



Thomas M. McDermott, Jr.
Mayor

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

CITY OF HAMMOND

RONALD L. NOVAK

Director

May 29, 2008

John Tenison
Manager, HSE Pipelines and Terminals
The Premcor Pipeline Co.
One Valero Way
San Antonio, TX 78249

Re: 089-25723-00209
Significant Permit Modification to
Part 70 permit T089-15668-00209

Dear Mr. Tenison:

The Premcor Pipeline Co. was issued Part 70 Operating Permit T089-15668-00209 on March 21, 2006 for a petroleum bulk terminal. An application requesting changes to this permit was received on December 18, 2007. 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:

1. corrections of the design capacities for Ethanol Storage Tanks 10 and 11,
2. corrections of the installation dates for Petroleum Liquid Storage Tanks 8 and 9,
3. updates of the rule applicability in accordance with the above corrections,
4. removal of the portable trailer-mounted combustion unit (flare), and
5. update of the owner name to the official name.

All other conditions of the permit shall remain unchanged and in effect. Please find a copy of this modification and the revised permit attached.

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, please contact Ronald Holder, HDEM at (219) 853-6306.

Sincerely,

Original signed by:

Ronald L. Novak, Director
Hammond Department of Environmental Management
Air Pollution Control Division

Enclosure
RH

cc: Mindy Hahn, IDEM-OAQ, Permits Administration

5925 Calumet Avenue
Hammond, IN 46320
219. 853.6306
fax: 219 853 6343



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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

CITY OF HAMMOND

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Director

PART 70 OPERATING PERMIT RENEWAL

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

and

**HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AIR POLLUTION CONTROL DIVISION**

**The Premcor Pipeline Co.
1020 – 141st Street
Hammond, Indiana 46320**

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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.: T089-15668-00209	
Original signed by: Paul Dubenetzky, Assistant Commissioner Office of Air Management	Issuance Date: March 21, 2006
Original signed by: Ronald L. Novak, Director Hammond Department of Environmental Management	Expiration Date: March 21, 2011

Significant Permit Modification: 089-25723-00209	Pages Affected: Entire Permit
Original Signed by: Issued by: _____ Ronald L. Novak, Director Hammond Department of Environmental Management	Issue Date: May 29, 2008 Expiration Date: March 21, 2011

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and Hammond Department of Environmental Management (HDEM). 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, The Premcor Pipeline Co. (Premcor), owns a stationary Petroleum Bulk Terminal Operation that is operated by Valero Terminating and Distribution Company (VTDC).

Source Address: 1020 – 141st Street, Hammond, Indiana 46320
Mailing Address: Same
General Source Phone Number: (219) 931-5620
SIC Code: 5171 - Petroleum Bulk Terminal
County Location: Lake County

Source Location Status: Nonattainment for PM_{2.5}
Nonattainment for Ozone under the 8-hour standard
Attainment for all other criteria pollutants

Source Status: Part 70 Permit Program
Minor Source under PSD
Major Source under Emission Offset Rules
Minor Source, Section 112 of the Clean Air Act
1 of 28 Source Categories

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 permitted emission units and pollution control devices:

- (a) One (1) Tank Truck Loading Operation where gasoline, distillates, and denatured ethanol are bottom-loaded into transport trucks. Displaced hydrocarbon emissions are controlled by a John Zink Carbon Adsorption/Absorption Vapor Recovery Unit (VRU). The loading operation includes three (3) loading bays and has a maximum loading capacity of 72,000 gallons per hour. The loading facility was installed in 1958. The VRU was replaced in 2001.
- (b) Nine (9) petroleum liquid (gasoline, distillate, denatured ethanol, or other refinery fractions) storage tanks, identified as tanks No. 2, 3, 5, 6, 7, 8, 9, 10, and 11. Tank specifications are as follows:
 - (1) Storage Tank No. 2 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
 - (2) Storage Tank No. 3 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
 - (3) Storage Tank No. 5 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 6,300,000 gallons. The tank was constructed in 1967. [326 IAC 8-9]

- (4) Storage Tank No. 6 has an internal floating roof equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. [326 IAC 8-9]
- (5) Storage Tank No. 7 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. [326 IAC 8-9]
- (6) Storage Tank No. 8 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 210,000 gallons. The tank was constructed after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]
- (7) Storage Tank No. 9 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 3,570,000 gallons. The tank was constructed after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]
- (8) Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,300 gallons. The tank was constructed in 1958. [326 IAC 8-9]
- (9) Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,550 gallons. The tank was reconstructed in 2006. [NSPS Subpart Kb]

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):

Four (4) storage tanks which emit less than one (1) ton per year of a single HAP and less than fifteen (15) pounds per day of VOC. Tank specifications are as follows:

- (a) Storage Tank No. 1 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (b) Storage Tank No. 4 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (c) Storage Tank No. 12 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1994. [326 IAC 8-9]
- (d) Storage Tank No. 15 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1997. [326 IAC 8-9]

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

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)] [326 IAC 2-1.1-9.5] [326 IAC 2-7-4(a)(1)(D)] [IC 15-3-6(a)]

- (a) This permit, T089-15668-00209, is issued for a fixed term of five (5) years from the issuance date of this permit, 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 of this permit.
- (b) If IDEM, OAQ, and HDEM, upon receiving a timely and complete renewal 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.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7]

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

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 Provide Information [326 IAC 2-7-5(6)(E)]

- (a) The Permittee shall furnish to IDEM, OAQ and HDEM, within a reasonable time, any information that IDEM, OAQ and HDEM 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). Upon request, the Permittee shall also furnish to IDEM, OAQ and HDEM copies of records required to be kept by this permit.

- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 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 requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A responsible official is defined in 326 IAC 2-7-1(34).

B.9 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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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 and HDEM 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 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 and HDEM 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.10 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.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ and HDEM upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and HDEM. IDEM, OAQ and HDEM may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 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.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ and HDEM within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

IDEM

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or

Telephone Number: 317-233-0178 (ask for Compliance Section)

Facsimile Number: 317-233-6865

HDEM

Telephone Number: 219-853-6306
Facsimile Number: 219-853-6343

- (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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ and HDEM may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
 - (f) Failure to notify IDEM, OAQ and HDEM 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) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 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 in 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) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement, IDEM, OAQ or HDEM 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.
- (c) 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.
- (d) 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.
- (e) 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).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ or HDEM has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ or HDEM has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T089-15668-00209 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or

(3) deleted under 326 IAC 2-7-10.5

- (b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 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.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 Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "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.

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 or HDEM 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 or HDEM 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 or HDEM at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ and HDEM may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and HDEM, 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(40) and 326 IAC 2-7-1(21). 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) 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 and HDEM on or before the date it is due.
- (c) 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 and HDEM, 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 and HDEM, any additional information identified as being needed to process the application.

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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

Any such application shall 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) 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 limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

and

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

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

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

Such records shall consist of all information required to be submitted to IDEM, OAQ and HDEM in the notices specified in 326 IAC 2-7- 20(b)(1), (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 is not considered an application form, report or compliance certification. Therefore, the notification 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 emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(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.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

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

A modification, construction, or reconstruction is governed by the requirements of 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] [IC 13-30-3-1] [IC 13-17-3-2]

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, HDEM and 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) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, IN 46320

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)][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ and HDEM within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ and HDEM 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 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 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 twenty percent (20%) 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.2 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.

C.3 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.

C.4 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.5 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
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "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 14-10-1, 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) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **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 to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.6 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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 and HDEM not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ and HDEM, 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.7 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 by issuing an order under 326 IAC 2-1.1-11. 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.8 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 thirty (30) 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, equipment cannot be installed and operated within thirty (30) days, the Permittee may extend the compliance schedule related to the equipment for an additional thirty (30) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

in writing, prior to the end of the initial thirty (30) 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.9 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.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ or HDEM approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

C.11 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 prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on March 29, 1999.
- (b) Upon direct notification by IDEM, OAQ or HDEM, 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.12 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68 is present at a source in more than a threshold quantity, the source must comply with the applicable requirements of 40 CFR 68.

C.13 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

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

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

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [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.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

C.15 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) In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), the Permittee shall submit by July 1 an emission statement covering the previous calendar year as follows:
 - (1) starting in 2007 and every three (3) years thereafter, and
 - (2) any year not already required under (1) if the source emits volatile organic compounds or oxides of nitrogen into the ambient air at levels equal to or greater than twenty-five (25) tons during the previous calendar year.
- (b) The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
 - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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

- (c) The 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 and HDEM on or before the date it is due.

C.16 Annual Emission Inventory [Hammond Ordinance No. 7102]

The Permittee shall submit an annual emission inventory containing production information for each permitted unit. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. The production information should include a description of the material stored in each tank and the throughput for the calendar year. The emission inventory must be received by July 1 of each year. A valid emission statement satisfying the requirements of Condition C.15 shall be considered an acceptable emission inventory. This is a local requirement only. The emission inventory must be submitted to:

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

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

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

- (a) Records of all required monitoring data, reports and support information required by this Permit 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 physically present or electronically accessible 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 or HDEM makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner and HDEM 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) If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A), 40 CFR 51.165 (a)(6)(vi)(B), 40 CFR 51.166 (r)(6)(vi)(a), and/or 40 CFR 51.166 (r)(6)(vi)(b)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in a significant emissions increase and the Permittee elects to utilize the

“projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:

- (1) Before beginning actual construction of the “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (d) If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A), and/or 40 CFR 51.166 (r)(6)(vi)(a)) that a “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in a significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:
 - (1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
 - (2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the “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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue
Hammond, Indiana 46320

- (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 and HDEM on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C – General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1(III)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ and HDEM:
 - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
 - (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C- General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Hammond Department of Environmental Management
5925 Calumet Avenue, Room 304
Hammond, Indiana 46320

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ or HDEM. The general public may request this information from the IDEM, OAQ or HDEM under 326 IAC 17.1.

Stratospheric Ozone Protection

C.19 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)]: Tank Truck Loading Operation

One (1) Tank Truck Loading Operation where gasoline, distillates, and denatured ethanol are bottom-loaded into transport trucks. Displaced hydrocarbon emissions are controlled by a John Zink Carbon Adsorption/Absorption Vapor Recovery Unit (VRU). The loading operation includes three (3) loading bays and has a maximum loading capacity of 72,000 gallons per hour. The loading facility was installed in 1958. The VRU was replaced in 2001.

(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 NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the loading rack except when otherwise specified in 40 CFR 60, Subpart XX.

D.1.2 Volatile Organic Compound (VOC) [326 IAC 12] [40 CFR 60, Subpart XX] [326 IAC 8-4-4] [326 IAC 8-4-9]

- (a) The Tank Truck Loading Rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading and direct the vapors to the Vapor Recovery Unit (VRU).
- (b) No loading of gasoline into tank trucks shall take place unless the VRU is: in operation, in good working order, and in compliance with D.1.2(c). Denatured ethanol and distillate having a Reid vapor pressure less than twenty-seven and six-tenths (27.6) kilopascals may be loaded without the VRU being in operation provided the tank truck being loaded did not contain gasoline on the immediately previous load. When not utilizing the VRU to control emissions during loading of tank trucks, the Permittee shall obtain a certification from the driver of each tank truck attesting that the tank truck did not contain gasoline on the immediately previous load.
- (c) The emissions to the atmosphere from the VRU due to the loading of liquid product into gasoline tank trucks are not to exceed thirty five (35) milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of 40 CFR 60.502.
- (d) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
- (e) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
 - (1) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (2) The Permittee shall review the vapor tightness documentation to insure that each gasoline tank truck has successfully demonstrated vapor tightness according to the procedures in 40 CFR Part 60, Method 27. Each tank truck must be tested annually. During the test, the tank truck must:
 - (A) sustain a pressure change of no more than one (1) inch of water in five (5) minutes when pressurized to eighteen (18) inches of water;
 - (B) sustain a vacuum change of no more than one (1) inch of water in five (5) minutes when subjected to an initial vacuum of six (6) inches of water.

- (C) The tank truck's internal vapor valve shall be tested in accordance with 326 IAC 8-4-9(b)(1)(B). The initial pressure of the tank truck shall be set to eighteen (18) inches of water for the test. The maximum allowable pressure increase in the vapor return line and manifold is five (5) inches of water during the five (5) minute test period.
- (3) The Permittee shall record the tank identification number of each gasoline tank truck loaded at the facility.
- (4) The Permittee shall cross-check each tank identification number obtained in paragraph D.1.2(e)(3) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
- (5) The Permittee shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
- (6) The Permittee shall take steps assuring that the non-vapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
- (7) Alternate procedures to those described in paragraphs (e)(1) through (5) of 40 CFR 60.502 for limiting gasoline tank truck loadings may be used upon application to, and approval by, the IDEM, OAQ and HDEM.
- (f) The Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tank trucks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
- (g) The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
- (h) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the tank truck from exceeding 4,500 pascals (450 mm of water) and a vacuum from exceeding one thousand five hundred (1,500) pascals (6 inches of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).
- (i) The Permittee shall repair and retest a vapor collection or control system that exceeds the limits in D.1.2(h) within fifteen (15) days.
- (j) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (k) A means shall be provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
- (l) The Permittee shall operate the vapor control system and gasoline loading rack in a manner that prevents avoidable visible liquid leaks during loading or unloading operations.
- (m) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.

D.1.3 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 this facility and its control equipment.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1)]

A compliance stack test shall be performed to demonstrate compliance with the VOC limit of (35) mg/l of gasoline loaded at the exhaust of the vapor control system. The test shall be completed by November 10, 2010 and repeated no less than once every 5 years thereafter. Testing shall be performed in accordance with 326 IAC 3-6 using methods acceptable to the Commissioner.

D.1.5 Inspection Requirements [40 CFR 60, Subpart XX]

Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks in accordance with 40 CFR 60.502(j). The source of the leak shall be repaired within 15 calendar days after it is detected.

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

D.1.6 Monitoring [40 CFR 64]

- (a) When operating the VRU to control VOC emissions, the Permittee shall perform a daily inspection of the VRU on days when the terminal is operating. The inspection shall be conducted while gasoline is being loaded and shall be of a duration encompassing at least one full regeneration cycle of the VRU. The parameters on the Permittee's Compliance Assurance Monitoring (CAM) plan shall be observed.

Corrective actions shall be implemented when the regeneration cycle of the VRU exceeds fifteen (15) minutes, carbon bed temperature exceeds one hundred twenty degrees (120°F), or carbon bed vacuum is not in the range between twenty-seven and twenty-eight (27" - 28") inches of mercury for any one (1) reading. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.1.7 Record Keeping Requirements

- (a) To document compliance with Condition D.1.2(e), the documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following:
- (1) Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27
 - (2) Tank owner and address
 - (3) Tank identification number
 - (4) Testing location
 - (5) Date of test
 - (6) Tester name and signature
 - (7) Witnessing inspector, if any: Name, signature, and affiliation

- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).
- (9) Records of repairs including the date of the repair, the type of repair, and the date of the retest.
- (b) To document compliance with Condition D.1.5, records of each monthly leak inspection shall be maintained. At a minimum, the following information shall be recorded:
 - (1) Date of inspection
 - (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
 - (3) Leak determination method
 - (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
 - (5) Inspector name and signature.
- (c) To document compliance with Condition D.1.6(a), the Permittee shall maintain records of the daily VRU inspections. The time between regeneration of the carbon beds shall be recorded. The carbon bed temperatures and vacuum readings shall be recorded as per the Permittee's CAM plan. The Permittee shall also maintain a record of all corrective actions, which are implemented when the aforementioned parameters are outside of the ranges listed in Condition D.1.6(a). The Permittee shall include in its daily record when an inspection is not performed or parameter readings are not taken and the reason for the lack of inspection or parameter readings (e.g. the process did not operate that day).
- (d) When the VRU is not utilized during the loading of tank trucks, to document compliance with Condition D.1.2(b), the Permittee shall obtain a certification from the driver of each tank truck loaded. The certification shall include the following information: date, time, product being loaded, product loaded on the immediately previous shipment, name of the trucking firm or owner, phone number of the trucking firm or owner, printed name of the driver, and signature of the driver attesting to the accuracy of the information provided.
- (e) Records of the types of volatile petroleum liquid loaded and the maximum true vapor pressure of the liquid as loaded shall be maintained for a minimum of 5 years and made available upon request by IDEM, OAQ or HDEM. Alternatively, the Permittee may keep records indicating which storage tank was the source of the volatile petroleum liquid loaded, provided the type and true vapor pressure of the liquid in the storage tank is also recorded.
- (f) The Permittee shall maintain all records necessary to demonstrate compliance with the Preventive Maintenance Plan required by Conditions D.1.3, D.1.6, and B.10.
- (g) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Storage Tanks

Nine (9) petroleum liquid (gasoline, distillate, denatured ethanol, or other refinery fractions) storage tanks, identified as tanks No. 2, 3, 5, 6, 7, 8, 9, 10, and 11. Tank specifications are as follows:

- (1) Storage Tank No. 2 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (2) Storage Tank No. 3 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (3) Storage Tank No. 5 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 6,300,000 gallons. The tank was constructed in 1967. [326 IAC 8-9]
- (4) Storage Tank No. 6 has an internal floating roof equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. [326 IAC 8-9]
- (5) Storage Tank No. 7 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. [326 IAC 8-9]
- (6) Storage Tank No. 8 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 210,000 gallons. The tank was constructed after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]
- (7) Storage Tank No. 9 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 3,570,000 gallons. The tank was constructed after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]
- (8) Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,300 gallons. The tank was constructed in 1958. [326 IAC 8-9]
- (9) Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,550 gallons. The tank was reconstructed in 2006. [NSPS Subpart Kb]

(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.2.1 Storage Vessels [326 IAC 8-9-4(a)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-4(a), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, tanks 2, 3, 5, 6, 7, 8, 9, 10, and 11 shall not store a volatile organic liquid (VOL) with a vapor pressure greater than or equal to eleven and one-tenth (11.1) psia as stored.

D.2.2 Storage Vessels [326 IAC 8-9-4(c)] [326 IAC 8-4-3(b)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-4(c), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, tanks 2, 3, 5, 6, 7, 8, 9, 10, and 11 shall be equipped with a fixed roof in combination with an internal floating roof meeting the following:

- (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.

- (b) 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 tank is completely emptied and refilled.
- (c) 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.
- (d) Each internal floating roof shall be equipped with one (1) of the following closure devices between the wall of the vessel and the edge of the internal floating roof:
 - (1) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal).
 - (2) Two (2) seals mounted one (1) above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (3) A mechanical shoe seal that consists of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric, or envelope, spans the annular space between the metal sheet and the floating roof.
- (e) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.
- (f) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
- (g) 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.
- (h) 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.
- (i) 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.
- (j) 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.
- (k) 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.
- (l) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

D.2.3 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 these facilities.

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

D.2.4 Monitoring [326 IAC 8-9-5(b)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-5(b), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, the owner or operator of tanks 2, 3, 5, 6, 7, 8, 9, 10, and 11 shall:

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

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

D.2.5 Record Keeping Requirements

- (a) In accordance with 326 IAC 8-9-6(b), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, the owner or operator of tanks 2, 3, 5, 6, 7, 8, 9, 10, and 11 shall maintain records of each vessel including the vessel identification number, dimensions, capacity, and a description of the emission control equipment. These records shall be maintained for the life of the vessel.
- (b) In accordance with 326 IAC 8-9-6(c), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, a record of each inspection performed as required under Condition D.2.4 shall be maintained and shall identify the following:
 - (1) The vessel identification number
 - (2) The date of the inspection
 - (3) The observed condition of the seal, internal floating roof, and fittings.
- (c) Pursuant to 326 IAC 8-4-3(d), 40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb, the Permittee shall maintain a record of the petroleum liquid or VOL stored in tanks 2, 3, 5, 6, 7, 8, 9, 10, and 11 the period of storage, the maximum true vapor pressure of that liquid as stored, and the results of the inspections performed on the storage vessels.

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

D.2.6 Reporting Requirements

A report of any defects (the internal floating roof is not resting on the surface of the VOL, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric) discovered during the annual inspection required in D.2.4 shall be furnished to the IDEM, OAQ and HDEM within thirty (30) days of the inspection. The report shall identify the vessel identification number, the nature of the defects, and the date the vessel was emptied or the nature of and date the repair was made.

SECTION D.3 FACILITY OPERATION CONDITIONS - INSIGNIFICANT ACTIVITIES

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

Four (4) storage tanks which emit less than one (1) ton per year of a single HAP and less than fifteen (15) pounds per day of VOC. Tank specifications are as follows:

- (a) Storage Tank No. 1 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (b) Storage Tank No. 4 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (c) Storage Tank No. 12 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1994. [326 IAC 8-9]
- (d) Storage Tank No. 15 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1997. [326 IAC 8-9]

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

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

D.3.1 Record Keeping Requirements

- (a) In accordance with 326 IAC 8-9-6(b), the owner or operator of tanks 12 and 15, shall maintain records of each vessel including the vessel identification number, dimensions, capacity, and a description of the emission control equipment. These records shall be maintained for the life of the vessel.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.3.2 Reporting Requirements

In accordance with 326 IAC 8-9-6(h), the owner or operator of tanks 1 and 4 shall maintain a record and notify the IDEM, OAQ and HDEM within thirty (30) days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: The Premcor Pipeline Co.
Source Address: 1020 – 141st Street, Hammond, Indiana 46320
Mailing Address: Same
Part 70 Permit No.: T089-15668-00209

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

Please check what document is being certified:

- Annual Compliance Certification Letter
- Emergency/Deviation Occurrence Reporting Form
- Test Result (specify)
- Report (specify)
- Notification (specify)
- Other (specify)

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865**

and

**HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
5925 Calumet Avenue
Hammond, Indiana 46320
Phone: 219-853-6306
Fax: 219-853-6343**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: The Premcor Pipeline Co.
Source Address: 1020 – 141st Street, Hammond, Indiana 46320
Mailing Address: Same
Part 70 Permit No.: T089-15668-00209

This form consists of 2 pages

Page 1 of 2

<p>___ This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ) and the Hammond Department of Environmental Management (HDEM), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section) and (219-853-6306, for HDEM); and• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865, IDEM and 219-853-6343, HDEM), 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
 and
 HAMMOND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**PART 70 OPERATING PERMIT
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: The Premcor Pipeline Co.
 Source Address: 1020 – 141st Street, Hammond, Indiana 46320
 Mailing Address: Same
 Part 70 Permit No.: T089-15668-00209

Months: _____ to _____ Year: _____

Page 1 of 2

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. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does 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".	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> 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:	
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**

and

**Hammond Department of Environmental Management
-Air Pollution Control Division-**

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

Source Name:	The Premcor Pipeline Co.
Source Location:	1020 - 141 st Street, Hammond, IN 46320
County:	Lake
SIC Code:	5171 – Petroleum Bulk Terminal
Operation Permit No.:	T089-15668-00209
Significant Permit Modification No.:	089-25723-00209
Permit Reviewer:	Ronald Holder, HDEM

On April 7, 2008, the Hammond Department of Environmental Management (HDEM) had a notice published in the Hammond Times, Hammond, Indiana, stating that The Premcor Pipeline Co. had applied for a modification of the Part 70 Operating Permit for their Petroleum Bulk Terminal located in Lake County, Indiana. The notice also stated that HDEM proposed to issue the modification 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.

Upon further review, the HDEM has decided to make the following revisions to the permit (bolded language has been added, the language with a line through it has been deleted):

The official name of the owner of the Hammond Terminal is "The Premcor Pipeline Co." The name appears in the current proposed operating permit as "~~The Premcor Pipeline Company~~". Corrections have been made on the following pages in the following manner:

On the cover page:

~~The Premcor Pipeline Company~~ has been changed to **The Premcor Pipeline Co.**

In the header of all pages:

~~The Premcor Pipeline Company~~ has been changed to **The Premcor Pipeline Co.**

On page 4, in Condition A.1:

~~The Premcor Pipeline Company~~ has been changed to **The Premcor Pipeline Co.**

In the reporting forms on pages 34, 35, and 37:

~~The Premcor Pipeline Company~~ has been changed to **The Premcor Pipeline Co.**

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.

Indiana Department of Environmental Management Office of Air Quality

and

Hammond Department of Environmental Management Air Pollution Control Division

Technical Support Document (TSD) for a Part 70 Significant Permit Modification

Source Description and Location

Source Name:	The Premcor Pipeline Company
Source Location:	1020 - 141 st Street, Hammond, IN 46320
County:	Lake
SIC Code:	5171 – Petroleum Bulk Terminal
Operation Permit No.:	T089-15668-00209
Operation Permit Issuance Date:	March 21, 2006
Significant Permit Modification No.:	089-25723-00209
Permit Reviewer:	Ronald Holder

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T089-15668-00209 on March 21, 2006. The source has not received any subsequent approvals.

County Attainment Status

The following attainment status designations are applicable to Lake County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Attainment effective February 18, 2000, for the part of the city of East Chicago bounded by Columbus Drive on the north; the Indiana Harbor Canal on the west; 148 th Street, if extended, on the the south; and Euclid Avenue on the east. Unclassifiable or attainment effective November 15, 1990, for the remainder of East Chicago and Lake County.
O ₃	Nonattainment Subpart 2 Moderate effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Attainment effective March 11, 2003, for the cities of East Chicago, Hammond, Whiting, and Gary. Unclassifiable effective November 15, 1990, for the remainder of Lake County.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Nonattainment Severe 17 effective November 15, 1990, for the Chicago-Gary-Lake County area for the 1-hour ozone standard which was revoked effective June 15, 2005. Basic nonattainment designation effective federally April 5, 2005, for PM2.5.	

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone.

(i) 1-hour ozone standard

On December 22, 2006 the United States Court of Appeals, District of Columbia issued a decision which served to partially vacate and remand the U.S. EPA's final rule for implementation of the eight-hour National Ambient Air quality Standard for ozone. *South Coast Air Quality Mgmt. Dist. v. EPA*, 472 F.3d 882 (D.C. Cir., December 22, 2006), *rehearing denied* 2007 U.S. App. LEXIS 13748 (D.C. Cir., June 8, 2007). The U.S. EPA has instructed IDEM to issue permits in accordance with its interpretation of the *South Coast* decision as follows: Gary-Lake-Porter County was previously designated as a severe non-attainment area prior to revocation of the one-hour ozone standard, therefore, pursuant to the anti-backsliding provisions of the Clean Air Act, any new or existing source must be subject to the major source applicability cut-offs and offset ratios under the area's previous one-hour standard designation. This means that a source must achieve the Lowest Achievable Emission Rate (LAER) if it exceeds 25 tons per year of VOC emissions and must offset any increase in VOC emissions by a decrease of 1.3 times that amount.

On January 26, 1996 in 40 CFR 52.777(i), the U.S. EPA granted a waiver of the requirements of Section 182(f) of the CAA for Lake and Porter Counties, including the lower NOx threshold for nonattainment new source review. Therefore, VOC emissions alone are considered when evaluating the rule applicability relating to the 1-hour ozone standards. Therefore, VOC emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3. See the State Rule Applicability for the source section.

(ii) 8-hour ozone standard

VOC and NOx emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. Lake County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3. See the State Rule Applicability – Entire Source section.

(b) PM2.5

U.S. EPA, in the Federal Register Notice 70 FR 943 dated January 5, 2005, has designated Lake County as nonattainment for PM2.5. On March 7, 2005 the Indiana Attorney General's Office, on behalf of IDEM, filed a law suit with the Court of Appeals for the District of Columbia Circuit challenging U.S. EPA's designation of nonattainment areas without sufficient data. However, in order to ensure that sources are not potentially liable for a violation of the Clean Air Act, the OAQ is following the U.S. EPA's guidance to regulate PM10 emissions as a surrogate for PM2.5 emissions pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5.

(c) Other Criteria Pollutants

Lake County has been classified as attainment or unclassifiable in Indiana for PM10, SO2, NOx, CO, and Lead. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(d) Since this source is classified as a petroleum storage and transfer facility with total storage capacity exceeding three hundred thousand (300,000) barrels, it is considered one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

- (e) Fugitive Emissions
Since this type of operation is in one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are counted toward the determination of PSD and Emission Offset applicability.

Source Status

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (ton/yr)
PM	negligible
PM ₁₀	negligible
SO ₂	negligible
VOC	> 25
CO	negligible
NO _x	negligible
HAPs	< 10

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 100 tons per year or more, and it is one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) This existing stationary source is major for Emission Offset because the emissions of the nonattainment pollutant, volatile organic compounds (VOC) in Lake County, are greater than twenty-five (> 25) tons per year.
- (c) These emissions are based upon the 2006 OAQ emission data.
- (d) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Permit Modification

In the Federal Register / Vol. 72, No. 143 / Thursday, July 26, 2007 / Notices, the Abstract for 0600045, Q6:A6, the EPA finds that the capacity of a tank prior to the installation of an internal floating roof is the design capacity for purposes of determining applicability of 40 CFR Part 60, Subpart Kb. The designed capacity is the nominal figure or nominal rating given to a storage vessel by the tank manufacturer. 40 CFR 60.110(a-c) identify "design capacity," not "usable" capacity of the storage vessel to be the key parameter for considering applicability. In addition, the volume occupied by the internal floating roof cannot be subtracted to bring the tank below the threshold of NSPS, Subpart Kb.

The Premcor Pipeline Company (Premcor) was issued a Part 70 Operating Permit Renewal No. T089-15668-00209 on March 21, 2006 for a petroleum bulk terminal located in Lake County, IN.

During the Part 70 permit renewal process, Ethanol Tanks 10 and 11 were erroneously assigned capacities of 38,700 gallons each based on the "usable" capacities determined after the installation of internal floating roofs in 1999. The installation of the internal floating roofs was not considered a modification at that time because, under the federal rules, they were not installed to accommodate a new or different product of greater vapor pressure that would result in an increase of emissions. The tanks were already being used for ethanol storage prior to the installation of the internal floating roofs.

On December 18, 2007, and in accordance with the above EPA decision, Premcor submitted an application to IDEM, OAQ and HDEM to correct the tank capacities and update the permit terms and conditions that may have changed due to rule applicability. Premcor also requested that the Part 70 permit be revised to address the regulatory applicability for Tanks 8 and 9. Although correctly identified as having been constructed in 1973; they were actually constructed after June 11, 1973, which would make them subject to 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978.

The Premcor Part 70 permit for the Hammond terminal also includes a portable trailer-mounted vapor combustion unit (flare) as a standby control device for the loading racks. Premcor has requested that all references to this unit be removed because it has been permanently removed from that location.

This significant permit modification was prepared to correct the capacities for Tanks 10 and 11, update the rule cites in accordance with the changes in rule applicability for Tanks 8, 9, 10, and 11, and to remove the portable trailer-mounted vapor combustion unit from the permit. Some tanks may be moved to a section of the permit where the applicable language already exists.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

There is no increase in the potential to emit of any regulated air pollutant associated with this significant permit modification.

Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit 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, IDEM, or the appropriate local air pollution control agency.”

There is no increase in the potential to emit of any regulated air pollutant associated with this significant permit modification.

This modification to a Part 70 operating permit is being performed as a significant permit modification issued pursuant to 326 IAC 2-7-12(d), because the modification requires significant changes in existing monitoring Part 70 permit terms and conditions.

Permit Level Determination – PSD or Emission Offset

There is no increase in the potential to emit of any regulated air pollutant associated with this significant permit modification.

Therefore, pursuant to 326 IAC 2-2 and 326 IAC 2-3, the PSD and Emission Offset requirements do not apply.

Federal Rule Applicability Determination

NSPS:

- (a) 40 CFR 60, Subpart K (Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978) applies to Tanks 8 and 9. Tanks 8 and 9 were correctly identified in the Part 70 permit renewal technical support document. However, Subpart K was erroneously left out of the rule cites in the permit. The language is in Section D.2 of the permit under the State Rule 326 IAC 8-9. The rule cites in Section D.2 will be updated to include Subpart K for Tanks 8 and 9.
- (b) 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) does not apply to Tank 10 because it was constructed in 1958. However, because of the correction of the tank capacity, the tank will be moved to Section D.2 of the permit where the appropriate parts of 326 IAC 8-9 apply.
- (c) 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) applies to Tank 11 because it was reconstructed in 2006. Due to the correction of the tank capacity, the tank will be moved to Section D.2 of the permit. The language is in Section D.2 of the permit under the State Rule 326 IAC 8-9. The rule cites in Section D.2 will be updated to include Subpart Kb for Tank 11.

NESHAP:

- (d) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to this proposed permit modification.

State Rule Applicability Determination

The following state rules are applicable to the source due to the modification:

326 IAC 2-2 and 2-3 (PSD and Emission Offset)

PSD and Emission Offset requirements do not apply because there were no changes or increases of emissions. See Permit Level Determination - PSD or Emission Offset section.

326 IAC 2-6 (Emission Reporting)

There are no changes to the emission reporting requirements for this source.

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

There are no changes in the applicable portions of this rule due to this permit modification.

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

Tank 11 is exempt from the requirements of this rule because 40 CFR 60, Subpart Kb applies. Tank 10 is subject to the requirements of this rule because 40 CFR 60, Subpart Kb does not apply. Tanks 10 and 11 will be moved from section D.3 to section D.2 in the permit, where the language for both the Federal and State rules are currently in place.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a 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 Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in 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.

Changes to the compliance determination and monitoring requirements are detailed in the following Proposed Changes section of this document.

Proposed Changes

The changes listed below have been made to the Part 70 Operating Permit T089-15668-00209. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

1. To minimize future amendments to the issued Part 70 permits, the OAQ decided to delete the name and/or title of the Responsible Official (RO) in Section A.1, General Information, of the permit. However, OAQ will still be evaluating if a change in RO meets the criteria specified in 326 IAC 2-7-1(34). Also, the Source Location Status has been updated and the Source Status has been corrected as follows:

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 Petroleum Bulk Terminal Operation.

Responsible Official:	Vice President
Source Address:	1020 – 141 st Street, Hammond, Indiana 46320
Mailing Address:	Same
General Source Phone Number:	(219) 931-5620
SIC Code:	5171 - Petroleum Bulk Terminal
County Location:	Lake County
Source Location Status:	Attainment/Unclassifiable for CO, NO₂ and Lead, Primary Nonattainment for SO₂, Attainment for PM₁₀, Nonattainment for PM_{2.5} and Severe Nonattainment for Ozone under the 8-hour standard Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Minor Source under PSD and Emission Offset Rules Major Source under Emission Offset Rules Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

2. In Section A.2, the portable trailer-mounted vapor combustor has been removed, the construction dates for Tanks 8 and 9 have updated, and Tanks 10 and 11 have been added as follows:

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 permitted emission units and pollution control devices:

- (a) One (1) Tank Truck Loading Operation where gasoline, distillates, and denatured ethanol are bottom-loaded into transport trucks. Displaced hydrocarbon emissions are controlled by a John Zink Carbon Adsorption/Absorption Vapor Recovery Unit (VRU). ~~This operation also utilizes a stand-by control device: one (1) Portable Trailer Mounted Vapor Combustor.~~ The loading operation includes three (3) loading bays and has a maximum loading capacity of 72,000 gallons per hour. The loading facility was installed in 1958. The VRU was replaced in 2001.
- (b) ~~Seven (7)~~ **Nine (9)** petroleum liquid (gasoline, distillate, denatured ethanol, or other refinery fractions) storage tanks, identified as tanks No. 2, 3, 5, 6, 7, 8, ~~and 9,~~ **10, and 11**. Tank specifications are as follows:
- (1) Storage Tank No. 2 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. **[326 IAC 8-9]**
 - (2) Storage Tank No. 3 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. **[326 IAC 8-9]**
 - (3) Storage Tank No. 5 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 6,300,000 gallons. The tank was constructed in 1967. **[326 IAC 8-9]**
 - (4) Storage Tank No. 6 has an internal floating roof equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. **[326 IAC 8-9]**
 - (5) Storage Tank No. 7 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. **[326 IAC 8-9]**
 - (6) Storage Tank No. 8 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 210,000 gallons. The tank was constructed ~~in~~ **after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]**
 - (7) Storage Tank No. 9 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 3,570,000 gallons. The tank was constructed ~~in~~ **after June 11, 1973. [326 IAC 8-9] [NSPS Subpart K]**
 - (8) **Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,300 gallons. The tank was constructed in 1958. [326 IAC 8-9]**
 - (9) **Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,550 gallons. The tank was re-constructed in 2006. [NSPS Subpart Kb]**

3. In Section A.3, Tanks 10 and 11 have been removed as follows:

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):

~~Six (6)~~ **Four (4)** storage tanks which emit less than one (1) ton per year of a single HAP and less than fifteen (15) pounds per day of VOC. Tank specifications are as follows:

- (a) Storage Tank No. 1 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (b) Storage Tank No. 4 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (c) Storage Tank No. 12 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1994. [326 IAC 8-9]
- (d) Storage Tank No. 15 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1997. [326 IAC 8-9]
- ~~(e) Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 38,700 gallons. The tank was constructed in 1958. [326 IAC 8-9]~~
- ~~(f) Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 38,700 gallons. The tank was constructed in 1958. [326 IAC 8-9]~~

In order to be consistent with the permit, storage tanks 10 and 11 were redesignated from (e) and (f) to (8) and (9) when they were moved from Sections A.3 and D.3 to Sections A.2 and D.2.

4. **IDEM Mailing Address change**

All references to IDEM, OAQ's mailing address have been revised as follows:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

5. IDEM, OAQ Compliance Branch Phone and Fax Number changes

All references to the IDEM, OAQ, Compliance Section telephone number have been revised as follows: ~~317-233-5674~~ **317 233-0178**.

All references to the IDEM, OAQ, Compliance Section facsimile number have been revised as follows: ~~317-233-5967~~ **317 233-6865**.

6. Section B – Nonroad engines – Permit Amendment or Modification

Upon further review, IDEM has decided to remove (d) concerning nonroad engines from original Condition B.18 – Permit Amendment or Modification. 40 CFR 89, Appendix A specifically indicates that states are not precluded from regulating the use and operation of nonroad engines, such as regulations on hours of usage, daily mass emission limits, or sulfur limits on fuel; nor are permits regulating such operations precluded, once the engine is no longer new.

7. Section C – C.2 - Open Burning and C.3 - Incineration

The last sentences of Conditions C.2 (Open Burning) and C.3 (Incineration) were deleted because the provisions of 326 IAC 4-1-3(a)(2)(A) and (B) and 326 IAC 9-1-2 are federally enforceable and are included in Indiana's State Implementation Plan (SIP).

8. Section C – General Record Keeping Requirements and General Reporting Requirements

On January 22, 2008 U.S. EPA promulgated a rule to address the remand, by the U.S. Court of Appeals for the District of Columbia on June 25, 2005, of the reasonable possibility provisions of the December 31, 2002 major NSR reform rule. IDEM has agreed, with the U.S. EPA, to interpret "reasonable possibility" in 326 IAC 2-2 and 326 IAC 2-3 consistent with the January 22, 2008 U.S. EPA rule. To implement this interpretation, IDEM is revising Section C – General Record Keeping Requirements and Section C – General Reporting Requirements.

For Condition C.17 - General Record Keeping Requirements, the rule cites have been updated and parts (c) and (d) have been added as follows:

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

(c) If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A), 40 CFR 51.165 (a)(6)(vi)(B), 40 CFR 51.166 (r)(6)(vi)(a), and/or 40 CFR 51.166 (r)(6)(vi)(b)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in a significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:

- (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:

- (i) **Baseline actual emissions;**
 - (ii) **Projected actual emissions;**
 - (iii) **Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and**
 - (iv) **An explanation for why the amount was excluded, and any netting calculations, if applicable.**
- (d) If there is a reasonable possibility (as defined in 40 CFR 51.165 (a)(6)(vi)(A), and/or 40 CFR 51.166 (r)(6)(vi)(a)) that a “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in a significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:
- (1) **Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and**
 - (2) **Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.**

For Condition C.18 - General Reporting Requirements, the rule cites have been updated and parts (f), (g), and (h) have been added as follows:

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C – General Record Keeping Requirements for any “project” (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ and HDEM:
- (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
- (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C- General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

**Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251**

and

**Hammond Department of Environmental Management
5925 Calumet Avenue, Room 304
Hammond, Indiana 46320**

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ or HDEM. The general public may request this information from the IDEM, OAQ or HDEM under 326 IAC 17.1.

The following changes have been made in the D Sections of the permit to remove the portable trailer-mounted vapor combustion unit, correct the nominal capacities of Tanks 10 and 11, and to update the rule cites for Tanks 8, 9, 10, and 11 that may have changed due to rule applicability.

1. In Section D.1, the portable trailer-mounted vapor combustion unit has been removed from the facility description as follows:

Facility Description [326 IAC 2-7-5(15)]: Tank Truck Loading Operation

One (1) Tank Truck Loading Operation where gasoline, distillates, and denatured ethanol are bottom-loaded into transport trucks. Displaced hydrocarbon emissions are controlled by a John Zink Carbon Adsorption/Absorption Vapor Recovery Unit (VRU). ~~This operation also utilizes a stand-by control device: one (1) Portable Trailer Mounted Vapor Combustor.~~ The loading operation includes three (3) loading bays and has a maximum loading capacity of 72,000 gallons per hour. The loading facility was installed in 1958. The VRU was replaced in 2001.

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

2. The portable trailer-mounted vapor combustion unit has been removed from Condition D.1.2 as follows:

D.1.2 Volatile Organic Compound (VOC) [326 IAC 12] [40 CFR 60, Subpart XX] [326 IAC 8-4-4] [326 IAC 8-4-9]

- (a) The Tank Truck Loading Rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading and direct the vapors to either the Vapor Recovery Unit (VRU) ~~or the Vapor Combustor.~~
- (b) ~~Unless the vapor combustor is being utilized, n~~o loading of gasoline into tank trucks shall take place unless the VRU is: in operation, in good working order, and in compliance with D.1.2(c). Denatured ethanol and distillate having a Reid vapor pressure less than twenty-seven and six-tenths (27.6) kilopascals may be loaded without the VRU being in operation provided the tank truck being loaded did not contain gasoline on the immediately previous load. When not utilizing the VRU ~~or vapor combustor~~ to control emissions during loading of tank trucks, the Permittee shall obtain a certification from the driver of each tank truck attesting that the tank truck did not contain gasoline on the immediately previous load.
- (c) The emissions to the atmosphere from the VRU ~~or Vapor Combustor~~ due to the loading of liquid product into gasoline tank trucks are not to exceed thirty five (35) milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of 40 CFR 60.502.

- ~~(d)~~ The backup portable trailer mounted vapor combustor shall be designed and operated to meet the following requirements, at all times when emissions may be vented to this control device:
- ~~(1)~~ no visible emissions except for periods not to exceed 5 minutes in a two hour period;
 - ~~(2)~~ flare pilot flame present as determined through the use of a thermocouple or any other equivalent device to detect the presence of a flame;
 - ~~(3)~~ gas being combusted shall have a heat content of 300 Btu/sec or greater, and
 - ~~(4)~~ an exit velocity less than 55 ft/sec.
- ~~(e)~~ (d) Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.
- ~~(f)~~ (e) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:
- (1) The Permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.
 - (2) The Permittee shall review the vapor tightness documentation to insure that each gasoline **tank** truck has successfully demonstrated vapor tightness according to the procedures in 40 CFR Part 60, Method 27. Each tank truck must be tested annually. During the test, the tank truck must:
 - (A) sustain a pressure change of no more than one (1) inch of water in five (5) minutes when pressurized to eighteen (18) inches of water;
 - (B) sustain a vacuum change of no more than one (1) inch of water in five (5) minutes when subjected to an initial vacuum of six (6) inches of water.
 - (C) The tank truck's internal vapor valve shall be tested in accordance with 326 IAC 8-4-9(b)(1)(B). The initial pressure of the tank truck shall be set to eighteen (18) inches of water for the test. The maximum allowable pressure increase in the vapor return line and manifold is five (5) inches of water during the five (5) minute test period.
 - (3) The Permittee shall record the tank identification number of each gasoline tank truck loaded at the facility.
 - (4) The Permittee shall cross-check each tank identification number obtained in paragraph D.1.2 ~~(f)~~ (e)(3) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
 - (5) The Permittee shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
 - (6) The Permittee shall take steps assuring that the non-vapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
 - (7) Alternate procedures to those described in paragraphs ~~(e)~~(1) through (5) of 40 CFR 60.502 for limiting gasoline tank truck loadings may be used upon application to, and approval by, the IDEM, OAQ and HDEM.
- ~~(g)~~ (f) The Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tank **trucks** equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

- (g) The Permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.
- (h) The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the tank truck from exceeding 4,500 pascals (450 mm of water) and a vacuum from exceeding one thousand five hundred (1,500) pascals (6 inches of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).
- (i) The Permittee shall repair and retest a vapor collection or control system that exceeds the limits in D.1.2 (h) within fifteen (15) days.
- (j) No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
- (k) A means shall be provided to prevent liquid drainage from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
- (l) The Permittee shall operate the vapor control system and gasoline loading rack in a manner that prevents avoidable visible liquid leaks during loading or unloading operations.
- (m) All loading and vapor lines are equipped with fittings which make vapor-tight connections and which will be closed upon disconnection.

3. The portable trailer-mounted vapor combustion unit is removed from Condition D.1.6 as follows:

D.1.6 Monitoring [40 CFR 64]

- (a) When operating the VRU to control VOC emissions, the Permittee shall perform a daily inspection of the VRU **on days when the terminal is operating**. The inspection shall be conducted while gasoline is being loaded and shall be of a duration encompassing at least one full **regeneration** cycle of the VRU. The parameters on the Permittee's Compliance Assurance Monitoring (CAM) plan shall be observed.

Corrective actions shall be implemented when the regeneration cycle of the VRU exceeds fifteen (15) minutes, carbon bed temperature exceeds one hundred twenty degrees (120°F), or carbon bed vacuum is not in the range between twenty-seven and twenty-eight (27" - 28") inches of mercury for any one (1) reading. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- ~~(b) When operating the vapor combustor (flare) to control VOC emissions, the Permittee shall install and maintain a monitor to detect the presence of a flame at the flare tip. The presence of a flame at the flare tip shall be monitored at all times when the vapors are being vented to the flare. The monitor shall be equipped with an automatic alarm which activates when the presence of a flame is not detected during periods when gasoline vapors are being vented to the flare. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.~~
- ~~(c)~~ (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

4. The Record Keeping Requirements in D.1.7 are updated as follows to reflect the removal of the portable trailer-mounted vapor combustion unit:

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

D.1.7 Record Keeping Requirements

- (a) To document compliance with Condition D.1.2(f) ~~(e)~~, the documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following:
- (1) Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27
 - (2) Tank owner and address
 - (3) Tank identification number
 - (4) Testing location
 - (5) Date of test
 - (6) Tester name and signature
 - (7) Witnessing inspector, if any: Name, signature, and affiliation
 - (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).
 - (9) Records of repairs including the date of the repair, the type of repair, and the date of the retest.
- (b) To document compliance with Condition D.1.5, records of each monthly leak inspection shall be maintained. At a minimum, the following information shall be recorded:
- (1) Date of inspection
 - (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
 - (3) Leak determination method
 - (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
 - (5) Inspector name and signature.
- (c) To document compliance with Condition D.1.6(a), the Permittee shall maintain records of the daily VRU inspections. The time between regeneration of the carbon beds shall be recorded. The carbon bed temperatures and vacuum readings shall be recorded as per the Permittee's CAM plan. The Permittee shall also maintain a record of all corrective actions, which are implemented when the aforementioned parameters are outside of the ranges listed in Condition D.1.6(a). **The Permittee shall include in its daily record when an inspection is not performed or parameter readings are not taken and the reason for the lack of inspection or parameter readings (e.g., the process did not operate that day).**
- ~~(d) When the vapor combustor is in operation, to document compliance with Condition D.1.6(b), the Permittee shall maintain records of the dates and times when the automated alarm was activated and all corrective actions implemented.~~
- ~~(e)~~ (d) When ~~neither the VRU or vapor combustor are~~ **is not** utilized during the loading of tank trucks, to document compliance with Condition D.1.2(b), the Permittee shall obtain a certification from the driver of each tank truck loaded. The certification shall include the following information: date, time, product being loaded, product loaded on the immediately previous shipment, name of the trucking firm or owner, phone number of the trucking firm or owner, printed name of the driver, and signature of the driver attesting to the accuracy of the information provided.
5. In Section D.2, in the facility description box, the construction dates for Tanks 8 and 9 have been updated and Tanks 10 and 11 have been added as follows: The numbering has been corrected to be consistent with the A section of the permit.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Storage Tanks

~~Seven (7)~~ **Nine (9)** petroleum liquid (gasoline, distillate, denatured ethanol, or other refinery fractions) storage tanks, identified as tanks No. 2, 3, 5, 6, 7, 8, ~~and 9~~, **10, and 11**. Tank specifications are as follows:

- (1) Storage Tank No. 2 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. **[326 IAC 8-9]**
- (2) Storage Tank No. 3 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 2,310,000 gallons. The tank was constructed in 1957. **[326 IAC 8-9]**
- (3) Storage Tank No. 5 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 6,300,000 gallons. The tank was constructed in 1967. **[326 IAC 8-9]**
- (4) Storage Tank No. 6 has an internal floating roof equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. **[326 IAC 8-9]**
- (5) Storage Tank No. 7 is an open floater tank equipped with a geodesic dome. The floating roof is equipped with a mechanical shoe seal and a rim mounted wiper secondary seal. The tank has a maximum capacity of 8,400,000 gallons. The tank was constructed in 1970. **[326 IAC 8-9]**
- (6) Storage Tank No. 8 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 210,000 gallons. The tank was constructed ~~in~~ **after June 11, 1973**. **[326 IAC 8-9] [NSPS Subpart K]**
- (7) Storage Tank No. 9 has an internal floating roof with a double wiper seal. The tank has a maximum capacity of 3,570,000 gallons. The tank was constructed ~~in~~ **after June 11, 1973**. **[326 IAC 8-9] [NSPS Subpart K]**
- (8) **Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,300 gallons. The tank was constructed in 1958. [326 IAC 8-9]**
- (9) **Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 42,550 gallons. The tank was reconstructed in 2006. [NSPS Subpart K]**

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

- 6.** Conditions D.2.1 and D.2.2 have been corrected to add Tanks 10 and 11 and update the rule cites for Tanks 8, 9, 10, and 11.

D.2.1 Storage Vessels [326 IAC 8-9-4(a)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-4~~(b)~~ **(a)**, **40 CFR 60 Subpart K**, or **40 CFR 60 Subpart Kb**, tanks 2, 3, 5, 6, 7, 8, ~~and 9~~, **10, and 11** shall not store a volatile organic liquid (VOL) with a vapor pressure greater than or equal to eleven and one-tenth (11.1) psia as stored.

D.2.2 Storage Vessels [326 IAC 8-9-4(c)] [326 IAC 8-4-3(b)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-4(c), **40 CFR 60 Subpart K**, or **40 CFR 60 Subpart Kb**, tanks 2, 3, 5, 6, 7, 8, ~~and 9~~, **10, and 11** shall be equipped with a fixed roof in combination with an internal floating roof meeting the following:

The remainder of this condition is unchanged.

7. Condition D.2.4 has been corrected as follows to add Tanks 10 and 11 and update the rule cites for Tanks 8, 9, 10, and 11.

D.2.4 Monitoring [326 IAC 8-9-5(b)] [40 CFR 60, Subpart K] [40 CFR 60, Subpart Kb]

Pursuant to 326 IAC 8-9-5(b), **40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb**, the owner or operator of tanks 2, 3, 5, 6, 7, 8, ~~and 9, 10, and 11~~ shall:

- (a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to the **initial** filling of the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the Permittee shall repair the items before filling the storage vessel.

8. The record keeping requirements in Condition D.2.5 has been corrected as follows to add Tanks 10 and 11 and update the rule cites for Tanks 8, 9, 10, and 11.

D.2.5 Record Keeping Requirements

- (a) In accordance with 326 IAC 8-9-6(b), **40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb**, the owner or operator of tanks 2, 3, 5, 6, 7, 8, ~~and 9, 10, and 11~~ shall maintain records of each vessel including the vessel identification number, dimensions, capacity, and a description of the emission control equipment. These records shall be maintained for the life of the vessel.
- (b) In accordance with 326 IAC 8-9-6(c), **40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb**, a record of each inspection performed as required under Condition D.2.4 shall be maintained and shall identify the following:
- (1) The vessel identification number
 - (2) The date of the inspection
 - (3) The observed condition of the seal, internal floating roof, and fittings.
- (c) Pursuant to 326 IAC 8-4-3(d), **40 CFR 60 Subpart K, or 40 CFR 60 Subpart Kb**, the Permittee shall maintain a record of the petroleum liquid or VOL stored in tanks 2, 3, 5, 6, 7, 8, ~~and 9, 10, and 11~~, the period of storage, the maximum true vapor pressure of that liquid as stored, and the results of the inspections performed on the storage vessels.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

9. In Section D.3, in the facility description box, Tanks 10 and 11 have been removed as follows:

SECTION D.3 FACILITY OPERATION CONDITIONS - INSIGNIFICANT ACTIVITIES

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

~~Six (6)~~ **Four (4)** storage tanks which emit less than one (1) ton per year of a single HAP and less than fifteen (15) pounds per day of VOC. Tank specifications are as follows:

- (a) Storage Tank No. 1 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (b) Storage Tank No. 4 is a fixed cone roof tank storing distillates with a maximum design capacity of 2,310,000 gallons. The tank was constructed in 1957. [326 IAC 8-9]
- (c) Storage Tank No. 12 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000

	gallons. The tank was constructed in 1994. [326 IAC 8-9]
(d)	Storage Tank No. 15 is a horizontal fixed roof tank storing additives with a maximum design capacity of 10,000 gallons. The tank was constructed in 1997. [326 IAC 8-9]
(e)	Storage Tank No. 10 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 38,700 gallons. The tank was constructed in 1958. [326 IAC 8-9]
(f)	Storage Tank No. 11 has an internal floating roof with a double wiper seal. The tank stores denatured ethanol and has a maximum design capacity of 38,700 gallons. The tank was constructed in 1958. [326 IAC 8-9]
(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)	

10. In Condition D.3.1, Tanks 10 and 11 have been removed as follows:

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

D.3.1 Record Keeping Requirements

- (a) In accordance with 326 IAC 8-9-6(b), the owner or operator of tanks 12 **and** 15, ~~10, and 11~~ shall maintain records of each vessel including the vessel identification number, dimensions, capacity, and a description of the emission control equipment. These records shall be maintained for the life of the vessel.

The remainder of Section D.3 is unchanged.

Conclusion and Recommendation

This significant permit modification was prepared to remove the portable trailer-mounted vapor combustion unit, correct the nominal capacities of Tanks 10 and 11, and to correct and update the rule cites, permit terms, and conditions for Tanks 8, 9, 10, and 11 that may have changed due to rule applicability. The staff recommends to the Commissioner that this Part 70 Significant Permit Modification 089-25723-00209 be approved.