (tons/year)
Hexane	~~0.57~~ **0.37**
Other Haps	~~1.01~~ **1.14**
TOTAL	~~1.58~~ **1.51**

Potential to Emit After Controls for the Modification

The table below summarizes the total potential to emit, reflecting all limits, of the significant emission units for the modification.

	Potential to Emit (tons/year)							
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	Single HAP	Total HAPs
Storage Tanks	-	-	-	~~4.87~~ **3.61***	-	-	~~0.37~~ **0.35** (Hexane)	~~1.52~~ **1.45**
Process fugitive emissions	-	-	-	0.44	-	-	0.02 (Hexane)	0.06
Total Emissions	-	-	-	~~5.31~~ **4.05**	-	-	~~0.39~~ **0.37**	~~1.58~~ **1.51**

* VOC emission reflects the emissions from new tank (2206) and the change in emissions for existing tanks due to the tank information update and new calculations using EPA's Tank 4.0 software.

Potential to Emit After Controls for the Entire Source after Modification

The table below summarizes the total limited potential to emit of the significant and insignificant emission units.

	Limited Potential to Emit (tons/year)							
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	Single HAP	Total HAPs
Storage Tanks	-	-	-	~~15.79~~ ~~**20.14**~~ **18.88**	-	-	~~7.43 (MTBE)~~ ~~**0.37**~~ **0.35 (Hexane)**	~~8.62~~ ~~**1.52**~~ **1.45**
Loading Rack	-	-	-	13.05	-	-	0.21 (Hexane)	0.58
Process Fugitive Emissions	-	-	-	~~0.66~~ **1.10**	-	-	~~0.00~~ **0.02 (Hexane)**	~~0.00~~ **0.06**
Flares	-	-	-	0.25	-	-	-	-
Total Emissions	-	-	-	~~29.01~~ ~~**34.54**~~ **33.28**	-	-	~~7.43 (MTBE)~~ ~~**0.60**~~ **0.58 (Hexane)**	~~9.20~~ ~~**2.16**~~ **2.09**

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Minor Source Modification and Significant Permit Modification to a Part 70 Operating Permit

Source Background and Description

Source Name:	TEPPCO Princeton Terminal
Source Location:	RR #1 Box 184A, Oakland City, IN, 47560
County:	Gibson
SIC Code:	4789, 4613
Operation Permit No.:	T051-6047-00007
Operation Permit Issuance Date:	June 5, 2001
Minor Source Modification No.:	051-15562-00007
Significant Permit Modification No.:	051-15730-00007
Permit Reviewer:	AY/EVP

The Office of Air Quality (OAQ) has reviewed a modification application from TEPPCO Princeton Terminal relating to the operation of a bulk petroleum product storage and transfer terminal.

History

On April 29, 2001, TEPPCO Princeton Terminal submitted an application to the OAQ requesting modifications to their existing plant. The modifications consist of the following:

(a) Addition of one (1) 3,360,000 gallon internal floating roof tank storing natural gasoline and identified as Tank 2206 and exhausting through S/V ID No. 06A;

(b) Revision of existing tank VOC and HAPs emissions based on EPA Tanks 4.0, and tank information including seal information, materials stored and throughputs (for tanks 2201, 2202, 2203, 2204, 2205 and 2261);

(c) Removal of MTBE as storage material in emission calculations for tanks 2203 and 2204;

(d) Revision of fugitive emissions;

(e) Replace S/V ID No. for tank 2261 from 06 to 061.

TEPPCO Princeton Terminal was issued a Part 70 permit on June 5, 2001.

New Emission Units and Pollution Control Equipment

The application includes information relating to the construction of the following equipment pursuant to 326 IAC 2-7-10.5(d):

(a) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (to be constructed in 2002).

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Existing Approvals

The source was issued a Part 70 Operating Permit T051-6047-00007 on June 5, 2001. Since this date, the source has received no additional approvals.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Minor Source Modification 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 April 29, 2002, with additional information provided by the source on June 11, 2002.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (Appendix A, pages 1 through 5).

Potential To Emit Before Controls (Modification)

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."

Pollutant	Potential To Emit (tons/year)
PM	0.00
PM-10	0.00
SO_2	0.00
VOC	5.31
CO	0.00
NO_x	0.00

HAP's	Potential To Emit (tons/year)
Hexane	0.57
Other Haps	1.01
TOTAL	1.58

Justification for the Modification

The Title V permit, is being modified through a Minor Source Modification and Significant Permit Modification. Pursuant to 326 IAC 2-7-10.5(d)(5)(E), this is a minor source modification for which the potential to emit of VOC is less than twenty-five (25) tons per year, but greater than five (5) tons per year . The Minor Source Modification will be incorporated into the permit through a Significant Permit Modification because the new tank being added is subject to the requirements of NSPS, subpart Kb, which is a Title I modification pursuant to 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(d)(1).

County Attainment Status

The source is located in Gibson County.

Pollutant	Status
PM-10	attainment
SO_2	attainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	attainment

(a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Gibson County has been designated as attainment or unclassifiable for ozone.

Source Status

Existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	not reported
PM-10	not reported
SO_2	nor reported
VOC	10.79
CO	0.27
NOx	0.05

(a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the 28 listed source categories.

(b) These emissions are based upon Indiana Air Emissions Summary Data for 2000.

Potential to Emit After Controls for the Modification

The table below summarizes the total potential to emit, reflecting all limits, of the significant emission units for the modification.

	Potential to Emit (tons/year)							
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	Single HAP	Total HAPs
Storage Tanks	-	-	-	4.87*	-	-	0.37 (Hexane)	1.52
Process fugitive emissions	-	-	-	0.44	-	-	0.02 (Hexane)	0.06
Total Emissions	-	-	-	5.31	-	-	0.39	1.58

* VOC emission reflects the emissions from new tank (2206) and the change in emissions for existing tanks due to the tank information update and new calculations using EPA's Tank 4.0 software.

Potential to Emit After Controls for the Entire Source after Modification

The table below summarizes the total limited potential to emit of the significant and insignificant emission units.

	Limited Potential to Emit (tons/year)							
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	Single HAP	Total HAPs
Storage Tanks	-	-	-	~~15.79~~ **20.14**	-	-	~~7.43 (MTBE)~~ **0.37 (Hexane)**	~~8.62~~ **1.52**
Loading Rack	-	-	-	13.05	-	-	0.21 (Hexane)	0.58
Process Fugitive Emissions	-	-	-	~~0.66~~ **1.10**	-	-	~~0.00~~ **0.02 (Hexane)**	~~0.00~~ **0.06**
Flares	-	-	-	0.25	-	-	-	-
Total Emissions	-	-	-	~~29.01~~ **34.54**	-	-	~~7.43 (MTBE)~~ **0.60 (Hexane)**	~~9.20~~ **2.16**

This modification to an existing major stationary source is not major because the source wide VOC emissions are still less than 250 TPY after modification and the source is not one of the listed 28 source category. Therefore, pursuant to 326 IAC 2-2 and 40 CFR 52.21, the PSD requirements do not apply.

Federal Rule Applicability

(a) Storage tank identified as 2206 (to be constructed in 2002), is subject to the New Source Performance Standard, 326 IAC 12, 40 CFR Part 60.112b, Subpart Kb (Volatile Organic Liquid Storage Vessels), because the tank is being constructed after the rule applicability date of July 23, 1984, has a storage capacity of greater than 151 m^3 (39,890 gallons) and store volatile organic liquid with a maximum true vapor pressure of greater than 3.5 kPa.

Pursuant to 40 CFR 60.112b, the following shall apply:

(1) the owner or operator of shall equip each tank with one (1) of the following:

(i) 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 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.

(B) 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:

(I) 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.

(II) Two seals mounted one above the others 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.

(C) Each opening in a non-contact 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.

(ii) An external floating roof. An external floating roof means a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Each external floating roof must meet the following specifications:

(A) Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal.

(I) The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall.

(II) The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4).

(B) The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.

(iii) A closed vent system and control device meeting the following specifications:

(A) The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and visual inspections, as determined in part 60, subpart VV, 40 CFR 60.485(b).

(B) The control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. If a flare is used as the control device, it shall meet the specifications described in the general control device requirements (40 CFR 60.18) of the General Provisions.

(iv) A system equivalent to those described in paragraphs (i)(A), (i)(B), or (i)(C) above as provided in 40 CFR 60.114b.

(2) The testing procedures are required under 40 CFR 60.113b. The record keeping and reporting are required under 40 CFR 60.115b.

Tank 2206 has cone-shaped fixed roof and welded internal floating roof deck with mechanical shoe rim seal. Therefore, the tank complies with the requirements of 40 CFR 60, Subpart Kb.

(b) This facility is subject to 40 CFR 63, Subpart R. Pursuant to this rule, the following shall apply to the storage tank No. 2206.

(1) The Permittee shall equip each gasoline storage vessel with a design capacity greater than or equal to 75 m^3 according to the requirements in 40 CFR 60.112b(a) (1) through (4), except for the requirements in 40 CFR 60.112b(a)(1) (iv) through (ix) and 60.112b(a)(2)(ii).

(2) The Permittee shall equip each gasoline external floating roof storage vessel with a design capacity greater than or equal to 75 m^3 according to the requirements in 40 CFR 60.112b(a)(2)(ii) if such storage vessel does not currently meet the requirements in paragraph (a) of this section.

(3) Each gasoline storage vessel at an existing facility shall be in compliance with the requirements in paragraphs (a) and (b) of this section as expeditiously as practicable, but no later than December 15, 1997.

(4) Alternative means of emission limitation
The provisions of 40 CFR 60.114b apply for determining the acceptability of alternative means of emission limitation for storage vessels under 40 CFR 63.423.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)
This source is not subject to the requirements of 326 IAC 2-2 because it is not one of the 28 listed source categories and the potential to emit of all regulated pollutants, after controls, are less than 250 tons per year.

326 IAC 2-6 (Emission Reporting)
This source is located in Gibson County which is not one of the specifically listed counties, nor does the source have the potential to emit CO, VOC, NOx, PM-10 or SO_2 in amounts at or exceeding one-hundred (100) tons per year including fugitive emissions. Therefore, 326 IAC 2-6 does not apply.

The source will be required to annually submit a statement of the actual emissions of all federally regulated pollutants from the source, for the purpose of fee assessment.

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

(a) Opacity shall not exceed an average of forty percent (40%) 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.

State Rule Applicability - Individual Facilities

326 IAC 2-4.1-1 (New Source Toxics Control)

326 IAC 2-4.1-1 applies to new or reconstructed facilities with potential emissions of any single HAP equal or greater than ten (10) tons per twelve (12) month period and potential emissions of a combination of HAPs greater than or equal to twenty-five (25) tons per twelve (12) month period. This addition of tank no. 2206 is not subject to 326 IAC 2-4.1-1 (New Source Toxics Control) because the tank has potential single HAP and total HAPs emission of less than 10 and 25 tons per year, respectively.

326 IAC 8-1-6 (New Facilities, General Reduction Requirements)

Rule 8-1-6 applies to new facilities (as of January 1, 1980) which have potential emissions of 25 tons or more per year of volatile organic compounds (VOC). The potential VOC emissions from the tank no. 2206 are below the twenty-five (25) tons per year applicability threshold and is therefore, not subject to the requirements of 326 IAC 8-1-6.

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

Storage tank 2206 (constructed in 2002), with a capacity greater than 39,000 gallons containing volatile organic liquid whose true vapor pressure is greater than 1.52 pounds per square inch (psi) is subject to the requirements of 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities).

Pursuant to 326 IAC 8-4-3, the Permittee shall maintain records including the following:

(a) the types of volatile petroleum liquids stored;
(b) the maximum true vapor pressure; and
(c) records of the inspections.

Tank no. 2206 with cone-shaped fixed roof and welded internal floating roof deck with mechanical shoe rim seal, is in compliance with this rule.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

The source is not subject to the requirements of 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) because this source is not located in one of the listed counties and was constructed prior to January 1, 1980.

Compliance Requirements

Permits issued under 326 IAC 2-7are 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 2-7-5. 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:

1. The tank identified as No. 2206 has applicable compliance monitoring conditions as specified below:

   The Permittee shall comply with the monitoring requirements in 40 CFR 60.116b for the internal floating roof tanks identified as 60-1 and 30-1 and shall maintain the following records for a minimum of two (2) years. The applicable compliance monitoring conditions are specified below:

   (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) below, for at least two (2) years. The record required by paragraph (b) below will be kept for the life of the source.

   (b) The Permittee shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel.

   (c) The Permittee 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 below.

      (1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

      (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:

         (i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference-see 40 CFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

         (ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

      (3) For other liquids, the vapor pressure:

         (i) May be obtained from standard reference texts, or
         (ii) Determined by ASTM Method D2879-83 (incorporated by reference-see 40 CFR 60.17); or
         (iii) Measured by an appropriate method approved by the Administrator; or
         (iv) Calculated by an appropriate method approved by the

Administrator.

These monitoring conditions are necessary because the tank No. 2206 must comply with 40 CFR 60.116b and 326 IAC 2-7 (Part 70).

Proposed Permit Changes

1. State abbreviation has been added to the mailing address.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary bulk petroleum product storage and transfer terminal.

Responsible Official:	Leonard Mallet
Source Address:	RR #1 Box 184A, Oakland City, IN, 47660
Mailing Address:	P.O. Box 337, Highway 64 West, Oakland City, **IN** 47660
Phone Number:	812-749-4311
SIC Code:	4613
County Location:	Gibson
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

2. Description of new tank No. 2206 has been added to section A.2 and D.1. Also, the vent ID for tank No. 2261 has been changed from 06 to 061.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

(f) One (1) internal floating roof tank identified as Tank No. 2261, with a capacity of 84,000 gallons and a maximum withdrawal rate of 84,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack ~~06~~ **061** (constructed in 1957); ~~and~~

(g) One (1) tank truck loading rack, identified as LOAD, equipped with eight (8) arms, with a maximum capacity of loading 27,300 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, utilizing a vapor recovery unit, or VRU, for VOC control, and exhausting to stack 08 (modified in 1974)~~.~~**; and**

(h) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (constructed in 2002).

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.
Bulk Petroleum Product Storage and Transfer

(f) One (1) internal floating roof tank identified as Tank No. 2261, with a capacity of 84,000 gallons and a maximum withdrawal rate of 84,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack ~~06~~ **061** (constructed in 1957); ~~and~~

(g) One (1) tank truck loading rack, identified as LOAD, equipped with eight (8) arms, with a maximum capacity of loading 27,300 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel and raffinates, utilizing a vapor recovery unit, or VRU, for VOC control, and exhausting to stack 08 (modified in 1974)~~.~~**; and**

(h) One (1) internal floating roof tank, identified as Tank No. 2206, with a capacity of 3,360,000 gallons and a maximum withdrawal rate of 420,000 gallons per hour of natural gasoline, conventional gasolines (RVP 13.5), fuel oils, kerosene, jet A kerosene, diesel or raffinates, and exhausting to stack 06A (constructed in 2002).

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

3. Following existing D.1 conditions have been revised to incorporate the new tank being added (tank No. 2206).

D.1.2 Gasoline Distribution Facilities NESHAP [326 IAC 20-10-1] [40 CFR 63, Subpart R]

Pursuant to 40 CFR 63.420 and 326 IAC 20-10-1, the provisions of 40 CFR 63, Subpart R - National Emission Standards for Gasoline Distribution Facilities, which are incorporated by reference as 326 IAC 20-10-1, apply to the loading rack (LOAD) and tanks 2201, 2202, 2203, 2204, 2205**, 2206** and 2261. A copy of this rule is attached. The Permittee shall comply with the requirements of this rule upon startup of the gasoline distribution facility.

D.1.3 Volatile Organic Liquid Storage Vessels NSPS [326 IAC 12] [40 CFR 60, Subpart Kb]

Pursuant to 40 CFR 60.112, the provisions of 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984, which are incorporated by reference as 326 IAC 12, apply to tanks 2203**, 2206** and 2204. A copy of this rule is attached. The Permittee shall comply with the requirements of this rule upon startup of the gasoline distribution facility.

D.1.6 Standards for Volatile Organic Compounds Emissions from Storage Vessels [40 CFR 60.112b]

Pursuant to 326 IAC 12 and 40 CFR 60.112b, the Permittee of the tanks identified as No. 2203**, 2206** and 2204 shall equip each tank with one (1) of the following:

(a) A fixed roof in combination with an internal floating roof meeting the specifications in 40 CFR 63.112b:

(b) An external floating roof meeting the specification sin 40 CFR 63.112b.

(c) A closed vent system and control device meeting the specifications in 40 CFR 63.112b:

D.1.8 Volatile Organic Compounds (VOC) [326 IAC 8-4-3]

Pursuant to registration 051-4036-00041, issued on October 6, 1994, and 326 IAC 8-4-1, Tank Nos. 2203 and 2204~~, was~~ **were** retrofitted **and tank No. 2206 is constructed in 2002** as follows:

D.1.11 Testing Procedures [326 IAC 12] [40 CFR 60.113b][326 IAC 20] [40 CFR 63.428j]

According to the testing procedures in 40 CFR 60.113b, the owner or operator of the tank identified as No. 2203**, 2206** and 2204 shall do the following:

D.1.14 Monitoring of Storage Vessels [40 CFR 63.427(c)] [40 CFR 60.116b]

Pursuant to 40 CFR 63.427 and 40 CFR 60.116b, The Permittee shall comply with the applicable compliance monitoring requirements specified below for tanks identified as No. 2203**, 2206** and 2204:

D.1.16 NSPS Record Keeping Requirements [40 CFR 60.115b]

(a) The Permittee of storage vessels subject to the provisions of this subpart shall keep records and furnish reports as specified in 40 CFR 60.115b, except records shall be kept for at least 5 years.

(b) Pursuant to 40 CFR 60.115b, the Permittee of the tanks identified as No. 2203**, 2206** and 2204 shall keep copies of all reports and records for at least two (2) years. The owner or operator of the internal floating roof tanks shall meet the following requirements:

4. Table of contents has been revised to reflect one extra page added as a result of this modification.

B GENERAL CONDITIONS . . . . . ~~6~~**7**

C SOURCE OPERATION CONDITIONS . . . . . 1~~8~~**9**

D.1 FACILITY OPERATION CONDITIONS -Bulk Petroleum Product Storage and Transfer . . . . 2~~7~~**8**

Certification . . . . . ~~39~~**40**
Emergency Occurrence Report . . . . . 4~~0~~**1**
Quarterly Deviation and Compliance Monitoring Report . . . . . 4~~2~~**3**

Conclusion

The operation of this bulk petroleum product storage and transfer terminal shall be subject to the conditions of the attached proposed Minor Source Modification No. 051-15562-00007 and Significant Permit Modification No. 051-15562-00007.

Appendix A: Emission Calculations

Company Name: TE Products Pipeline Company, Limited Partnership (TEPPCO)
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15562-00007
Reviewer: Adeel Yousuf/EVP
Date: June 6, 2002

Total Potential To Emit (tons/year)

Emissions Generating Activity			
Pollutant	Storage Tanks	Process Fugitive Emissions	**TOTAL**
PM	0.00	0.00	0.00
PM10	0.00	0.00	0.00
SO2	0.00	0.00	0.00
NOx	0.00	0.00	0.00
VOC	4.87	0.44	5.31
CO	0.00	0.00	0.00
total HAPs	1.52	0.06	1.58
worst case single HAP	0.37 (Hexane)	0.02 (Hexane)	0.57 (Hexane)

Total emissions based on rated capacities at 8,760 hours/year.
**For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

Controlled Potential To Emit (tons/year)

Emissions Generating Activity			
Pollutant	Storage Tanks	Process Fugitive Emissions	**TOTAL**
PM	0.00	0.00	0.00
PM10	0.00	0.00	0.00
SO2	0.00	0.00	0.00
NOx	0.00	0.00	0.00
VOC	4.87	0.44	5.31
CO	0.00	0.00	0.00
total HAPs	1.52	0.06	1.58
worst case single HAP	0.37 (Hexane)	0.02 (Hexane)	0.57 (Hexane)

Total emissions based on rated capacities at 8,760 hours/year.

Appendix A: Emission Calculations

Company Name: TE Products Pipeline Company, Limited Partnership (TEPPCO)
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15730-00007
Reviewer: Adeel Yousuf/EVP
Date: August 6, 2002

Total Potential To Emit (tons/year)

Pollutant	Emissions Generating Activity: Storage Tanks	Process Fugitive Emissions	**TOTAL**
PM	0.00	0.00	0.00
PM10	0.00	0.00	0.00
SO2	0.00	0.00	0.00
NOx	0.00	0.00	0.00
VOC	3.61	0.44	4.05
CO	0.00	0.00	0.00
total HAPs	1.45	0.06	1.51
worst case single HAP	0.35 (Hexane)	0.02 (Hexane)	0.37 (Hexane)

Total emissions based on rated capacities at 8,760 hours/year.

**For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

Controlled Potential To Emit (tons/year)

Pollutant	Emissions Generating Activity: Storage Tanks	Process Fugitive Emissions	**TOTAL**
PM	0.00	0.00	0.00
PM10	0.00	0.00	0.00
SO2	0.00	0.00	0.00
NOx	0.00	0.00	0.00
VOC	3.61	0.44	4.05
CO	0.00	0.00	0.00
total HAPs	1.45	0.06	1.51
worst case single HAP	0.35 (Hexane)	0.02 (Hexane)	0.37 (Hexane)

Total emissions based on rated capacities at 8,760 hours/year.

Appendix A: Emission Calculations
Tank VOC Emissions - Maximum PTE

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15562-00007
Reviewer: Adeel Yousuf / EVP
Date: June 6, 2002

Tank Number	Product Stored	Withdrawl	Losses (Tons per Year) Rim Seal	Deck Fitting	Deck Seam	Roof Fitting	Total VOC Tons/yr	Title V permit (051-6047-00007) Tons/yr	Overall Change in Tanks Emisions Tons/yr
2201	Gasoline (RVP 13)	0.84	0.11	1.78	0.00	0.00	1.89	6.68	
2202	Gasoline (RVP 13) *	0.90	0.10	0.41	0.00	0.00	1.41	0.62	
2203	Natural Gasoline	0.70	0.32	3.64	0.00	0.00	3.96	0.61	
2204	Gasoline (RVP13)	0.84	0.11	1.78	0.00	0.00	1.89	1.81	
2205	Natural Gasoline	0.42	0.18	4.10	0.00	0.00	4.28	2.79	
2261	Gasoline (RVP 13)	0.20	0.42	0.87	0.00	0.00	1.29	1.59	
2262	Jet Kerosene	1.16	0.00	0.00	0.00	0.00	1.16	1.16	
2206 (new tank being added)	Natural Gasoline **	0.46	0.16	3.64	0.00	0.00	4.26	N/A	
Total VOC *		**2.52**	**1.41**	**16.21**	**0.00**	**0.00**	**20.14**	**15.27**	**4.87**

Note: All storage tank emissions estimated using USEPA's Tanks 4.0 software program and are based on the estimated maximum annual throughput for each tank.

* Maximum working loss is limited by the loading rack. The working emissions are based on the maximum throughput to the rack. The working losses for each tank is based on only one tank being used all the time and loading at a maximum throughput rate to the rack.

** Maximum working loss is limited by the pipeline rate. Material from only one tank can be shipped to the pipeline at any time.

Withdrawal losses not included in the source-wide HAP determination are shown in grey.

Appendix A: Emission Calculations
Tank HAP Emissions - Maximum PTE

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15562-00007
Reviewer: Adeel Yousuf / EVP
Date: June 6, 2002

Standing Losses

Tank Number	Product Stored	VOC Emissions Tons/yr	Vapor Weight Percent								Total
			Benzene	Toluene	Ethyl-Benzene	Xylenes	Cumene	Hexane	Isooctane	MTBE	
	Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	0.00%	1.60%	0.00%	1.30%	
	Jet Kerosene	N/A	16.71%	9.85%	1.74%	4.45%	0.00%	5.35%	0.00%	0.00%	
	Natural Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	0.00%	1.60%	0.00%	1.30%	
HAP Emissions (tons/yr)											
2201	Gasoline (RVP 13)	1.89	0.02	0.02	0.00	0.01	0.00	0.03	0.00	0.02	0.11
2202	Gasoline (RVP 13)*	1.41	0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.08
2203	Natural Gasoline	3.96	0.04	0.05	0.00	0.02	0.00	0.06	0.00	0.05	0.23
2204	Gasoline (RVP13)	1.89	0.02	0.02	0.00	0.01	0.00	0.03	0.00	0.02	0.11
2205	Natural Gasoline	4.28	0.04	0.06	0.00	0.02	0.00	0.07	0.00	0.06	0.24
2261	Gasoline (RVP 13)	1.29	0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.07
2262	Jet Kerosene	1.16	0.19	0.11	0.02	0.05	0.00	0.06	0.00	0.00	0.44
2206 (new tank being added)	Natural Gasoline **	4.26	0.04	0.06	0.00	0.02	0.00	0.07	0.00	0.06	0.24
Total		**20.14**	**0.36**	**0.36**	**0.04**	**0.15**	**0.00**	**0.37**	**0.00**	**0.25**	**1.52**

Total HAPs emissions in the Title V permit (051-6047-00007) were calculated to be 8.62 TPY. Since tank nos. 2203 and 2204 will not store MTBE anymore, the new total HAPs emission as a result of this modification are calculated to be 1.52 TPY. Total net change in total HAPs emission is equal to -7.10 TPY.

Note: All storage tank emissions estimated using USEPA's Tanks 4.0 software program and are based on the estimated maximum annual throughput for each tank.

* Maximum working loss is limited by the loading rack. The working emissions are based on the maximum throughput to the rack. The working losses for each tank is based on only one tank being used all the time and loading at a maximum throughput rate to the rack.

** Maximum working loss is limited by the pipeline rate. Material from only one tank can be shipped to the pipeline at any time.

Appendix A: Emission Calculations
Tank VOC Emissions - Maximum PTE

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15730-00007
Reviewer: Adeel Yousuf / EVP
Date: August 6, 2002

Tank Number	Product Stored	Withdrawl	Losses (Tons per Year) Rim Seal	Deck Fitting	Deck Seam	Roof Fitting	Total VOC Tons/yr	Title V permit (051-6047-00007) Tons/yr	Overall Change in Tanks Emisions Tons/yr
2201	Gasoline (RVP 13)	0.88	0.82	2.80	0.00	0.00	3.62	6.68	
2202	Gasoline (RVP 13) *	0.90	0.21	0.25	0.00	0.00	1.36	0.62	
2203	Natural Gasoline	0.34	0.30	0.32	0.00	0.00	0.63	0.61	
2204	Gasoline (RVP13)	0.88	0.82	2.46	0.00	0.00	3.29	1.81	
2205	Natural Gasoline	0.40	0.33	2.94	0.00	0.00	3.28	2.79	
2261	Gasoline (RVP 13)	0.20	0.42	0.87	0.00	0.00	1.29	1.59	
2262	Jet Kerosene	1.16	0.00	0.00	0.00	0.00	1.16	1.16	
2206 (new tank being added)	Natural Gasoline **	0.46	0.16	3.64	0.00	0.00	4.26	N/A	
Total VOC *		**2.52**	**3.07**	**13.29**	**0.00**	**0.00**	**18.88**	**15.27**	**3.61**

Note: All storage tank emissions estimated using USEPA's Tanks 4.0 software program and are based on the estimated maximum annual throughput for each tank.

* Maximum working loss is limited by the loading rack. The working emissions are based on the maximum throughput to the rack. The working losses for each tank is based on only one tank being used all the time and loading at a maximum throughput rate to the rack.

** Maximum working loss is limited by the pipeline rate. Material from only one tank can be shipped to the pipeline at any time.

Withdrawal losses not included in the source-wide HAP determination are shown in grey.

Appendix A: Emission Calculations
Tank HAP Emissions - Maximum PTE

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15730-00007
Reviewer: Adeel Yousuf / EVP
Date: August 6, 2002

Standing Losses

Tank Number	Product Stored	VOC Emissions Tons/yr	Vapor Weight Percent								Total
			Benzene	Toluene	Ethyl-Benzene	Xylenes	Cumene	Hexane	Isooctane	MTBE	
	Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	0.00%	1.60%	0.00%	1.30%	
	Jet Kerosene	N/A	16.71%	9.85%	1.74%	4.45%	0.00%	5.35%	0.00%	0.00%	
	Natural Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	0.00%	1.60%	0.00%	1.30%	
HAP Emissions (tons/yr)											
2201	Gasoline (RVP 13)	3.62	0.03	0.05	0.00	0.02	0.00	0.06	0.00	0.05	0.21
2202	Gasoline (RVP 13)*	1.36	0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.08
2203	Natural Gasoline	0.63	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.04
2204	Gasoline (RVP13)	3.29	0.03	0.04	0.00	0.02	0.00	0.05	0.00	0.04	0.19
2205	Natural Gasoline	3.28	0.03	0.04	0.00	0.02	0.00	0.05	0.00	0.04	0.19
2261	Gasoline (RVP 13)	1.29	0.01	0.02	0.00	0.01	0.00	0.02	0.00	0.02	0.07
2262	Jet Kerosene	1.16	0.19	0.11	0.02	0.05	0.00	0.06	0.00	0.00	0.44
2206 (new tank being added)	Natural Gasoline **	4.26	0.04	0.06	0.00	0.02	0.00	0.07	0.00	0.06	0.24
Total		**18.88**	**0.35**	**0.34**	**0.04**	**0.14**	**0.00**	**0.35**	**0.00**	**0.23**	**1.45**

Total HAPs emissions in the Title V permit (051-6047-00007) were calculated to be 8.62 TPY. Since tank nos. 2203 and 2204 will not store MTBE anymore, the new total HAPs emission as a result of this modification are calculated to be 1.52 TPY. Total net change in total HAPs emission is equal to -7.10 TPY.

Note: All storage tank emissions estimated using USEPA's Tanks 4.0 software program and are based on the estimated maximum annual throughput for each tank.

* Maximum working loss is limited by the loading rack. The working emissions are based on the maximum throughput to the rack. The working losses for each tank is based on only one tank being used all the time and loading at a maximum throughput rate to the rack.

** Maximum working loss is limited by the pipeline rate. Material from only one tank can be shipped to the pipeline at any time.

Appendix A: Emission Calculations
Process Fugitive Emissions

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15562-00007
Reviewer: Adeel Yousuf / EVP
Date: June 6, 2002

Component Type	Service	Avg. Emission Factor (lb/hr-component)	Quantity*	VOC Emissions (lb/hr)	VOC Emissions (tons/yr)	Total HAPs from Title V permit (051-6047-00007) (tons/yr)	Overall Change in Tanks Emisions (tons/yr)
Flange/Screwed	Vapor	0.000067	600	0.040	0.18		
Connections	Light Liquid	0.000023	2350	0.054	0.24		
	Heavy Liquid	Negligible	0	Negligible	Negligible		
Valves	Vapor	0.00016	100	0.016	0.07		
	Light Liquid	0.00015	750	0.113	0.49		
	Heavy Liquid	Negligible	0	Negligible	Negligible		
Pump Seals	Light Liquid	0.00093	30	0.028	0.12		
	Heavy Liquid	Negligible	0	Negligible	Negligible		
Total				**0.251**	**1.10**	**0.66**	**0.44**

* All components are conservatively assumed to be in light liquid service.

Appendix A: Emission Calculations
Tank HAP Emissions - Maximum PTE

Company Name: TEPPCO Princeton Terminal
Address City IN Zip: RR #1 Box 184A Oakland City, IN 47560
Operating Permit No.: 051-15562-00007
Reviewer: Adeel Yousuf / EVP
Date: June 6, 2002

Emission Source	Product Stored	VOC Emissions Tons/yr	Vapor Weight Percent								Total
			Benzene	Toluene	Ethyl-Benzene	Xylenes	Cumene	Hexane	Isooctane	MTBE	
	Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	0.00%	1.60%	0.00%	1.30%	
HAP Emissions (tons/yr)											
Process Fugitive Emissions	Gasoline	1.10	0.01	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.06