



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
MC 61-53 IGCN 1003  
(317) 232-8603  
(800) 451-6027  
www.IN.gov/idem

TO: Interested Parties / Applicant  
DATE: September 28, 2007  
RE: Countrymark Cooperative, LLP / 057-25021-00008  
FROM: Nisha Sizemore  
Chief, Permits Branch  
Office of Air Quality

### **Notice of Decision: Approval - Effective Immediately**

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

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

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

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

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

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

Enclosures  
FNPER-MOD.dot 03/23/06



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Mitchell E. Daniels, Jr.  
Governor

Thomas W. Easterly  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
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Mr. David Hertzling  
Manager of Regulatory Compliance  
Countrymark Cooperative, LLP  
1200 Refinery Road  
Mount Vernon, IN 47620

September 28, 2007

Re: 057-25021-00008  
Minor Source Modification to  
Part 70 Renewal No.: T 057-16575-00008

Dear Mr. Hertzling:

Countrymark Cooperative, LLP was issued a Part 70 Operating Permit Renewal on September 3, 2003 for a bulk storage and wholesale petroleum products distribution source. A letter requesting changes to this permit was received on July 11, 2007. Pursuant to 326 IAC 2-7-10.5, the following emission units are approved for construction at the source:

- One (1) loading rack bay, approved for construction in 2007, to be added to the existing submerged gasoline and distillate two (2) bay loading rack, identified as Loading Rack Bay #1. The new loading rack bay has a maximum capacity of 23,800 gallons of gasoline and/or distillates per hour. The original two (2) bay unit, identified as Loading Rack Bay #2 & 3, was installed in May 1979 and is equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, and exhausted through Stack JVRU4 or JVRU5. The modified three (3) bay loading rack, identified as Loading Rack, will have a total maximum capacity of 70,000 gallons of gasoline and/or distillates per hour, will use the same vapor recovery unit, and is subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals. The loading rack is equipped to load gasoline and/or distillates from the three (3) bays concurrently.
- One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- One (1) storage tank; identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

The following construction conditions are applicable to the proposed project:

General Construction Conditions

1. The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13 17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. Effective Date of the Permit  
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.
4. Pursuant to 326 IAC 2-1.1-9 and 326 IAC 2-7-10.5(i), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.
5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.
6. Pursuant to 326 IAC 2-7-10.5(l) the emission units constructed under this approval shall not be placed into operation prior to revision of the source's Part 70 Operating Permit to incorporate the required operation conditions.

The source may begin construction when the source modification has been issued. Operating conditions shall be incorporated into the Part 70 operating permit as a significant permit modification in accordance with 326 IAC 2-7-10.5(l)(2) and 326 IAC 2-7-12. Operation is not approved until the significant permit modification has been issued.

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 Laura Spriggs, OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Laura Spriggs or extension (3-2637), or dial (317) 233-2637.

Sincerely/Original Signed By:

Nisha Sizemore, Chief  
Permits Branch  
Office of Air Quality

Attachments:  
Updated Permit  
Technical Support Document  
PTE Calculations

Iss

cc: File – Hamilton County

Hamilton County Health Department  
U.S. EPA, Region V  
Air Compliance Inspector – Larry Howard  
Compliance Data Section  
Permit Reviewer - Laura Spriggs  
Permits Administration and Development

Mr. Joe Sudholt  
Countrymark Cooperative, LLP  
1200 Refinery Road  
Mount Vernon, IN 47620

Ms. P. Sorensen  
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## Part 70 Minor Source Modification OFFICE OF AIR QUALITY

**Countrymark Cooperative, LLP  
17710 Mule Barn Road  
Westfield, Indiana 46074**

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-2 and 326 IAC 2-7-10.5, applicable to those conditions

Minor Source Modification No.: 057-25021-00008	
Issued by/Original Signed By:  Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: September 28, 2007

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## SECTION A SOURCE SUMMARY

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

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

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The Permittee owns and operates a stationary bulk storage and wholesale petroleum products distribution source known as the Jolietville Terminal.

Source Address:	17710 Mule Barn Road, Westfield, Indiana 46074
Mailing Address:	17710 Mule Barn Road, Westfield, Indiana 46074
General Source Phone Number:	812-838-8543
SIC Code:	5171
County Location:	Hamilton
Source Location Status:	Nonattainment for 8-hour ozone standard Nonattainment for PM 2.5 standard Attainment for all other criteria pollutants
Source Status:	Part 70 Operating Permit Program 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)]

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This stationary bulk storage and wholesale petroleum products distribution source consists of the following emission units and pollution control devices:

- (a) Loading Rack
  - One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:
    - (1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.
    - (2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.
  - (b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.
  - (c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.

- (d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.
- (e) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (f) One (1) storage tank; identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.
- (i) One (1) variable vapor space storage tank, identified as Tank 77, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (j) One (1) storage tank, identified as Tank 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (k) Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each.
- (l) One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.
- (m) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.
- (n) One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.
- (o) One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.
- (p) Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.
- (q) One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

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

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This stationary bulk storage and wholesale petroleum products distribution source also includes

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

- (a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight, consisting of:

One (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour (326 IAC 6-2-3).

- (b) Miscellaneous welding and cutting. (326 IAC 6-3-2)

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

This stationary bulk storage and wholesale petroleum products distribution source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

## SECTION B GENERAL CONDITIONS

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

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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 13-15-3-6(a)]

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- (a) This permit, 057-16575-00008, 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, 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]

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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]

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

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

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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)]

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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)]

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ 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 the "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 at 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 no later than July 1 of each year 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

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.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]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or 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]

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
  - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone 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

- (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

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

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- (a) All terms and conditions of permits established prior to 057-16575-00008 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 combined new source review and part 70 operating permit.

**B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]**

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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)]**

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

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

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

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

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- (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 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.

- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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 shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

- (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 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 takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

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)]

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- (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]**

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- (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

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(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 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]**

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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, 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

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

- (b) 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 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
  - (A) Asbestos removal or demolition start date;
  - (B) Removal or demolition contractor; or
  - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "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.7 Performance Testing [326 IAC 3-6]**

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- (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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

#### **Compliance Requirements [326 IAC 2-1.1-11]**

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

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

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

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

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

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

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

**C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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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.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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- (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 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.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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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 September 11, 1998.
- (b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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

**C.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

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- (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; and/or
  - (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.15 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 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.16 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) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. 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 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

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

- (b) 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, on or before the date it is due.

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]

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- (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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.
- (c) If there is 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)) 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 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)(3); and

- (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) 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
- (3) 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]

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- (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
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, 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(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
  - (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 (c)(2) and (3) 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) and/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

- (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. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

### **Stratospheric Ozone Protection**

#### **C.19 Compliance with 40 CFR 82 and 326 IAC 22-1**

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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 EMISSIONS UNIT OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]: Loading Rack and Tanks

- (a) Loading Rack  
One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:
- (1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.
  - (2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.
- (b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.
- (c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.
- (d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.
- (e) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (f) One (1) storage tank, identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.
- (i) One (1) variable vapor space storage tank, identified as Tank 77, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (j) One (1) storage tank, identified as Tank 78, installed in 1953, capacity: 2,235,400 gallons of

	gasoline or distillates.
(k)	Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each.
(l)	One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.
(m)	One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.
(n)	One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.
(o)	One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.
(p)	Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.
(q)	One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.
(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)	

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

**D.1.1 VOC Limits [326 IAC 2-2] [326 IAC 2-3] [326 IAC 2-7-10.5]**

(a) Loading Rack

(1) Loading Rack Bay #2 & 3

- (A) The throughput of gasoline to Loading Rack Bay #2 & 3 shall be less than 319,728,051 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (B) The VOC emissions, when loading gasoline from Loading Rack Bay #2 & 3, shall not exceed 5 pounds per kilogallon.
- (C) The VOC emissions, when loading distillates from Loading Rack Bay #2 & 3, shall not exceed 0.016 pounds per kilogallon.

Compliance with the above limits, combined with D.1.3, shall limit the potential to emit VOC from Loading Rack Bay #2 & 3 to less than forty (40) tons per twelve (12) consecutive month period and render 326 IAC 2-2 not applicable.

(2) Loading Rack Bay #1

Pursuant to 326 IAC 2-7-10.5(d)(3)(C):

- (A) The throughput of gasoline to Loading Rack Bay #1 shall be less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (B) The VOC emissions, when loading gasoline from Loading Rack Bay #1, shall not exceed 5 pounds per kilogallon.

- (C) The VOC emissions, when loading distillates from Loading Rack Bay #1, shall not exceed 0.016 pounds per kilogallon.

Compliance with the above limits, combined with D.1.3, shall limit the potential to emit VOC from Loading Rack Bay #1 to less than twenty-five (25) tons per twelve (12) consecutive month period and render 326 IAC 2-7-10.5(f) and 326 IAC 2-3 not applicable.

- (b) Tank 83

The throughput of additives to Tank 83 shall be less than 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limit shall limit the VOC from Tank 83 to less than forty (40) tons per twelve (12) consecutive month period and render 326 IAC 2-2 not applicable.

D.1.2 Hazardous Air Pollutants (HAPs) [40 CFR Part 63.1500 (Subpart R)]

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

Tank 77

The input of gasoline to Tank 77 shall be less than 75,753,824 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limit, combined with the Minimum Overall Control Efficiency specified in D.1.3; the limited potential to emit of Loading Rack Bay #2 & 3, Loading Rack Bay #1, and Tank 83; and the potential to emit from other emission units at the source limits the individual HAP emissions from the entire source to less than ten (10) tons per year. This shall also limit the combined HAP emissions from the entire source to less than twenty-five (25) tons per year. Therefore, the requirements of NESHAP, 40 CFR Part 63, Subpart R are rendered not applicable to this source.

D.1.3 Minimum Overall Control Efficiency [326 IAC 8-6]

The minimum overall (capture and destruction) control efficiency of the vapor recovery unit shall be at least ninety-five percent (95%) of the VOC emissions from Loading Rack Bay #2 & 3, Loading Rack Bay #1, and Tank 76.

D.1.4 Compliance Assurance Monitoring (CAM) Plan [40 CFR 64]

A Compliance Assurance Monitoring (CAM) Plan, in accordance with 40 CFR 64, is required for the two (2) bay truck loading rack because the potential to emit VOC before controls is greater than one hundred (100) tons per year and the source is subject to the limitations contained in Conditions D.1.1(a) and D.1.3. The CAM plan for emissions from the two (2) bay truck loading rack was submitted on May 5, 2003 for the use of a vapor recovery unit (VRU) for VOC control with this emission unit in order to comply with Conditions D.1.1(a) and D.1.3. The CAM requirements in this Section represent the information provided in the CAM plan submitted.

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the loading rack, Tanks 76, 77 and 83 and any control devices.

## Compliance Determination Requirements

### D.1.6 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred eighty (180) days of start up of Loading Rack Bay #1, in order to demonstrate compliance with Condition D.1.3, the Permittee shall conduct a performance test to verify the minimum VOC control efficiency utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

### D.1.7 VOCs and HAPs [326 IAC 8-6] [40 CFR Part 63.1500 (Subpart R)]

The Permittee shall operate the vapor recovery unit serving the loading rack and Tank 76 at all times when gasoline is loaded through the loading rack and/or gasoline is being loaded to or unloaded from Tank 76 and to achieve compliance with Condition D.1.3. The vapor recovery unit, combined with the limits established for Loading Rack Bay #2 & 3, Loading Rack Bay #1, Tank 77, and Tank 83, satisfies the requirements of 326 IAC 8-6 and renders NESHAP, 40 CFR Part 63, Subpart R, not applicable.

### D.1.8 VOC and HAPs [326 IAC 8-1-4(a)(3)] [326 IAC 8-1-2(a)]

Compliance with the VOC and HAP usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC and HAP data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4

### D.1.9 Monitoring

- (a) Measure the monthly flow rate of gasoline, petroleum distillate and additives to the loading rack and storage tanks.
- (b) Calibrate the flow meters on the loading rack at least once per quarter. The instrument used for determining the flow rate shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

## Compliance Assurance Monitoring Requirements

### D.1.10 Monitoring Determination Method [40 CFR 64]

- (a) The Permittee shall monitor the VRU control device parameters as follows:
  - (1) The VRU shall use an alarm system that indicates if:
    - (A) any of the process fluids (gasoline and glycol) are not at the proper levels,
    - (B) there is not sufficient vacuum on the system, or
    - (C) there is any interruption in the automatic cycle.
  - (2) In the event the VRU is not operating normally, the VRU shall shutdown and vapors produced at the loading rack shall be captured in Tank 76. The vertical travel of the Tank 76 variable vapor space roof shall be observed. If the vapor space is maintained below the full level, loading operation vapors shall be captured. No excess emissions shall occur at the VRU at any time.
- (b) The Permittee shall perform the daily inspections and maintenance on the VRU on days

when the loading rack is in operation. These inspections shall include, but are not limited to checking the following:

- (1) Carbon beds for cycling from atmospheric pressure to vacuum;
  - (2) Sight glass levels for the absorber and separator;
  - (3) Normal flow on the rotometer feeding the vacuum pump;
  - (4) Unit for leaks; and
  - (5) Panel warning lights.
- (c) The Permittee shall perform inspections on the vapor lines from the loading rack and Tank 76 during the terminal inspection using sight, smell, and hearing to detect any leakage once per shift.

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

#### **D.1.11 Record Keeping Requirements**

- 
- (a) To document compliance with Condition D.1.2 the Permittee shall maintain records at the source of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period. The records shall contain a minimum of the following:
- (1) The amount and type of fuel delivered to Tank 77, monthly
  - (2) The amount and type of fuel throughput to Tank 77, monthly
  - (3) The HAP/VOC ratio of each fuel received;
  - (4) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and
- (b) To document compliance with Condition D.1.1, the Permittee shall record:
- (1) Loading Rack
    - (A) The amount and type of fuel delivered to Loading Rack Bay #2 & 3, monthly
    - (B) The amount and type of fuel delivered to Loading Rack Bay #1, monthly
  - (2) The amount and type of additives throughput to Tank 83, monthly and
  - (3) The weight of VOCs emitted for each compliance period, considering capture and control efficiency, if applicable.
- (c) To document compliance with Condition D.1.9, the Permittee shall maintain a log of the:
- (1) Monthly flow rate of gasoline and petroleum distillate to Loading Rack Bay #2 & 3, Loading Rack Bay #1, and storage tanks, and

- (2) Calibrations of the flow meters on the loading rack and Tanks 77 and 83 at least once per quarter.
- (d) Transfer documents shall be kept for all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year unless the gasoline is being dispensed into motor vehicles or purchased by a consumer at a retail or wholesale outlet. All compliant fuel shall be segregated from noncompliant fuel and labeled. Records shall be maintained for a minimum of two (2) years. These records shall accompany every shipment of gasoline after it has been dispensed by the refinery, and shall contain at minimum, the following:
  - (1) The date of all transfers.
  - (2) The volume of the gasoline that was transferred.
  - (3) The volume and percentage of ethanol if ethanol blended, with a date and location of blending.
  - (4) The location and time of transfer.
  - (5) A statement certifying that the gasoline has an RVP of seven and eight-tenths (7.8) pounds per square inch or less per gallon or is ethanol blended or is certified as RFG.
- (e) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart K (40 CFR Part 60.110) for Storage Tank 82, only.
- (f) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart Kb (40 CFR Part 60.110b) for Storage Tanks 72 and 73 only.
- (g) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart XX (40 CFR Part 60.500) for Loading Rack only.

#### D.1.12 Record Keeping Requirements [40 CFR 64]

To document compliance with Condition D.1.11, the Permittee shall maintain the following record keeping onsite pursuant to 40 CFR 64:

- (a) A log of instances when the alarm system for the VRU sounds and the corrective actions that are taken.
- (b) A log of instances when the VRU is shutdown because it is not operating normally and what corrective actions are taken as a result of that shutdown.
- (c) Records of daily inspections performed on the VRU on days when the loading rack is in operation.
- (d) Records of once per shift inspections on the vapor lines.

#### D.1.13 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.1 and D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION D.2

## FACILITY OPERATION CONDITIONS

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

- (a) Fuel oil-fired combustion sources with heat input equal to or less than two million (2,000,000) British thermal units per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight, consisting of:

One (1) maintenance shop boiler, installed in 1953, rated at 0.588 million British thermal units per hour (326 IAC 6-2-3).

- (b) Miscellaneous welding and cutting (326 IAC 6-3-2).

(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 Particulate [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3(d) (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1(b)), PM emissions from all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972, shall in no case exceed 0.8 pounds per million British thermal units heat input.

#### D.2.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the miscellaneous welding and cutting shall not exceed the pounds per hour limitation when operating at a specified process weight rate calculated by:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

or

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

## SECTION E.1

## NSPS

### Facility Description [326 IAC 2-7-5(15)]: Loading Rack

- (a) Loading Rack  
One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:
- (1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.
  - (2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.

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

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

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for the loading rack except as otherwise specified in 40 CFR Part 60, Subpart XX.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

#### E.1.2 Standards of Performance for Bulk Gasoline Terminals Requirements [40 CFR Part 60, Subpart XX]

Pursuant to 40 CFR Part 60, Subpart XX, the Permittee shall comply with the provisions of Standards of Performance for Bulk Gasoline Terminals as follows:

##### New Source Performance Standards for Bulk Gasoline Terminals

Source: 48 FR 37590, Aug. 18, 1983, unless otherwise noted.

##### § 60.500 Applicability and designation of affected facility.

(a) The affected facility to which the provisions of this subpart apply is the total of all the loading racks at a bulk gasoline terminal which deliver liquid product into gasoline tank trucks.

(b) Each facility under paragraph (a) of this section, the construction or modification of which is commenced after December 17, 1980, is subject to the provisions of this subpart.

Note: The intent of these standards is to minimize the emissions of VOC through the application of best demonstrated technologies (BDT). The numerical emission limits in this standard are expressed in terms of total organic compounds. This emission limit reflects the performance of BDT.

#### § 60.501 Definitions.

The terms used in this subpart are defined in the Clean Air Act, in §60.2 of this part, or in this section as follows:

Bulk gasoline terminal means any gasoline facility which receives gasoline by pipeline, ship or barge, and has a gasoline throughput greater than 75,700 liters per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal, State or local law and discoverable by the Administrator and any other person.

Continuous vapor processing system means a vapor processing system that treats total organic compounds vapors collected from gasoline tank trucks on a demand basis without intermediate accumulation in a vapor holder.

Existing vapor processing system means a vapor processing system [capable of achieving emissions to the atmosphere no greater than 80 milligrams of total organic compounds per liter of gasoline loaded], the construction or refurbishment of which was commenced before December 17, 1980, and which was not constructed or refurbished after that date.

Flare means a thermal oxidation system using an open (without enclosure) flame.

Gasoline means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals or greater which is used as a fuel for internal combustion engines.

Gasoline tank truck means a delivery tank truck used at bulk gasoline terminals which is loading gasoline or which has loaded gasoline on the immediately previous load.

Intermittent vapor processing system means a vapor processing system that employs an intermediate vapor holder to accumulate total organic compounds vapors collected from gasoline tank trucks, and treats the accumulated vapors only during automatically controlled cycles.

Loading rack means the loading arms, pumps, meters, shutoff valves, relief valves, and other piping and valves necessary to fill delivery tank trucks.

Refurbishment means, with reference to a vapor processing system, replacement of components of, or addition of components to, the system within any 2-year period such that the fixed capital cost of the new components required for such component replacement or addition exceeds 50 percent of the cost of a comparable entirely new system.

Thermal oxidation system means a combustion device used to mix and ignite fuel, air pollutants, and air to provide a flame to heat and oxidize hazardous air pollutants. Auxiliary fuel may be used to heat air pollutants to combustion temperatures.

Total organic compounds means those compounds measured according to the procedures in §60.503.

Vapor collection system means any equipment used for containing total organic compounds vapors displaced during the loading of gasoline tank trucks.

Vapor processing system means all equipment used for recovering or oxidizing total organic compounds vapors displaced from the affected facility.

Vapor-tight gasoline tank truck means a gasoline tank truck which has demonstrated within the 12 preceding months that its product delivery tank will sustain a pressure change of not more than 750 pascals (75 mm of water) within 5 minutes after it is pressurized to 4,500 pascals (450 mm of water). This capability is to be demonstrated using the pressure test procedure specified in Method 27.

[48 FR 37590, Aug. 18, 1983, as amended at 65 FR 61763, Oct. 17, 2000; 68 FR 70965, Dec. 19, 2003]

§ 60.502 Standard for Volatile Organic Compound (VOC) emissions from bulk gasoline terminals.

On and after the date on which §60.8(a) requires a performance test to be completed, the owner or operator of each bulk gasoline terminal containing an affected facility shall comply with the requirements of this section.

(a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.

(b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of this section.

(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 owner or operator shall obtain the vapor tightness documentation described in §60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.

(2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.

(3)(i) The owner or operator shall cross-check each tank identification number obtained in paragraph (e)(2) of this section with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:

(A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or

(B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.

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

(4) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (e)(3) of this section.

(5) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

(6) Alternate procedures to those described in paragraphs (e)(1) through (5) of this section for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.

(f) The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

(g) The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples 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 delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in §60.503(d).

(i) 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).

(j) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

[48 FR 37590, Aug. 18, 1983; 48 FR 56580, Dec. 22, 1983, as amended at 54 FR 6678, Feb. 14, 1989; 64 FR 7466, Feb. 12, 1999]

#### § 60.503 Test methods and procedures.

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

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

(c) The owner or operator shall determine compliance with the standards in §60.502 (b) and (c) as follows:

(1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or

the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.

(2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.

(3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K \sum_{i=1}^n (V_{esi} C_{ei}) / (L 10^6)$$

where:

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

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

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

L=total volume of gasoline loaded, liters.

n=number of testing intervals.

i=emission testing interval of 5 minutes.

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

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

(5) The following methods shall be used to determine the volume ( $V_{esi}$ ) air-vapor mixture exhausted at each interval:

(i) Method 2B shall be used for combustion vapor processing systems.

(ii) Method 2A shall be used for all other vapor processing systems.

(6) Method 25A or 25B shall be used for determining the total organic compounds concentration ( $C_{ei}$ ) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.

(7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

(d) The owner or operator shall determine compliance with the standard in §60.502(h) as follows:

(1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with  $\pm 2.5$  mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

(2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

(e) The performance test requirements of paragraph (c) of this section do not apply to flares defined in §60.501 and meeting the requirements in §60.18(b) through (f). The owner or operator shall demonstrate that the flare and associated vapor collection system is in compliance with the requirements in §§60.18(b) through (f) and 60.503(a), (b), and (d).

(f) The owner or operator shall use alternative test methods and procedures in accordance with the alternative test method provisions in §60.8(b) for flares that do not meet the requirements in §60.18(b).

[54 FR 6678, Feb. 14, 1989; 54 FR 21344, Feb. 14, 1989, as amended at 68 FR 70965, Dec. 19, 2003]

#### § 60.505 Reporting and recordkeeping.

(a) The tank truck vapor tightness documentation required under §60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection.

(b) The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

(1) Test title: Gasoline Delivery Tank Pressure Test—EPA Reference Method 27.

(2) Tank owner and address.

(3) Tank identification number.

(4) Testing location.

(5) Date of test.

(6) Tester name and signature.

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

(8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

(c) A record of each monthly leak inspection required under §60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:

(1) Date of inspection.

(2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).

(3) Leak determination method.

(4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).

(5) Inspector name and signature.

(d) The terminal owner or operator shall keep documentation of all notifications required under §60.502(e)(4) on file at the terminal for at least 2 years.

(e) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraphs (a), (c), and (d) of this section, an owner or operator may comply with the requirements in either paragraph (e)(1) or (2) of this section.

(1) An electronic copy of each record is instantly available at the terminal.

(i) The copy of each record in paragraph (e)(1) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with paragraph (e)(1) of this section.

(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading ( e.g., via a card lock-out system), a copy of the documentation is made available ( e.g., via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame.

(i) The copy of each record in paragraph (e)(2) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with paragraph (e)(2) of this section.

(f) The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.

[48 FR 37590, Aug. 18, 1983; 48 FR 56580, Dec. 22, 1983, as amended at 68 FR 70965, Dec. 19, 2003]

## SECTION E.2

## NSPS

### Facility Description [326 IAC 2-7-5(15)]: Tanks 72 and 73

- (a) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (b) One (1) storage tank; identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

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

### E.2.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for Tank 72 and Tank 73 except as otherwise specified in 40 CFR Part 60, Subpart Kb.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

### E.2.2 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 Requirements [40 CFR Part 60, Subpart Kb]

Pursuant to 40 CFR Part 60, Subpart Kb, the Permittee shall comply with the provisions of 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 as follows:

New Source Performance Standards for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984

Source: 52 FR 11429, Apr. 8, 1987, unless otherwise noted.

§ 60.110b Applicability and designation of affected facility.

(a) Except as provided in paragraph (b) of this section, the affected facility to which this subpart applies is each storage vessel with a capacity greater than or equal to 75 cubic meters ( $m^3$ ) that is used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after July 23, 1984.

(e) Alternative means of compliance —(1) Option to comply with part 65. Owners or operators may choose to comply with 40 CFR part 65, subpart C, to satisfy the requirements of §§60.112b through 60.117b for storage vessels that are subject to this subpart that meet the specifications in paragraphs (e)(1)(i) and (ii) of this section. When choosing to comply with 40 CFR part 65, subpart C, the monitoring requirements of §60.116b(c), (e), (f)(1), and (g) still apply. Other provisions applying to owners or operators who choose to comply with 40 CFR part 65 are provided in 40 CFR 65.1.

(i) A storage vessel with a design capacity greater than or equal to 151  $m^3$  containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa; or

(ii) A storage vessel with a design capacity greater than 75  $m^3$  but less than 151  $m^3$  containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa.

(2) Part 60, subpart A. Owners or operators who choose to comply with 40 CFR part 65, subpart C, must also comply with §§60.1, 60.2, 60.5, 60.6, 60.7(a)(1) and (4), 60.14, 60.15, and 60.16 for those storage vessels. All sections and paragraphs of subpart A of this part that are not mentioned in this paragraph (e)(2) do not apply to owners or operators of storage vessels complying with 40 CFR part 65, subpart C, except that provisions required to be met prior to implementing 40 CFR part 65 still apply. Owners and operators who choose to comply with 40 CFR part 65, subpart C, must comply with 40 CFR part 65, subpart A.

(3) Internal floating roof report. If an owner or operator installs an internal floating roof and, at initial startup, chooses to comply with 40 CFR part 65, subpart C, a report shall be furnished to the Administrator stating that the control equipment meets the specifications of 40 CFR 65.43. This report shall be an attachment to the notification required by 40 CFR 65.5(b).

(4) External floating roof report. If an owner or operator installs an external floating roof and, at initial startup, chooses to comply with 40 CFR part 65, subpart C, a report shall be furnished to the Administrator stating that the control equipment meets the specifications of 40 CFR 65.44. This report shall be an attachment to the notification required by 40 CFR 65.5(b).

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989; 65 FR 78275, Dec. 14, 2000; 68 FR 59332, Oct. 15, 2003]

#### § 60.111b Definitions.

Terms used in this subpart are defined in the Act, in subpart A of this part, or in this subpart as follows:

Bulk gasoline plant means any gasoline distribution facility that has a gasoline throughput less than or equal to 75,700 liters per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal requirement or Federal, State or local law, and discoverable by the Administrator and any other person.

Condensate means hydrocarbon liquid separated from natural gas that condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.

Custody transfer means the transfer of produced petroleum and/or condensate, after processing and/or treatment in the producing operations, from storage vessels or automatic transfer facilities to pipelines or any other forms of transportation.

Fill means the introduction of VOL into a storage vessel but not necessarily to complete capacity.

Gasoline service station means any site where gasoline is dispensed to motor vehicle fuel tanks from stationary storage tanks.

Maximum true vapor pressure means the equilibrium partial pressure exerted by the volatile organic compounds (as defined in 40 CFR 51.100) in the stored VOL at the temperature equal to the highest calendar-month average of the VOL storage temperature for VOL's stored above or below the ambient temperature or at the local maximum monthly average temperature as reported by the National Weather Service for VOL's stored at the ambient temperature, as determined:

- (1) In accordance with methods described in American Petroleum institute Bulletin 2517, Evaporation Loss From External Floating Roof Tanks, (incorporated by reference—see §60.17); or
- (2) As obtained from standard reference texts; or
- (3) As determined by ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17);
- (4) Any other method approved by the Administrator.

Petroleum means the crude oil removed from the earth and the oils derived from tar sands, shale, and coal.

Petroleum liquids means petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery.

Process tank means a tank that is used within a process (including a solvent or raw material recovery process) to collect material discharged from a feedstock storage vessel or equipment within the process before the material is transferred to other equipment within the process, to a product or by-product storage vessel, or to a vessel used to store recovered solvent or raw material. In many process tanks, unit operations such as reactions and blending are conducted. Other process tanks, such as surge control vessels and bottoms receivers, however, may not involve unit operations.

Reid vapor pressure means the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids except liquified petroleum gases, as determined by ASTM D323–82 or 94 (incorporated by reference—see §60.17).

Storage vessel means each tank, reservoir, or container used for the storage of volatile organic liquids but does not include:

- (1) Frames, housing, auxiliary supports, or other components that are not directly involved in the containment of liquids or vapors;
- (2) Subsurface caverns or porous rock reservoirs; or
- (3) Process tanks.

Volatile organic liquid (VOL) means any organic liquid which can emit volatile organic compounds (as defined in 40 CFR 51.100) into the atmosphere.

Waste means any liquid resulting from industrial, commercial, mining or agricultural operations, or from community activities that is discarded or is being accumulated, stored, or physically, chemically, or biologically treated prior to being discarded or recycled.

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989; 65 FR 61756, Oct. 17, 2000; 68 FR 59333, Oct. 15, 2003]

§ 60.112b Standard for volatile organic compounds (VOC).

(a) The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, shall equip each storage vessel with one of the following:

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

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

(ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

(A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

(C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

(iv) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

(v) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

(vi) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

(vii) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

(viii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.

(ix) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

[52 FR 11429, Apr. 8, 1987, as amended at 62 FR 52641, Oct. 8, 1997]

#### § 60.113b Testing and procedures.

The owner or operator of each storage vessel as specified in §60.112b(a) shall meet the requirements of paragraph (a), (b), or (c) of this section. The applicable paragraph for a particular storage vessel depends on the control equipment installed to meet the requirements of §60.112b.

(a) After installing the control equipment required to meet §60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:

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

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

(3) For vessels equipped with a double-seal system as specified in §60.112b(a)(1)(ii)(B):

(i) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or

(ii) Visually inspect the vessel as specified in paragraph (a)(2) of this section.

(4) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage

vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.

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

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989]

§ 60.114b Alternative means of emission limitation.

(a) If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in emissions at least equivalent to the reduction in emissions achieved by any requirement in §60.112b, the Administrator will publish in the Federal Register a notice permitting the use of the alternative means for purposes of compliance with that requirement.

(b) Any notice under paragraph (a) of this section will be published only after notice and an opportunity for a hearing.

(c) Any person seeking permission under this section shall submit to the Administrator a written application including:

(1) An actual emissions test that uses a full-sized or scale-model storage vessel that accurately collects and measures all VOC emissions from a given control device and that accurately simulates wind and accounts for other emission variables such as temperature and barometric pressure.

(2) An engineering evaluation that the Administrator determines is an accurate method of determining equivalence.

(d) The Administrator may condition the permission on requirements that may be necessary to ensure operation and maintenance to achieve the same emissions reduction as specified in §60.112b.

§ 60.115b Reporting and recordkeeping requirements.

The owner or operator of each storage vessel as specified in §60.112b(a) shall keep records and furnish reports as required by paragraphs (a), (b), or (c) of this section depending upon the control equipment installed to meet the requirements of §60.112b. The owner or operator shall keep copies of all reports and records required by this section, except for the record required by (c)(1), for at least 2 years. The record required by (c)(1) will be kept for the life of the control equipment.

(a) After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall meet the following requirements.

(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).

(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.

#### § 60.116b Monitoring of operations.

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

(b) The owner or operator of each storage vessel as specified in §60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

(c) Except as provided in paragraphs (f) and (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

(d) Except as provided in paragraph (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.

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

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

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

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

(3) For other liquids, the vapor pressure:

(i) May be obtained from standard reference texts, or

(ii) Determined by ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17); or

(iii) Measured by an appropriate method approved by the Administrator; or

(iv) Calculated by an appropriate method approved by the Administrator.

(f) The owner or operator of each vessel storing a waste mixture of indeterminate or variable composition shall be subject to the following requirements.

(1) Prior to the initial filling of the vessel, the highest maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in paragraph (e) of this section.

(2) For vessels in which the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in §60.112b(a), an initial physical test of the vapor pressure is required; and a physical test at least once every 6 months thereafter is required as determined by the following methods:

(i) ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17); or

(ii) ASTM D323–82 or 94 (incorporated by reference—see §60.17); or

(iii) As measured by an appropriate method as approved by the Administrator.

(g) The owner or operator of each vessel equipped with a closed vent system and control device meeting the specification of §60.112b or with emissions reductions equipment as specified in 40 CFR 65.42(b)(4), (b)(5), (b)(6), or (c) is exempt from the requirements of paragraphs (c) and (d) of this section.

[52 FR 11429, Apr. 8, 1987, as amended at 65 FR 61756, Oct. 17, 2000; 65 FR 78276, Dec. 14, 2000; 68 FR 59333, Oct. 15, 2003]

§ 60.117b Delegation of authority.

(a) In delegating implementation and enforcement authority to a State under section 111(c) of the Act, the authorities contained in paragraph (b) of this section shall be retained by the Administrator and not transferred to a State.

(b) Authorities which will not be delegated to States: §§60.111b(f)(4), 60.114b, 60.116b(e)(3)(iii), 60.116b(e)(3)(iv), and 60.116b(f)(2)(iii).  
[52 FR 11429, Apr. 8, 1987, as amended at 52 FR 22780, June 16, 1987]

### SECTION E.3

### NSPS

#### Facility Description [326 IAC 2-7-5(15)]: Tank 82

- (a) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.

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

#### E.3.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1, apply to Tank 82, except when otherwise specified in 40 CFR Part 60 Subpart K.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

#### E.3.2 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 [40 CFR Part 60, Subpart K]

Pursuant to 40 CFR Part 60, Subpart K, the Permittee shall comply with the provisions of 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 as follows:

New Source Performance Standards for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978

§ 60.110 Applicability and designation of affected facility.

(a) Except as provided in §60.110(b), the affected facility to which this subpart applies is each storage vessel for petroleum liquids which has a storage capacity greater than 151,412 liters (40,000 gallons).

(b) This subpart does not apply to storage vessels for petroleum or condensate stored, processed, and/or treated at a drilling and production facility prior to custody transfer.

(c) Subject to the requirements of this subpart is any facility under paragraph (a) of this section which:

(1) Has a capacity greater than 151,416 liters (40,000 gallons), but not exceeding 246,052 liters (65,000 gallons), and commences construction or modification after March 8, 1974, and prior to May 19, 1978.

(2) Has a capacity greater than 246,052 liters (65,000 gallons) and commences construction or modification after June 11, 1973, and prior to May 19, 1978.

[42 FR 37937, July 25, 1977, as amended at 45 FR 23379, Apr. 4, 1980]

§ 60.111 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) Storage vessel means any tank, reservoir, or container used for the storage of petroleum liquids, but does not include:

(1) Pressure vessels which are designed to operate in excess of 15 pounds per square inch gauge without emissions to the atmosphere except under emergency conditions,

(2) Subsurface caverns or porous rock reservoirs, or

(3) Underground tanks if the total volume of petroleum liquids added to and taken from a tank annually does not exceed twice the volume of the tank.

(b) Petroleum liquids means petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery but does not mean Nos. 2 through 6 fuel oils as specified in ASTM D396-78, 89, 90, 92, 96, or 98, gas turbine fuel oils Nos. 2-GT through 4-GT as specified in ASTM D2880-78 or 96, or diesel fuel oils Nos. 2-D and 4-D as specified in ASTM D975-78, 96, or 98a. (These three methods are incorporated by reference—see §60.17.)

(c) Petroleum refinery means each facility engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, or other products through distillation of petroleum or through redistillation, cracking, extracting, or reforming of unfinished petroleum derivatives.

(d) Petroleum means the crude oil removed from the earth and the oils derived from tar sands, shale, and coal.

(e) Hydrocarbon means any organic compound consisting predominantly of carbon and hydrogen.

(f) Condensate means hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature and/or pressure and remains liquid at standard conditions.

(g) Custody transfer means the transfer of produced petroleum and/or condensate, after processing and/or treating in the producing operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.

(h) Drilling and production facility means all drilling and servicing equipment, wells, flow lines, separators, equipment, gathering lines, and auxiliary nontransportation-related equipment used in the production of petroleum but does not include natural gasoline plants.

(i) True vapor pressure means the equilibrium partial pressure exerted by a petroleum liquid as determined in accordance with methods described in American Petroleum Institute Bulletin 2517, Evaporation Loss from External Floating-Roof Tanks, Second Edition, February 1980 (incorporated by reference—see §60.17).

(j) Floating roof means a storage vessel cover consisting of a double deck, pontoon single deck, internal floating cover or covered floating roof, which rests upon and is supported by the petroleum liquid being contained, and is equipped with a closure seal or seals to close the space between the roof edge and tank wall.

(k) Vapor recovery system means a vapor gathering system capable of collecting all hydrocarbon vapors and gases discharged from the storage vessel and a vapor disposal system capable of processing such hydrocarbon vapors and gases so as to prevent their emission to the atmosphere.

(l) Reid vapor pressure is the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids, except liquified petroleum gases, as determined by ASTM D323–82 or 94 (incorporated by reference—see §60.17).

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 39 FR 20794, June 14, 1974; 45 FR 23379, Apr. 4, 1980; 48 FR 3737, Jan. 27, 1983; 52 FR 11429, Apr. 8, 1987; 65 FR 61755, Oct. 17, 2000]

§ 60.112 Standard for volatile organic compounds (VOC).

(a) The owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follows:

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

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 45 FR 23379, Apr. 4, 1980]

§ 60.113 Monitoring of operations.

(a) Except as provided in paragraph (d) of this section, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.

(b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

(c) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.0 psia) or whose physical properties preclude determination by the recommended method is to be determined from available data and recorded if the estimated true vapor pressure is greater than 6.9 kPa (1.0 psia).

(d) The following are exempt from the requirements of this section:

(1) Each owner or operator of each affected facility which stores petroleum liquids with a Reid vapor pressure of less than 6.9 kPa (1.0 psia) provided the maximum true vapor pressure does not exceed 6.9 kPa (1.0 psia).

(2) Each owner or operator of each affected facility equipped with a vapor recovery and return or disposal system in accordance with the requirements of §60.112.

[45 FR 23379, Apr. 4, 1980]

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

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

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

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008

**This form consists of 2 pages**

**Page 1 of 2**

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
  - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), 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
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

A certification is not required for this report.

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

## Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Tank 77  
Parameter: Gasoline Throughput  
Limit: Less than 75,753,824 gallons total per twelve (12) consecutive month period with compliance determined at the end of each month

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
Deviation has been reported on:

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

## Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Loading Rack Bay #2 & 3  
Parameter: Gasoline Throughput  
Limit: Less than 319,728,051 gallons per twelve (12) consecutive month period with compliance determined at the end of each month

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
Deviation has been reported on:

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

### Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Loading Rack Bay #1  
Parameter: Gasoline Throughput  
Limit: Less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
Deviation has been reported on:

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

## Part 70 Quarterly Report

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Tank 83  
Parameter: Throughput of Additives  
Limit: Less than 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month

QUARTER :

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.  
Deviation has been reported on:

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF AIR QUALITY  
 COMPLIANCE DATA SECTION  
 PART 70 OPERATING PERMIT  
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Countrymark Cooperative, LLP  
 Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
 Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
 Part 70 Permit No.: 057-16575-00008

**Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_**

<p>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".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

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

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**Indiana Department of Environmental Management  
Office of Air Quality**

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

**Source Description and Location**

<b>Source Name:</b>	Countrymark Cooperative, LLP
<b>Source Location:</b>	17710 Mule Barn Road, Westfield, IN 46074
<b>County:</b>	Hamilton
<b>SIC Code:</b>	5171
<b>Operation Permit No.:</b>	T 057-16575-00008
<b>Operation Permit Issuance Date:</b>	September 2, 2003
<b>Minor Source Modification No.:</b>	057-25021-00008
<b>Significant Permit Modification No.:</b>	057-25062-00008
<b>Permit Reviewer:</b>	Laura Spriggs

**Existing Approvals**

The source was issued Part 70 Operating Permit Renewal No. 057-16575-00008 on September 2, 2003. The source has since received the following approval:

Significant Permit Modification No. 057-22083-00008, issued on June 28, 2006.

**County Attainment Status**

The source is located in Hamilton County.

<b>Pollutant</b>	<b>Status</b>
PM10	Attainment
PM2.5	Nonattainment
SO <sub>2</sub>	Attainment
NO <sub>2</sub>	Attainment
8-hour Ozone	Nonattainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to the ozone standards. Hamilton County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (b) U.S. EPA, in the Federal Register Notice 70 FR 943 dated January 5, 2005, has designated Hamilton County as nonattainment for PM<sub>2.5</sub>. 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 PM<sub>10</sub> emissions as a surrogate for PM<sub>2.5</sub> emissions pursuant to the requirements

of 326 IAC 2-1.1-5.

- (c) Hamilton County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) 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 (tons/year)
PM	7
PM10	6
SO <sub>2</sub>	8
VOC	593
CO	4
NO <sub>x</sub>	5

- (a) This existing source is a major stationary source under Emission Offset (326 IAC 2-3) because VOCs, which are a precursor to the formation of ozone (a nonattainment regulated pollutant), are emitted at a rate of 100 tons per year or more and the source is one (1) of twenty-eight (28) listed categories of stationary sources.
- (b) These emissions are based upon the potential to emit, reflecting all limits and control equipment that are considered federally enforceable as established in the effective permits.

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

HAPs	Potential To Emit (tons/year)
Single HAP	Less than 10
Combination of HAPs	Less than 24.0

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).

**Actual Emissions**

The following table shows the actual emissions from the source. This information reflects the 2005 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	--
PM10	--
SO <sub>2</sub>	--
VOC	13
CO	--
NO <sub>x</sub>	--
HAP	Not reported

**Description of Proposed Modification**

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by Countrymark Cooperative, LLP on July 11, 2007, relating to the installation of a third loading rack bay and the addition of internal floating roofs to two (2) existing storage tanks. The following is a list of the proposed and modified emission units:

- (a) One (1) loading rack bay, approved for construction in 2007, to be added to the existing submerged gasoline and distillate two (2) bay loading rack, identified as Loading Rack Bay #1. The new loading rack bay has a maximum capacity of 23,800 gallons of gasoline and/or distillates per hour. The original two (2) bay unit, identified as Loading Rack Bay #2 & 3, was installed in May 1979 and is equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, and exhausted through Stack JVRU4 or JVRU5. The modified three (3) bay loading rack, identified as Loading Rack, will have a total maximum capacity of 70,000 gallons of gasoline and/or distillates per hour, will use the same vapor recovery unit, and is subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals. The loading rack is equipped to load gasoline and/or distillates from the three (3) bays concurrently.
- (b) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (c) One (1) storage tank; identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

**Enforcement Issues**

There are no pending enforcement actions regarding this proposed modification.

**Emission Calculations**

See Appendix A of this document for detailed emission calculations.

**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.”

The following tables are used to determine the appropriate permit level under 326 IAC 2-7-10.5.

(a) Loading Rack Bay #1

The following two tables reflect the PTE of the new bay to be added to the loading rack. The PTE calculations do not include the PTE of the existing two (2) bays of the loading rack, only the PTE of the modification. The PTE is given before controls and after controls and limits. The existing permit requires the minimum overall control efficiency of the vapor recovery unit to be at least ninety-five percent (95%) of the VOC emissions, which is a federally enforceable requirement. In addition, the source is limiting the throughput of gasoline to Loading Rack Bay #1 to limit the VOC emissions from the entire project modification to less than 25 tons per year.

Pollutant	Potential To Emit (tons/year)	
	Before Controls	After Controls and Limits
PM	--	--
PM10	--	--
SO <sub>2</sub>	--	--
VOC	521.2	Less than 25.0
CO	--	--
NO <sub>x</sub>	--	--

HAPs*	Potential To Emit (tons/year)	
	Before Controls	After Controls and Limits
Benzene	1.564	0.075
Ethyl Benzene	0.156	0.008
Hexane	3.649	0.175
Toluene	2.606	0.125
Xylene	1.042	0.050
Naphthalene	0.021	0.001
TOTAL	9.038	0.434

\*The liquid mass fractions of HAPs were determined from analysis of a Countrymark refinery gasoline sample. The vapor mass fractions were determined using the TANKS program. These vapor mass fractions are different from those used in Part 70 Operating Permit No. 057-7976-00008, issued on June 12, 1998 and Part 70 Operating Permit Renewal No. 057-16575-00008, issued on September 2, 2003. The new vapor mass fractions are more representative of the Countrymark gasoline product.

(b) Tanks 72 and 73

The following table indicates the Potential to Emit before and after the modifications to Tank 72 and Tank 73. The Potential to Emit is after federally enforceable controls and limits in existing permits.

Pollutant	PTE Before Modification (tons/year)	PTE After Modification (tons/year)	Net Difference (tons/year)
PM	--	--	--
PM10	--	--	--
SO <sub>2</sub>	--	--	--
VOC	503.3	369.6	0
CO	--	--	--
NO <sub>x</sub>	--	--	--
HAPs	<10 single / < 24 combination	<10 single / < 24 combination	N/A

- (1) In the existing permit, there is a federally enforceable limit on the total throughput of gasoline to Tanks 72, 73, and 77. Therefore, the potential emissions from all three tanks are considered in the PTE calculations for before and after the modification.
- (2) PTE Before Modification is based on Tanks 72, 73, and 77 without internal floating roofs and with the federally enforceable combined-tank gasoline input limit of 104,847,825 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (3) PTE After Modification is based on Tanks 72, 73, and 77 with internal floating roofs for Tanks 72 and 73. A new gasoline input limit of 75,753,824 gallons per twelve (12) consecutive month period with compliance determined at the end of each month is applied only to Tank 77 after the modification.
- (4) The liquid mass fractions of HAPs were determined from analysis of a Countrymark refinery gasoline sample. The vapor mass fractions were determined using the TANKS program. These vapor mass fractions are different from those used in Part 70 Operating Permit No. 057-7976-00008, issued on June 12, 1998 and Part 70 Operating Permit Renewal No. 057-16575-00008, issued on September 2, 2003. The new vapor mass fractions are more representative of the Countrymark gasoline product and were used to calculate the HAP PTE after the modification.

(c) Entire Proposed Modification

Pollutant	PTE New Emission Units (tons/year)	Net Increase to PTE of Modified Emission Units (tons/year)	Total PTE for New and Modified Units (tons/year)
PM	--	--	--
PM10	--	--	--
SO <sub>2</sub>	--	--	--
VOC	Less than 25.0	0	Less than 25.0
CO	--	--	--
NO <sub>x</sub>	--	--	--
HAPs	<10 for single / < 24 for combination	<10 for single / < 24 for combination	<10 for single / < 24 for combination

This source modification is subject to 326 IAC 2-7-10.5(d)(3)(C) because the potential to emit VOCs is less than twenty-five (25) tons per year and equal to or greater than five (5) tons per year of volatile

organic compounds and is a modification that requires the use of air pollution control equipment to comply with the applicable provisions of 326 IAC 8. Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1). This permit modification does not qualify as an administrative amendment per 326 IAC 2-7-11(a) or as a minor permit modification per 326 IAC 2-7-12(b)(1)(E) because this is a Clean Air Act Title I modification due to the fact that two New Source Performance Standards are now applicable at this source due to the modification as described in the Federal Rule Applicability Determination section.

**Permit Level Determination – PSD or Emission Offset**

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 Minor Source Modification and Significant Permit Modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/Emission Unit	Potential to Emit (tons/year)						
	PM	PM10	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	(Pb, Be, Hg)
Loading Rack Bay #1	--	--	--	Less than 25.0	--	--	--
Tank 72 & Tank 73	--	--	--	0	--	--	--
Total for Modification	--	--	--	Less than 25.0	--	--	--
Significant Level or Major Source Threshold	25	15	40	40	100	40	

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

Since this source is considered a major EO source and the unrestricted potential to emit of this modification is greater than forty (40) tons of VOC per year, this source will limit the potential to emit of this modification as follows:

- (a) The minimum overall (capture and destruction) control efficiency of the vapor recovery unit shall be at least ninety-five percent (95%) of the VOC emissions. This is an existing requirement under the existing permits.
- (b) The total gasoline throughput to Loading Rack Bay #1 shall be less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.

**Federal Rule Applicability Determination**

The following federal rules are applicable to the source due to this modification:

- (a) The loading rack is now subject to the New Source Performance Standards for Bulk Gasoline Terminals (40 CFR 60.500, Subpart XX) because it is modified after December 17, 1980. The facilities subject to this rule include the total of all the loading racks.

Nonapplicable portions of the NSPS will not be included in the permit. The loading rack is subject to the following portions of Subpart XX:

- (1) 40 CFR 60.500
- (2) 40 CFR 60.501
- (3) 40 CFR 60.502 (except (c))
- (4) 40 CFR 60.503
- (5) 40 CFR 60.505

- (b) Tank 72 and Tank 73 are now subject to the New Source Performance Standards for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 (40 CFR 60.110b, Subpart Kb), because they are modified after July 23, 1984. The facilities subject to this rule include the following:

- (1) Tank 72
- (2) Tank 73

Nonapplicable portions of the NSPS will not be included in the permit. The storage tanks are subject to the following portions of Subpart Kb:

- (1) 40 CFR 60.110b
- (2) 40 CFR 60.111b
- (3) 40 CFR 60.112b(a)(1)
- (4) 40 CFR 60.113b(a)
- (5) 40 CFR 60.114b
- (6) 40 CFR 60.115b
- (7) 40 CFR 60.116b
- (8) 40 CFR 60.117b

- (c) This source remains not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations), 40 CFR 63, Subpart R. Compliance with the following limits and conditions, limit the individual HAP emissions from the entire source to less than ten (10) tons per year and limit the combined HAP emissions from the entire source to less than twenty-five (25) tons per year, rendering the requirements of NESHAP, 40 CFR Part 63, Subpart R not applicable for this source:

- (1) The input of gasoline to Tank 77 shall be less than 75,753,824 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (2) The throughput of gasoline to Loading Rack Bay #2 & 3 shall be less than 319,728,051 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (3) The throughput of gasoline to Loading Rack Bay #1 shall be less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (4) The throughput of additives to Tank 83 shall be less than 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (5) The minimum overall (capture and destruction) control efficiency of the vapor recovery unit shall be at least ninety-five percent (95%) of the VOC emissions from Loading Rack Bay #1, Loading Rack Bay #2 & 3, and Tank 76.

- (d) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the

following criteria:

- (1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;
- (2) is subject to an emission limitation or standard for that pollutant; and
- (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The vapor recovery unit that controls VOC emissions from all loading rack bays and Tank 76 is already subject to CAM requirements as specified in D.1.10. Therefore, there are no new CAM requirements for Loading Rack Bay #1.

Tanks 72 and 73 do not use control devices; therefore, the requirements of 40 CFR Part 64, CAM, are not applicable to modified Tanks 72 and 73 as part of this 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 applicability to the modification is discussed under the Permit Level Determination - PSD and Emission Offset section.

The existing throughput limit of gasoline of 320,000,000 gallons per twelve (12) consecutive months for Loading Rack Bay #2 & 3 was modified to account for the potential of loading gasoline and distillates concurrently. After controls with a limited throughput of less than 319,728,051 gallons of gasoline per twelve (12) consecutive month period, the potential VOC from Loading Rack Bay #2 & 3 is equivalent to less than the PSD significant level of 40 tons of VOC per year. Therefore, the modification of the loading rack remains minor for PSD.

#### **326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))**

This source will continue to emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

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

This section does not apply to any sources located in Hamilton County.

#### **326 IAC 8-4-4 (Bulk Gasoline Terminals)**

This section applies to new sources as of January 1, 1980. The loading rack was originally constructed in 1979, prior to the applicability date of this section and the modifications do not qualify as a new source. Therefore, the loading rack remains not subject to the requirements of 326 IAC 8-4-4.

#### **326 IAC 8-4-5 (Bulk Gasoline Plants)**

This source does not meet the definition of a Bulk Gasoline Plant, as defined in 326 IAC 1-2-7.

#### **326 IAC 8-4-6 (Gasoline Dispensing Facilities)**

This section applies to any gasoline storage tank installed after July 1, 1989. Tank 72 and Tank 73 were each installed in 1953, prior to the applicability date of this section and the modifications do not qualify as installations. Therefore, Tanks 72 and 73 remain not subject to the requirements of 326 IAC 8-4-6.

#### **326 IAC 8-1-6 (New Facilities; General Reduction Requirements)**

The source is subject to 326 IAC 8-6 (Organic Solvent Emission Limitations); therefore the

requirements of 326 IAC 8-1-6 do not apply to any facility at the source.

### **326 IAC 8-6 (Organic Solvent Emission Limitations)**

Pursuant to 326 IAC 8-6-2(a), "no person shall emit or cause emissions of more than one hundred (100) tons per year of VOC from any source unless all VOC emitted from such source are reduced by at least eighty-five percent (85%) from emissions which would occur before the application of any control equipment or process." This requirement is satisfied through ninety-five percent (95%) control of VOC emissions from the loading rack bays and Tank 76 by the existing vapor recovery unit as well as the limit placed on Tank 77.

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

This rule does not apply to any storage vessels located in Hamilton County.

## **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.

The Compliance Determination Requirements applicable to this modification are as follows:

- (a) The loading rack has applicable compliance determination conditions as specified in 40 CFR 60.503, which can be found in the Proposed Changes section of the TSD under Section E.1, to ensure compliance with 40 CFR 60, Subpart XX (Standards of Performance for Bulk Gasoline Terminals).

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

- (a) The loading rack has applicable compliance monitoring conditions as specified in 40 CFR 60.505, which can be found in the Proposed Changes section of the TSD under Section E.1, to ensure compliance with 40 CFR 60, Subpart XX (Standards of Performance for Bulk Gasoline Terminals).
- (b) Tank 72 and Tank 73 have applicable compliance monitoring conditions as specified in 40 CFR 60.113b(a), 40 CFR 60.115b, and 40 CFR 60.116b, which can be found in the Proposed Changes section of the TSD under Section E.2, to ensure compliance with 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).

## **Proposed Changes**

In addition to the changes directly related to the modification, OAQ made the following revisions to

the Part 70 permit:

- (a) On the cover page, in Section A.1, and on all forms, the street address of the source was revised from 17110 Mule Barn Road to 17710 Mule Barn Road to reflect the correct address.
- (b) In Section A.2, in addition to the emissions unit descriptions related to the modifications, a clarification was made for the distinction between Tank 77 and Tank 78.
- (c) Section B, General Conditions:
  - (1) IDEM mailing addresses and phone numbers were updated in all appropriate locations.
- (d) Section C, Source Operation Conditions:
  - (1) IDEM mailing addresses and phone numbers were updated in all appropriate locations.
  - (2) The section titled Operation of Equipment was removed and subsequent sections were renumbered.
- (e) Section D.1, Emissions Unit Operation Conditions:
  - (1) In addition to the emissions unit descriptions related to the modifications, a clarification was made for the distinction between Tank 77 and Tank 78.
  - (2) The condition containing General Provisions Relating to NSPS was moved to E.1, E.2, and E.3, relating to the NSPS provisions of:
    - (i) 40 CFR Part 60, Subpart XX, New Source Performance Standards for Bulk Gasoline Terminals for the loading rack.
    - (ii) 40 CFR Part 60, Subpart Kb, New Source Performance Standards for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984 for Tank 72 and Tank 73.
    - (ii) 40 CRF Part 60, Subpart K, New Source Performance Standards for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978 for Tank 82.
  - (3) Sections and references to sections were renumbered appropriately.
  - (4) In Section D.1.1(a)(1), VOC Limits, the limit of the throughput of gasoline to the Loading Rack Bay #2 & 3 was revised to reflect the potential loading of gasoline and distillates at the same time. The limit was reworded from "shall not exceed" to "shall be less than" to keep the emissions below forty (40) tons per year.
  - (5) In Section D.1.1(d), VOC Limits, the limit to make 326 IAC 8-1-6 not applicable was removed because 326 IAC 8-1-6 does not apply to this source since 326 IAC 8-6 applies. The limit statement in D.1.1(b) was reworded from "shall not exceed" to "shall be less than" to keep the emissions below the applicable level.
  - (6) In Section D.1.2, Hazardous Air Pollutants (HAPs), the limit placed on Tanks 72, 73, and 77 was replaced with a new limit for Tank 77 alone. The modifications to

Tanks 72 and 73 greatly reduce the potential to emit from these tanks so that they no longer require an input limit. The new limit for Tank 77, combined with other limits and the use of the vapor recovery unit for all loading rack bays and Tank 76, reduces the individual and combined HAP emissions to less than major source levels.

- (7) Section D.1.5, Preventive Maintenance Plan, was revised to remove Tanks 72 and 73 since they no longer have an input limit.
- (8) Section D.1.6, Testing Requirements, was revised to require testing within 180 days of startup of Loading Rack Bay #1 to demonstrate compliance with D.1.3, Minimum Overall Control Efficiency.
- (9) Record keeping requirements were revised to reflect modifications.
- (f) Section E.1 was added to reflect the federal provisions of 40 CFR Part 60, Subpart XX for the loading rack.
- (g) Section E.2 was added to reflect the federal provisions of 40 CFR Part 60, Subpart Kb for Tanks 72 and 73.
- (h) Section E.3 was added to reflect the federal provisions of 40 CFR Part 60, Subpart K for Tank 82.
- (i) The Part 70 Quarterly Report forms were updated to reflect the following:
  - (1) The limit for Tanks 72, 73, and 77 was modified for the new limit that applies to Tank 77 alone.
  - (2) The limit for Loading Rack Bay #2 & 3 was revised to reflect the revised throughput limit.
  - (3) A new Part 70 Quarterly Report form was included for Loading Rack Bay #1.
  - (4) The limit for Tank 83 was revised to only include the limit that makes 326 IAC 2-2 not applicable because 326 IAC 8-1-6 is not applicable to this source.
  - (5) All limits were worded as "less than" to keep the limits below the applicable levels.

The changes listed below have been made to Part 70 Operating Permit Renewal No. 057-16575-00008. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

Coverpage:

Countrymark Cooperative, LLP  
**17710 17110** Mule Barn Road  
Westfield, Indiana 46074

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

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The Permittee owns and operates a **stationary** bulk storage and wholesale petroleum products distribution source known as the Jolietville Terminal.

Responsible Official:	Vice President
Source Address:	17140 <b>17710</b> Mule Barn Road, Westfield, Indiana 46074
Mailing Address:	17140 <b>17710</b> Mule Barn Road, Westfield, Indiana 46074
General Source Phone Number:	812-838-8543
SIC Code:	5171
County Location:	Hamilton
Source Location Status:	Nonattainment for 8-hour ozone <b>standard</b> and <b>Nonattainment for PM 2.5 standard</b>
Source Status:	Attainment for all other criteria pollutants Part 70 <b>Operating</b> Permit Program Major Source, under Emission Offset Rules Minor Source, Section 112 of the Clean Air Act <b>1 of 28 Source Categories</b>

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

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This stationary bulk storage and wholesale petroleum products distribution source consists of the following emission units and pollution control devices:

~~(a) One (1) submerged gasoline and distillate two (2) bay truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, throughput capacity: 46,200 gallons of gasoline and/or distillates per hour.~~

(a) **Loading Rack**

**One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:**

**(1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.**

**(2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.**

(b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.

(c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.

(d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.

~~(e) One (1) storage tank, identified as Tank 72, vented to Tank 76, installed in 1953, capacity:~~

~~620,300 gallons of gasoline or distillates.~~

- (e) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.**
- ~~(f) One (1) storage tank, identified as Tank 73, vented to Tank 76, installed in 1953, capacity: 993,500 gallons of gasoline or distillates.~~
- (f) One (1) storage tank; identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.**
- (g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.
- ~~(i) Two (2) storage tanks, identified as Tanks 77 and 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates, each.~~
- (i) One (1) variable vapor space storage tank, identified as Tank 77, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.**
- (j) One (1) storage tank, identified as Tank 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.**
- ~~(k)~~ Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each.
- ~~(l)~~ One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.
- ~~(m)~~ One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.
- ~~(n)~~ One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.
- ~~(o)~~ One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.
- ~~(p)~~ Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.
- ~~(q)~~ One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

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 13-15-3-6(a)]

~~(a) — This permit, T057-16575-00008, 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 or of permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control).~~

~~(b) — If IDEM, OAQ 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]

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

B.5 — Termination of Right to Operate [326 IAC 2-7-10] [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.6 — 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.7 — 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.8 — Duty to Provide Information [326 IAC 2-7-5(6)(E)]

~~(a) — The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, 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.9 — Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]~~

- ~~(a) — Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.~~
- ~~(b) — One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.~~
- ~~(c) — A responsible official is defined at 326 IAC 2-7-1(34).~~

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

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

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~and~~

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

- ~~(b) — The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.~~
- ~~(c) — The annual compliance certification report shall include the following:~~
- ~~(1) — The appropriate identification of each term or condition of this permit that is the basis of the certification;~~
  - ~~(2) — The compliance status;~~
  - ~~(3) — Whether compliance was continuous or intermittent;~~
  - ~~(4) — The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and~~
  - ~~(5) — Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.~~

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

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

- ~~(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:~~
- ~~(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;~~
  - ~~(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and~~
  - ~~(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~
- ~~(b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or 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.12 Emergency Provisions [326 IAC 2-7-16]~~

- ~~(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.~~
- ~~(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:~~
- ~~(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;~~
  - ~~(2) The permitted facility was at the time being properly operated;~~
  - ~~(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;~~
  - ~~(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~
- ~~Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-5674 (ask for Compliance Section)  
Facsimile Number: 317-233-5967~~
- ~~(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:~~

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

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, 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, 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) — Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

- (a) — Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed 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 that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.~~
- ~~(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, 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, has issued the modification. [326 IAC 2-7-12(b)(8)]~~

~~B.14 Prior Permits Superseded [326 IAC 2-1-1-9.5] [326 IAC 2-7-10.5]~~

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- ~~(a) All terms and conditions of permits established prior to T055-16571-00003 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 permit, all previous registrations and permits are superseded by this Part 70 operating permit, except for~~

~~permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control).~~

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

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

~~Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~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, determines any of the following:~~

~~(1) — That this permit contains a material mistake.~~

~~(2) — That inaccurate statements were made in establishing the emissions standards or other terms or conditions.~~

~~(3) — That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]~~

- ~~(c) — Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]~~

- ~~(d) — The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]~~

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

- ~~(a) — The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such informa-~~

~~tion shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~Request for renewal shall be submitted to:~~

~~Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~(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 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 takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.~~

~~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  
Indianapolis, Indiana 46204-2254~~

~~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(e)(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  
Indianapolis, Indiana 46204-2254~~

~~and~~

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

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

~~(5) — The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(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, 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.~~

~~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]~~

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

~~(a) — Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;~~

~~(b) — 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) — 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  
Indianapolis, Indiana 46204-2254~~

~~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, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.~~
- ~~(b) 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, I/M & Billing 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 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 13-15-3-6(a)]**

- (a) This permit, 057-16575-00008, 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, 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]**

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States

**Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.**

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

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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)]**

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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)]**

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ 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)]**

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- (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 the "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 at 326 IAC 2-7-1(34).

**B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (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 no later than July 1 of each year 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

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)

**77 West Jackson Boulevard  
Chicago, Illinois 60604-3590**

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
- (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

**B.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]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or 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]**

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

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

Telephone 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

- (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

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 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 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]**

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- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.**

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

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

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- (a) All terms and conditions of permits established prior to 057-16575-00008 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 combined new source review and part 70 operating permit.**

**B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]**

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**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)]**

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

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

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

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

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- (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 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The

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

**Request for renewal shall be submitted to:**

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

- (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 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 takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.**

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

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- (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**
- 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)]**

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- (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]**

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- (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

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(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 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]**

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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]**

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

- (a) Enter upon the Permittee’s premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) 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]**

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- (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

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]**

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

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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 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]~~

~~Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.~~

~~C.2 Opacity [326 IAC 5-1]~~

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

~~(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.~~

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

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

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

~~C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]~~

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

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

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

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

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

~~C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

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

~~(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or~~

~~before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~

- ~~(1) When the amount of affected asbestos-containing material increases or decreases by at least twenty percent (20%); or~~
- ~~(2) If there is a change in the following:
  - ~~(A) Asbestos removal or demolition start date;~~
  - ~~(B) Removal or demolition contractor; or~~
  - ~~(C) Waste disposal site.~~~~
- ~~(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~
- ~~(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

~~All required notifications shall be submitted to:~~

~~Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~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.8 Performance Testing [326 IAC 3-6]**

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

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

~~Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.~~

#### **Compliance Requirements [326 IAC 2-1.1-11]**

##### **C.9 Compliance Requirements [326 IAC 2-1.1-11]**

~~The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements 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.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

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

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

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

##### **C.11 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.12 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 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.13 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 September 11, 1998.~~
- ~~(b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

~~C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]~~

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

~~C.15 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.16 — 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.17 — Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]~~

- ~~(a) — The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
  - ~~(1) — Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);~~
  - ~~(2) — Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1(32)) (“Regulated pollutant which is used only for purposes of Section 19 of this rule”) from the source, for purposes of Part 70 fee assessment.~~~~
- ~~(b) — The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:~~

~~Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

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

- (c) — The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.18 — 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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) — Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

- (c) — If there is a reasonable possibility 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 Clean Unit (or at a source with Plant wide 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 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 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)(3);

and

(iv) — An explanation for why the amount was excluded, and any netting calculations, if applicable.

- (2) — 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

- (3) — 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.19 — 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 devia-

~~tion, 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  
Indianapolis, Indiana 46204-2251~~

- ~~(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.~~

- ~~(d) Unless otherwise specified in this permit, 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 (ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:~~

~~(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 (c)(2) and (3) 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) and/or 326 IAC 2-3-2(e)(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~~

~~Air Compliance Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251~~

- ~~(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. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.~~

### ~~Stratospheric Ozone Protection~~

#### ~~C.20 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 C

## SOURCE OPERATION CONDITIONS

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

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

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

#### C.2 Opacity [326 IAC 5-1]

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

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

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

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may

**open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.**

**C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

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

---

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

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

---

- (a) **Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.**
- (b) **The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:**
- (1) **When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or**
  - (2) **If there is a change in the following:**
    - (A) **Asbestos removal or demolition start date;**
    - (B) **Removal or demolition contractor; or**
    - (C) **Waste disposal site.**
- (c) **The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).**
- (d) **The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).**

**All required notifications shall be submitted to:**

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

**The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "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.7 Performance Testing [326 IAC 3-6]

---

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

#### Compliance Requirements [326 IAC 2-1.1-11]

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

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

---

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

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

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

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

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

**C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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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.11 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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- (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 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.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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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 September 11, 1998.
- (b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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

**C.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

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- (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; and/or**
  - (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.15 Actions Related to Noncompliance Demonstrated by a Stack Test**  
**[326 IAC 2-7-5][326 IAC 2-7-6]**

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- (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 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.16 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]**

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- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. 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 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

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

- (b) 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 <<and local agency insert>> on or before the date it is due.

**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]**

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- (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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.**
- (b) **Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.**
- (c) **If there is 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)) 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 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)(3); and**
- (iv) **An explanation for why the amount was excluded, and any netting calculations, if applicable.**
- (2) **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**
- (3) **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]**

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- (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
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, 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(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
- (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 (c)(2) and (3) 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) and/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

- (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. The general public may request this information from the IDEM, OAQ 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 EMISSIONS UNIT OPERATION CONDITIONS

#### Facility Description [326 IAC 2-7-5(15)]: Loading Rack and Tanks

~~(a) One (1) submerged gasoline and distillate two (2) bay truck loading rack, installed in May 1979, identified as Loading Rack, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, throughput capacity: 46,200 gallons of gasoline and/or distillates per hour.~~

(a) **Loading Rack**

One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:

- (1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.

- (2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.**
- (b) One (1) storage tank, identified as Tank 69, installed in 1956, capacity: 84,400 gallons of ethanol.
- (c) One (1) storage tank, identified as Tank 70, installed in 1953, capacity: 414,300 of gasoline or distillates.
- (d) One (1) storage tank, identified as Tank 71, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.
- ~~(e) One (1) storage tank, identified as Tank 72, vented to Tank 76, installed in 1953, capacity: 620,300 gallons of gasoline or distillates.~~
- (e) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.**
- ~~(f) One (1) storage tank, identified as Tank 73, vented to Tank 76, installed in 1953, capacity: 993,500 gallons of gasoline or distillates.~~
- (f) One (1) storage tank, identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.**
- (g) Two (2) storage tanks, identified as Tanks 74 and 75, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 76, installed in 1953, equipped with a vapor recovery, consisting of two (2) carbon beds, originally installed in 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, capacity: 2,235,400 gallons of gasoline or distillates.
- ~~(i) Two (2) storage tanks, identified as Tanks 77 and 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates, each.~~
- (i) One (1) variable vapor space storage tank, identified as Tank 77, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.**
- (j) One (1) storage tank, identified as Tank 78, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.**
- ~~(k) Two (2) storage tanks, identified as Tanks 79 and 80, installed in 1956, capacity: 2,235,000 gallons of gasoline or distillates, each.~~
- ~~(l) One (1) storage tank, identified as Tank 81, installed in 1958, capacity: 2,290,000 gallons of gasoline or distillates.~~
- ~~(m) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of~~

gasoline or distillates.

- ~~(m)~~(n) One (1) storage tank, identified as Tank 83, installed in 1988, capacity: 8,200 gallons of additives.
- ~~(n)~~(o) One (1) sump tank, identified as Sump, installed in 1953, capacity: 1,000 gallons.
- ~~(o)~~(p) Two (2) storage tanks, identified as Tanks S1 and S2, installed in 1992, capacity: 2,900 gallons of gasoline or distillates, each.
- ~~(p)~~(q) One (1) storage tank, identified as Tank S3, installed in 1992, capacity: 1,400 gallons of gasoline or distillates.

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

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

~~The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to Tank 82, except when otherwise specified in 40 CFR Part 60, Subpart Kb.~~

~~D.1.31 VOC Limits [326 IAC 2-2] [326 IAC 8-1-6] [326 IAC 2-3] [326 IAC 2-7-10.5]~~

~~(a) Loading Rack~~

~~(1) Loading Rack Bay #2 & 3~~

- ~~(A) The throughput of gasoline to the loading rack Loading Rack Bay #2 & 3 shall not exceed **be less than 320,000,000 319,728,051** gallons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to less than forty (40) tons of VOC per year.~~
- ~~(B) The VOC emissions, when loading gasoline from Loading Rack Bay #2 & 3, shall not exceed 5 pounds per kilogallon.~~
- ~~(C) The VOC emissions, when loading distillates from Loading Rack Bay #2 & 3, shall not exceed 0.016 pounds per kilogallon.~~

~~Compliance with the above limits, combined with D.1.3, shall limit the potential to emit VOC from Loading Rack Bay #2 & 3 to less than forty (40) tons per twelve (12) consecutive month period and render 326 IAC 2-2 not applicable.~~

~~(2) Loading Rack Bay #1~~

- ~~(A) The throughput of gasoline to Loading Rack Bay #1 shall be less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month.~~
- ~~(B) The VOC emissions, when loading gasoline from Loading Rack Bay #1, shall not exceed 5 pounds per kilogallon.~~
- ~~(C) The VOC emissions, when loading distillates from Loading Rack Bay #1, shall not exceed 0.016 pounds per kilogallon.~~

~~Compliance with the above limits, combined with D.1.3, shall limit the potential to emit VOC from Loading Rack Bay #1 to less than twenty-five (25) tons per twelve (12) consecutive month period and render 326 IAC 2-7-10.5(f) and 326 IAC 2-3 not applicable.~~

(b) **Tank 83**

The throughput of additives to the Tank 83 shall not exceed **be less than** 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, ~~equivalent to less than forty (40) tons of VOC per year.~~

**Compliance with the above limit shall limit the VOC from Tank 83 to less than forty (40) tons per twelve (12) consecutive month period and render 326 IAC 2-2 not applicable.**

~~(c) Compliance with the limits in (a) and (b) renders the requirements of 326 IAC 2-2 not applicable.~~

~~(d) The throughput of additives to the Tank 83 shall not exceed 4,984,288 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to less than twenty-five (25) tons of VOC per year. Compliance with this limit renders the requirements of 326 IAC 8-1-6 not applicable.~~

D.1.2 Hazardous Air Pollutants (HAPs) [40 CFR Part 63.1500 (Subpart R)]

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

(a) **Tank 77**

The input of gasoline to Tanks ~~72, 73 and~~ 77 shall be limited to a total of **less than** ~~404,847,825~~ **75,753,824** gallons per twelve (12) consecutive month period with compliance determined at the end of each month. ~~This input of gasoline limits the total potential to emit from Tanks 72, 73 and 77 to a 20.48 tons per year for the combination of HAPs and to 5.87 tons per year for the worst case single HAP.~~

(b) Compliance with ~~Condition D.1.2(a)~~ **the above limit, combined with the Minimum Overall Control Efficiency specified in D.1.3; the limited potential to emit of Loading Rack Bay #2 & 3, Loading Rack Bay #1, and Tank 83; and the potential to emit from other emission units at the source** limits the **individual HAP** emissions ~~of HAPs for~~ from the entire source to ~~below the major source levels of~~ **less than** ten (10) tons per year ~~for any given individual HAP and twenty-five (25) tons per year for the combination of HAPs.~~ **This shall also limit the combined HAP emissions from the entire source to less than twenty-five (25) tons per year.** Therefore, ~~compliance with this limit renders the requirements of NESHAP, 40 CFR Part 63, Subpart R; are rendered~~ not applicable to this source.

D.1.43 Minimum Overall Control Efficiency [326 IAC 8-6]

The minimum overall (capture and destruction) control efficiency of the vapor recovery unit shall be at least ninety-five percent (95%) of the VOC emissions **from Loading Rack Bay #2 & 3, Loading Rack Bay #1, and Tank 76.**

D.1.54 Compliance Assurance Monitoring (CAM) Plan [40 CFR 64]

A Compliance Assurance Monitoring (CAM) Plan, in accordance with 40 CFR 64, is required for the two (2) bay truck loading rack because the potential to emit VOC before controls is greater than one hundred (100) tons per year and the source is subject to the limitations contained in Conditions D.1.31(a) and D.1.43. The CAM plan for emissions from the two (2) bay truck loading rack was submitted on May 5, 2003 for the use of a vapor recovery unit (VRU) for VOC control with this emission unit in order to comply with Conditions D.1.31(a) and D.1.43. The CAM requirements in this Section represent the information provided in the CAM plan submitted.

**D.1.65 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the loading rack, Tanks ~~72, 73,~~ 76, 77 and 83 and any control devices.

**Compliance Determination Requirements**

**D.1.76 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]**

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~~By April 11, 2007~~ **Within one hundred eighty (180) days of start up of Loading Rack Bay #1**, in order to demonstrate compliance with Condition D.1.43, the Permittee shall conduct a performance test to verify the minimum VOC control efficiency utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

**D.1.87 VOCs and HAPs [326 IAC 8-6] [40 CFR Part 63.1500 (Subpart R)]**

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The Permittee shall operate the vapor recovery unit serving the loading rack and Tank 76 at all times when gasoline is loaded through the loading rack and/or gasoline is being loaded to or unloaded from Tank 76 and to achieve compliance with Condition D.1.43. The vapor recovery unit, **combined with the limits established for Loading Rack Bay #2 & 3, Loading Rack Bay #1, Tank 77, and Tank 83**, satisfies the requirements of 326 IAC 8-6 and renders NESHAP, 40 CFR Part 63, Subpart R, **not applicable**.

**D.1.98 VOC and HAPs [326 IAC 8-1-4(a)(3)] [326 IAC 8-1-2(a)]**

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Compliance with the VOC and HAP usage limitations contained in Conditions D.1.21 and D.1.32 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC and HAP data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4

**D.1.409 Monitoring**

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- (a) Measure the monthly flow rate of gasoline, petroleum distillate and additives to the loading rack and storage tanks.
- (b) Calibrate the flow meters on the loading rack at least once per quarter. The instrument used for determining the flow rate shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

**Compliance Assurance Monitoring Requirements**

**D.1.140 Monitoring Determination Method [40 CFR 64]**

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- (a) The Permittee shall monitor the VRU control device parameters as follows:
  - (1) The VRU shall use an alarm system that indicates if:
    - (A) any of the process fluids (gasoline and glycol) are not at the proper levels,
    - (B) there is not sufficient vacuum on the system, or
    - (C) there is any interruption in the automatic cycle.
  - (2) In the event the VRU is not operating normally, the VRU shall shutdown and vapors produced at the loading rack shall be captured in Tank 76. The vertical travel of the Tank 76 variable vapor space roof shall be observed. If the vapor space is maintained below the full level, loading operation vapors shall be captured. No excess emissions shall occur at the VRU at any time.

- (b) The Permittee shall perform the daily inspections and maintenance on the VRU on days when the loading rack is in operation. These inspections shall include, but are not limited to checking the following:
  - (1) Carbon beds for cycling from atmospheric pressure to vacuum;
  - (2) Sight glass levels for the absorber and separator;
  - (3) Normal flow on the rotometer feeding the vacuum pump;
  - (4) Unit for leaks; and
  - (5) Panel warning lights.
- (c) The Permittee shall perform inspections on the vapor lines from the loading rack and Tank 76 during the terminal inspection using sight, smell, and hearing to detect any leakage once per shift.

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

#### **D.1.121 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.2 the Permittee shall maintain records at the source of the materials used that contain any HAPs. The records shall be complete and sufficient to establish compliance with the HAP usage limits and/or HAP emission limits established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period. The records shall contain a minimum of the following:
  - (1) The amount and type of fuel delivered to Tanks ~~72, 73, and~~ 77, monthly
  - (2) The amount and type of fuel throughput to Tanks ~~72, 73, and~~ 77, monthly
  - (3) The HAP/VOC ratio of each fuel received;
  - (4) The weight of HAPs emitted for each compliance period, considering capture and control efficiency, if applicable; and
- (b) To document compliance with Condition D.1.~~31~~, the Permittee shall record:
  - ~~(1) The amount and type of fuel delivered to the loading rack, monthly~~
  - (1) Loading Rack**
    - (A) The amount and type of fuel delivered to Loading Rack Bay #2 & 3, monthly**
    - (B) The amount and type of fuel delivered to Loading Rack Bay #1, monthly**
  - (2) The amount and type of additives throughput to Tank 83, monthly and
  - (3) The weight of VOCs emitted for each compliance period, considering capture and control efficiency, if applicable.
- (c) To document compliance with Condition D.1.~~409~~, the Permittee shall maintain a log of the:

- (1) ~~Monthly flow rate of gasoline and petroleum distillate to the loading rack and storage tanks, and~~
- (1) Monthly flow rate of gasoline and petroleum distillate to Loading Rack Bay #2 & 3, Loading Rack Bay #1, and storage tanks, and**
- (2) Calibrations of the flow meters on the loading rack and Tanks ~~72, 73~~, 77 and 83 at least once per quarter.
- (d) Transfer documents shall be kept for all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year unless the gasoline is being dispensed into motor vehicles or purchased by a consumer at a retail or wholesale outlet. All compliant fuel shall be segregated from noncompliant fuel and labeled. Records shall be maintained for a minimum of two (2) years. These records shall accompany every shipment of gasoline after it has been dispensed by the refinery, and shall contain at minimum, the following:
- (1) The date of all transfers.
- (2) The volume of the gasoline that was transferred.
- (3) The volume and percentage of ethanol if ethanol blended, with a date and location of blending.
- (4) The location and time of transfer.
- (5) A statement certifying that the gasoline has an RVP of seven and eight-tenths (7.8) pounds per square inch or less per gallon or is ethanol blended or is certified as RFG.
- (e) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart K (40CFR Part 60.110) ~~and 326 IAC 12~~ for Storage Tank 82, only.
- (f) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart Kb (40 CFR Part 60.110b) for Storage Tanks 72 and 73 only.**
- (g) The Permittee shall maintain records at the source sufficient to demonstrate compliance with NSPS Subpart XX (40 CFR Part 60.500) for Loading Rack only.**

**D.1.132** Record Keeping Requirements [40 CFR 64]

To document compliance with Condition D.1.121, the Permittee shall maintain the following record keeping onsite pursuant to 40 CFR 64:

- (a) A log of instances when the alarm system for the VRU sounds and the corrective actions that are taken.
- (b) A log of instances when the VRU is shutdown because it is not operating normally and what corrective actions are taken as a result of that shutdown.
- (c) Records of daily inspections performed on the VRU on days when the loading rack is in operation.
- (d) Records of once per shift inspections on the vapor lines.

**D.1.143** Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.21 and D.1.32 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit,

using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION E.1

## NSPS

### Facility Description [326 IAC 2-7-5(15)]: Loading Rack

#### (a) Loading Rack

One (1) submerged gasoline and distillate three (3) bay loading rack, identified as Loading Rack, with a maximum throughput capacity of 70,000 gallons of gasoline and/or distillates per hour, with the capability of loading gasoline and/or distillates concurrently, subject to the provisions of 40 CFR Part 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, consisting of:

- (1) Two (2) truck loading bays, installed in May 1979, identified as Loading Rack Bay #2 & 3, equipped with a vapor recovery unit, consisting of two (2) carbon beds, originally installed in July 6, 1979, replaced in 2000, exhausted through Stack JVRU4 or JVRU5, with a throughput capacity of 46,200 gallons of gasoline and/or distillates per hour.
- (2) One (1) truck loading bay, approved for construction in 2007, identified as Loading Rack Bay #1, controlled by the same vapor recovery unit as Loading Rack Bay #2 & 3, with a throughput capacity of 23,800 gallons of gasoline and/or distillates per hour.

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

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

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for the loading rack except as otherwise specified in 40 CFR Part 60, Subpart XX.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

### E.1.2 Standards of Performance for Bulk Gasoline Terminals Requirements [40 CFR Part 60, Subpart XX]

Pursuant to 40 CFR Part 60, Subpart XX, the Permittee shall comply with the provisions of Standards of Performance for Bulk Gasoline Terminals as follows:

#### New Source Performance Standards for Bulk Gasoline Terminals

Source: 48 FR 37590, Aug. 18, 1983, unless otherwise noted.

**§ 60.500 Applicability and designation of affected facility.**

**(a) The affected facility to which the provisions of this subpart apply is the total of all the loading racks at a bulk gasoline terminal which deliver liquid product into gasoline tank trucks.**

**(b) Each facility under paragraph (a) of this section, the construction or modification of which is commenced after December 17, 1980, is subject to the provisions of this subpart.**

**Note: The intent of these standards is to minimize the emissions of VOC through the application of best demonstrated technologies (BDT). The numerical emission limits in this standard are expressed in terms of total organic compounds. This emission limit reflects the performance of BDT.**

**§ 60.501 Definitions.**

**The terms used in this subpart are defined in the Clean Air Act, in §60.2 of this part, or in this section as follows:**

**Bulk gasoline terminal means any gasoline facility which receives gasoline by pipeline, ship or barge, and has a gasoline throughput greater than 75,700 liters per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal, State or local law and discoverable by the Administrator and any other person.**

**Continuous vapor processing system means a vapor processing system that treats total organic compounds vapors collected from gasoline tank trucks on a demand basis without intermediate accumulation in a vapor holder.**

**Existing vapor processing system means a vapor processing system [capable of achieving emissions to the atmosphere no greater than 80 milligrams of total organic compounds per liter of gasoline loaded], the construction or refurbishment of which was commenced before December 17, 1980, and which was not constructed or refurbished after that date.**

**Flare means a thermal oxidation system using an open (without enclosure) flame.**

**Gasoline means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals or greater which is used as a fuel for internal combustion engines.**

**Gasoline tank truck means a delivery tank truck used at bulk gasoline terminals which is loading gasoline or which has loaded gasoline on the immediately previous load.**

**Intermittent vapor processing system means a vapor processing system that employs an intermediate vapor holder to accumulate total organic compounds vapors collected from gasoline tank trucks, and treats the accumulated vapors only during automatically controlled cycles.**

**Loading rack means the loading arms, pumps, meters, shutoff valves, relief valves, and other piping and valves necessary to fill delivery tank trucks.**

**Refurbishment means, with reference to a vapor processing system, replacement of components of, or addition of components to, the system within any 2-year period such that the fixed capital cost of the new components required for such component replacement or addition exceeds 50 percent of the cost of a comparable entirely new system.**

**Thermal oxidation system means a combustion device used to mix and ignite fuel, air pollutants, and air to provide a flame to heat and oxidize hazardous air pollutants. Auxiliary fuel may be used to heat air pollutants to combustion temperatures.**

**Total organic compounds means those compounds measured according to the procedures in §60.503.**

**Vapor collection system means any equipment used for containing total organic compounds vapors displaced during the loading of gasoline tank trucks.**

**Vapor processing system means all equipment used for recovering or oxidizing total organic compounds vapors displaced from the affected facility.**

**Vapor-tight gasoline tank truck means a gasoline tank truck which has demonstrated within the 12 preceding months that its product delivery tank will sustain a pressure change of not more than 750 pascals (75 mm of water) within 5 minutes after it is pressurized to 4,500 pascals (450 mm of water). This capability is to be demonstrated using the pressure test procedure specified in Method 27.**

[48 FR 37590, Aug. 18, 1983, as amended at 65 FR 61763, Oct. 17, 2000; 68 FR 70965, Dec. 19, 2003]

**§ 60.502 Standard for Volatile Organic Compound (VOC) emissions from bulk gasoline terminals.**

**On and after the date on which §60.8(a) requires a performance test to be completed, the owner or operator of each bulk gasoline terminal containing an affected facility shall comply with the requirements of this section.**

**(a) Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.**

**(b) The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded, except as noted in paragraph (c) of this section.**

**(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 owner or operator shall obtain the vapor tightness documentation described in §60.505(b) for each gasoline tank truck which is to be loaded at the affected facility.**

**(2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.**

**(3)(i) The owner or operator shall cross-check each tank identification number obtained in paragraph (e)(2) of this section with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:**

**(A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or**

**(B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.**

**(ii) If either the quarterly or semiannual cross-check provided in paragraphs (e)(3)(i) (A) through (B) of this section reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.**

**(4) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in paragraph (e)(3) of this section.**

**(5) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.**

**(6) Alternate procedures to those described in paragraphs (e)(1) through (5) of this section for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.**

**(f) The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.**

**(g) The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples 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 delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in §60.503(d).**

**(i) 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).**

**(j) Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.**

[48 FR 37590, Aug. 18, 1983; 48 FR 56580, Dec. 22, 1983, as amended at 54 FR 6678, Feb. 14, 1989; 64 FR 7466, Feb. 12, 1999]

#### **§ 60.503 Test methods and procedures.**

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

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

**(c) The owner or operator shall determine compliance with the standards in §60.502 (b) and (c) as follows:**

**(1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.**

**(2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at**

**least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.**

**(3) The emission rate (E) of total organic compounds shall be computed using the following equation:**

$$E = K \sum_{i=1}^n (V_{esi} C_{ei}) / (L 10^6)$$

**where:**

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

**V<sub>esi</sub>=volume of air-vapor mixture exhausted at each interval "i", scm.**

**C<sub>ei</sub>=concentration of total organic compounds at each interval "i", ppm.**

**L=total volume of gasoline loaded, liters.**

**n=number of testing intervals.**

**i=emission testing interval of 5 minutes.**

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

**(4) The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (V<sub>esi</sub>) and the corresponding average total organic compounds concentration (C<sub>ei</sub>) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.**

**(5) The following methods shall be used to determine the volume (V<sub>esi</sub>) air-vapor mixture exhausted at each interval:**

**(i) Method 2B shall be used for combustion vapor processing systems.**

**(ii) Method 2A shall be used for all other vapor processing systems.**

**(6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C<sub>ei</sub>) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.**

**(7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.**

**(d) The owner or operator shall determine compliance with the standard in §60.502(h) as follows:**

**(1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ±2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.**

**(2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.**

**(e) The performance test requirements of paragraph (c) of this section do not apply to flares defined in §60.501 and meeting the requirements in §60.18(b) through (f). The owner or operator shall demonstrate that the flare and associated vapor collection system is in compliance with the requirements in §§60.18(b) through (f) and 60.503(a), (b), and (d).**

**(f) The owner or operator shall use alternative test methods and procedures in accordance with the alternative test method provisions in §60.8(b) for flares that do not meet the requirements in §60.18(b).**

[54 FR 6678, Feb. 14, 1989; 54 FR 21344, Feb. 14, 1989, as amended at 68 FR 70965, Dec. 19, 2003]

**§ 60.505 Reporting and recordkeeping.**

**(a) The tank truck vapor tightness documentation required under §60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection.**

**(b) The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:**

**(1) Test title: Gasoline Delivery Tank Pressure Test—EPA Reference Method 27.**

**(2) Tank owner and address.**

**(3) Tank identification number.**

**(4) Testing location.**

**(5) Date of test.**

**(6) Tester name and signature.**

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

**(8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).**

**(c) A record of each monthly leak inspection required under §60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information:**

**(1) Date of inspection.**

**(2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).**

**(3) Leak determination method.**

**(4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).**

**(5) Inspector name and signature.**

**(d) The terminal owner or operator shall keep documentation of all notifications required under §60.502(e)(4) on file at the terminal for at least 2 years.**

**(e) As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraphs (a), (c), and (d) of this section, an owner or operator may comply with the requirements in either paragraph (e)(1) or (2) of this section.**

**(1) An electronic copy of each record is instantly available at the terminal.**

(i) The copy of each record in paragraph (e)(1) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with paragraph (e)(1) of this section.

(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading ( e.g., via a card lock-out system), a copy of the documentation is made available ( e.g., via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame.

(i) The copy of each record in paragraph (e)(2) of this section is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with paragraph (e)(2) of this section.

(f) The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.

[48 FR 37590, Aug. 18, 1983; 48 FR 56580, Dec. 22, 1983, as amended at 68 FR 70965, Dec. 19, 2003]

## SECTION E.2

## NSPS

### Facility Description [326 IAC 2-7-5(15)]: Tanks 72 and 73

- (a) One (1) storage tank, identified as Tank 72, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 620,300 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.
- (b) One (1) storage tank, identified as Tank 73, installed in 1953, approved to be modified in 2007 to install an internal floating roof and to disconnect from the Tank 76/VRU system, with a maximum capacity of 993,500 gallons of gasoline or distillates, subject to the provisions of 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984.

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

### E.2.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for Tank 72 and Tank 73 except as otherwise specified in 40 CFR Part 60, Subpart Kb.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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**

**E.2.2 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 Requirements [40 CFR Part 60, Subpart Kb]**  

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**Pursuant to 40 CFR Part 60, Subpart Kb, the Permittee shall comply with the provisions of 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 as follows:**

**New Source Performance Standards for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984**

**Source: 52 FR 11429, Apr. 8, 1987, unless otherwise noted.**

**§ 60.110b Applicability and designation of affected facility.**

**(a) Except as provided in paragraph (b) of this section, the affected facility to which this subpart applies is each storage vessel with a capacity greater than or equal to 75 cubic meters (m<sup>3</sup>) that is used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after July 23, 1984.**

**(e) Alternative means of compliance —(1) Option to comply with part 65. Owners or operators may choose to comply with 40 CFR part 65, subpart C, to satisfy the requirements of §§60.112b through 60.117b for storage vessels that are subject to this subpart that meet the specifications in paragraphs (e)(1)(i) and (ii) of this section. When choosing to comply with 40 CFR part 65, subpart C, the monitoring requirements of §60.116b(c), (e), (f)(1), and (g) still apply. Other provisions applying to owners or operators who choose to comply with 40 CFR part 65 are provided in 40 CFR 65.1.**

**(i) A storage vessel with a design capacity greater than or equal to 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa; or**

**(ii) A storage vessel with a design capacity greater than 75 m<sup>3</sup> but less than 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa.**

**(2) Part 60, subpart A. Owners or operators who choose to comply with 40 CFR part 65, subpart C, must also comply with §§60.1, 60.2, 60.5, 60.6, 60.7(a)(1) and (4), 60.14, 60.15, and 60.16 for those storage vessels. All sections and paragraphs of subpart A of this part that are not mentioned in this paragraph (e)(2) do not apply to owners or operators of storage vessels complying with 40 CFR part 65, subpart C, except that provisions required to be met prior to implementing 40 CFR part 65 still apply. Owners and operators who choose to comply with 40 CFR part 65, subpart C, must comply with 40 CFR part 65, subpart A.**

**(3) Internal floating roof report. If an owner or operator installs an internal floating roof and, at initial startup, chooses to comply with 40 CFR part 65, subpart C, a report shall be furnished to the Administrator stating that the control equipment meets the specifications of 40 CFR 65.43. This report shall be an attachment to the notification required by 40 CFR 65.5(b).**

**(4) External floating roof report. If an owner or operator installs an external floating roof and, at initial startup, chooses to comply with 40 CFR part 65, subpart C, a report shall be furnished to the Administrator stating that the control equipment meets the specifications of 40 CFR 65.44. This report shall be an attachment to the notification required by 40 CFR 65.5(b).**

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989; 65 FR 78275, Dec. 14, 2000; 68 FR 59332, Oct. 15, 2003]

**§ 60.111b Definitions.**

Terms used in this subpart are defined in the Act, in subpart A of this part, or in this subpart as follows:

**Bulk gasoline plant means any gasoline distribution facility that has a gasoline throughput less than or equal to 75,700 liters per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under Federal requirement or Federal, State or local law, and discoverable by the Administrator and any other person.**

**Condensate means hydrocarbon liquid separated from natural gas that condenses due to changes in the temperature or pressure, or both, and remains liquid at standard conditions.**

**Custody transfer means the transfer of produced petroleum and/or condensate, after processing and/or treatment in the producing operations, from storage vessels or automatic transfer facilities to pipelines or any other forms of transportation.**

**Fill means the introduction of VOL into a storage vessel but not necessarily to complete capacity.**

**Gasoline service station means any site where gasoline is dispensed to motor vehicle fuel tanks from stationary storage tanks.**

**Maximum true vapor pressure means the equilibrium partial pressure exerted by the volatile organic compounds (as defined in 40 CFR 51.100) in the stored VOL at the temperature equal to the highest calendar-month average of the VOL storage temperature for VOL's stored above or below the ambient temperature or at the local maximum monthly average temperature as reported by the National Weather Service for VOL's stored at the ambient temperature, as determined:**

- (1) In accordance with methods described in American Petroleum institute Bulletin 2517, Evaporation Loss From External Floating Roof Tanks, (incorporated by reference—see §60.17); or**
- (2) As obtained from standard reference texts; or**
- (3) As determined by ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17);**
- (4) Any other method approved by the Administrator.**

**Petroleum means the crude oil removed from the earth and the oils derived from tar sands, shale, and coal.**

**Petroleum liquids means petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery.**

**Process tank means a tank that is used within a process (including a solvent or raw material recovery process) to collect material discharged from a feedstock storage vessel or equipment within the process before the material is transferred to other equipment within the process, to a product or by-product storage vessel, or to a vessel used to store recovered solvent or raw material. In many process tanks, unit operations such as reactions and blending are conducted. Other process tanks, such as surge control vessels and bottoms receivers, however, may not involve unit operations.**

**Reid vapor pressure means the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids except liquified petroleum gases, as determined by ASTM D323–82 or 94 (incorporated by reference—see §60.17).**

**Storage vessel means each tank, reservoir, or container used for the storage of volatile organic liquids but does not include:**

- (1) Frames, housing, auxiliary supports, or other components that are not directly involved in the containment of liquids or vapors;**
- (2) Subsurface caverns or porous rock reservoirs; or**
- (3) Process tanks.**

**Volatile organic liquid (VOL) means any organic liquid which can emit volatile organic compounds (as defined in 40 CFR 51.100) into the atmosphere.**

**Waste means any liquid resulting from industrial, commercial, mining or agricultural operations, or from community activities that is discarded or is being accumulated, stored, or physically, chemically, or biologically treated prior to being discarded or recycled.**

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989; 65 FR 61756, Oct. 17, 2000; 68 FR 59333, Oct. 15, 2003]

**§ 60.112b Standard for volatile organic compounds (VOC).**

**(a) The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> containing a VOL that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa, shall equip each storage vessel with one of the following:**

**(1) A fixed roof in combination with an internal floating roof meeting the following specifications:**

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

**(ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:**

**(A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.**

**(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.**

**(C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.**

**(iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.**

**(iv) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except**

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

**(v) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.**

**(vi) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.**

**(vii) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.**

**(viii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.**

**(ix) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.**

**[52 FR 11429, Apr. 8, 1987, as amended at 62 FR 52641, Oct. 8, 1997]**

**§ 60.113b Testing and procedures.**

**The owner or operator of each storage vessel as specified in §60.112b(a) shall meet the requirements of paragraph (a), (b), or (c) of this section. The applicable paragraph for a particular storage vessel depends on the control equipment installed to meet the requirements of §60.112b.**

**(a) After installing the control equipment required to meet §60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:**

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

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

**(3) For vessels equipped with a double-seal system as specified in §60.112b(a)(1)(ii)(B):**

**(i) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years;  
or**

**(ii) Visually inspect the vessel as specified in paragraph (a)(2) of this section.**

**(4) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from**

the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.

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

[52 FR 11429, Apr. 8, 1987, as amended at 54 FR 32973, Aug. 11, 1989]

**§ 60.114b Alternative means of emission limitation.**

(a) If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in emissions at least equivalent to the reduction in emissions achieved by any requirement in §60.112b, the Administrator will publish in the Federal Register a notice permitting the use of the alternative means for purposes of compliance with that requirement.

(b) Any notice under paragraph (a) of this section will be published only after notice and an opportunity for a hearing.

(c) Any person seeking permission under this section shall submit to the Administrator a written application including:

(1) An actual emissions test that uses a full-sized or scale-model storage vessel that accurately collects and measures all VOC emissions from a given control device and that accurately simulates wind and accounts for other emission variables such as temperature and barometric pressure.

(2) An engineering evaluation that the Administrator determines is an accurate method of determining equivalence.

(d) The Administrator may condition the permission on requirements that may be necessary to ensure operation and maintenance to achieve the same emissions reduction as specified in §60.112b.

**§ 60.115b Reporting and recordkeeping requirements.**

The owner or operator of each storage vessel as specified in §60.112b(a) shall keep records and furnish reports as required by paragraphs (a), (b), or (c) of this section depending upon the control equipment installed to meet the requirements of §60.112b. The owner or operator shall keep copies of all reports and records required by this section, except for the record required by (c)(1), for at least 2 years. The record required by (c)(1) will be kept for the life of the control equipment.

(a) After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall meet the following requirements.

(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).

**(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).**

**(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.**

**(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in §60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §61.112b(a)(1) or §60.113b(a)(3) and list each repair made.**

**§ 60.116b Monitoring of operations.**

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

**(b) The owner or operator of each storage vessel as specified in §60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.**

**(c) Except as provided in paragraphs (f) and (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.**

**(d) Except as provided in paragraph (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m<sup>3</sup> but less than 151 m<sup>3</sup> storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.**

**(e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.**

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

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

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

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

**(3) For other liquids, the vapor pressure:**

**(i) May be obtained from standard reference texts, or**

**(ii) Determined by ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17); or**

**(iii) Measured by an appropriate method approved by the Administrator; or**

**(iv) Calculated by an appropriate method approved by the Administrator.**

**(f) The owner or operator of each vessel storing a waste mixture of indeterminate or variable composition shall be subject to the following requirements.**

**(1) Prior to the initial filling of the vessel, the highest maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in paragraph (e) of this section.**

**(2) For vessels in which the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in §60.112b(a), an initial physical test of the vapor pressure is required; and a physical test at least once every 6 months thereafter is required as determined by the following methods:**

**(i) ASTM D2879–83, 96, or 97 (incorporated by reference—see §60.17); or**

**(ii) ASTM D323–82 or 94 (incorporated by reference—see §60.17); or**

**(iii) As measured by an appropriate method as approved by the Administrator.**

**(g) The owner or operator of each vessel equipped with a closed vent system and control device meeting the specification of §60.112b or with emissions reductions equipment as specified in 40 CFR 65.42(b)(4), (b)(5), (b)(6), or (c) is exempt from the requirements of paragraphs (c) and (d) of this section.**

[52 FR 11429, Apr. 8, 1987, as amended at 65 FR 61756, Oct. 17, 2000; 65 FR 78276, Dec. 14, 2000; 68 FR 59333, Oct. 15, 2003]

**§ 60.117b Delegation of authority.**

**(a) In delegating implementation and enforcement authority to a State under section 111(c) of the Act, the authorities contained in paragraph (b) of this section shall be retained by the Administrator and not transferred to a State.**

**(b) Authorities which will not be delegated to States: §§60.111b(f)(4), 60.114b, 60.116b(e)(3)(iii), 60.116b(e)(3)(iv), and 60.116b(f)(2)(iii).**

[52 FR 11429, Apr. 8, 1987, as amended at 52 FR 22780, June 16, 1987]

### **SECTION E.3**

### **NSPS**

**Facility Description [326 IAC 2-7-5(15)]: Tank 82**

**(a) One (1) storage tank, identified as Tank 82, installed in April 1978, capacity: 4,045,300 gallons of gasoline or distillates.**

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

**E.3.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]**

(a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1, apply to Tank 82, except when otherwise specified in 40 CFR Part 60 Subpart K.

(b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

**E.3.2 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 [40 CFR Part 60, Subpart K]**

Pursuant to 40 CFR Part 60, Subpart K, the Permittee shall comply with the provisions of 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 as follows:

**New Source Performance Standards for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978**

**§ 60.110 Applicability and designation of affected facility.**

(a) Except as provided in §60.110(b), the affected facility to which this subpart applies is each storage vessel for petroleum liquids which has a storage capacity greater than 151,412 liters (40,000 gallons).

(b) This subpart does not apply to storage vessels for petroleum or condensate stored, processed, and/or treated at a drilling and production facility prior to custody transfer.

(c) Subject to the requirements of this subpart is any facility under paragraph (a) of this section which:

(1) Has a capacity greater than 151, 416 liters (40,000 gallons), but not exceeding 246,052 liters (65,000 gallons), and commences construction or modification after March 8, 1974, and prior to May 19, 1978.

(2) Has a capacity greater than 246,052 liters (65,000 gallons) and commences construction or modification after June 11, 1973, and prior to May 19, 1978.

[42 FR 37937, July 25, 1977, as amended at 45 FR 23379, Apr. 4, 1980]

**§ 60.111 Definitions.**

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) Storage vessel means any tank, reservoir, or container used for the storage of petroleum liquids, but does not include:

- (1) Pressure vessels which are designed to operate in excess of 15 pounds per square inch gauge without emissions to the atmosphere except under emergency conditions,**
- (2) Subsurface caverns or porous rock reservoirs, or**
- (3) Underground tanks if the total volume of petroleum liquids added to and taken from a tank annually does not exceed twice the volume of the tank.**
- (b) Petroleum liquids means petroleum, condensate, and any finished or intermediate products manufactured in a petroleum refinery but does not mean Nos. 2 through 6 fuel oils as specified in ASTM D396–78, 89, 90, 92, 96, or 98, gas turbine fuel oils Nos. 2–GT through 4–GT as specified in ASTM D2880–78 or 96, or diesel fuel oils Nos. 2–D and 4–D as specified in ASTM D975–78, 96, or 98a. (These three methods are incorporated by reference—see §60.17.)**
- (c) Petroleum refinery means each facility engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, or other products through distillation of petroleum or through redistillation, cracking, extracting, or reforming of unfinished petroleum derivatives.**
- (d) Petroleum means the crude oil removed from the earth and the oils derived from tar sands, shale, and coal.**
- (e) Hydrocarbon means any organic compound consisting predominantly of carbon and hydrogen.**
- (f) Condensate means hydrocarbon liquid separated from natural gas which condenses due to changes in the temperature and/or pressure and remains liquid at standard conditions.**
- (g) Custody transfer means the transfer of produced petroleum and/or condensate, after processing and/or treating in the producing operations, from storage tanks or automatic transfer facilities to pipelines or any other forms of transportation.**
- (h) Drilling and production facility means all drilling and servicing equipment, wells, flow lines, separators, equipment, gathering lines, and auxiliary nontransportation-related equipment used in the production of petroleum but does not include natural gasoline plants.**
- (i) True vapor pressure means the equilibrium partial pressure exerted by a petroleum liquid as determined in accordance with methods described in American Petroleum Institute Bulletin 2517, Evaporation Loss from External Floating-Roof Tanks, Second Edition, February 1980 (incorporated by reference—see §60.17).**
- (j) Floating roof means a storage vessel cover consisting of a double deck, pontoon single deck, internal floating cover or covered floating roof, which rests upon and is supported by the petroleum liquid being contained, and is equipped with a closure seal or seals to close the space between the roof edge and tank wall.**
- (k) Vapor recovery system means a vapor gathering system capable of collecting all hydrocarbon vapors and gases discharged from the storage vessel and a vapor disposal system capable of processing such hydrocarbon vapors and gases so as to prevent their emission to the atmosphere.**
- (l) Reid vapor pressure is the absolute vapor pressure of volatile crude oil and volatile nonviscous petroleum liquids, except liquified petroleum gases, as determined by ASTM D323–82 or 94 (incorporated by reference—see §60.17).**

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 39 FR 20794, June 14, 1974; 45 FR 23379, Apr. 4, 1980; 48 FR 3737, Jan. 27, 1983; 52 FR 11429, Apr. 8, 1987; 65 FR 61755, Oct. 17, 2000]

**§ 60.112 Standard for volatile organic compounds (VOC).**

**(a) The owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follows:**

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

[39 FR 9317, Mar. 8, 1974; 39 FR 13776, Apr. 17, 1974, as amended at 45 FR 23379, Apr. 4, 1980]

**§ 60.113 Monitoring of operations.**

**(a) Except as provided in paragraph (d) of this section, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.**

**(b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).**

**(c) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.0 psia) or whose physical properties preclude determination by the recommended method is to be determined from available data and recorded if the estimated true vapor pressure is greater than 6.9 kPa (1.0 psia).**

**(d) The following are exempt from the requirements of this section:**

**(1) Each owner or operator of each affected facility which stores petroleum liquids with a Reid vapor pressure of less than 6.9 kPa (1.0 psia) provided the maximum true vapor pressure does not exceed 6.9 kPa (1.0 psia).**

**(2) Each owner or operator of each affected facility equipped with a vapor recovery and return or disposal system in accordance with the requirements of §60.112.**

[45 FR 23379, Apr. 4, 1980]

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

Source Name: Countrymark Cooperative, LLP  
Source Address: **17710** ~~47440~~ Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: **17710** ~~47440~~ Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008

...

**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**

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Countrymark Cooperative, LLP  
Source Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008

...

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

**Part 70 Quarterly Report**

Source Name: Countrymark Cooperative, LLP  
Source Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Tanks ~~72, 73,~~ and 77  
Parameter: Gasoline Throughput  
Limit: ~~404,847,825~~ **Less than 75,753,824** gallons total per twelve (12) consecutive month period with compliance determined at the end of each month

...

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

**Part 70 Quarterly Report**

Source Name: Countrymark Cooperative, LLP  
Source Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: **17710 47440** Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Loading Rack **Bay #2 & 3**  
Parameter: Gasoline Throughput  
Limit: **Less than 319,728,051** ~~320,000,000~~ gallons per twelve (12) consecutive month period with compliance determined at the end of each month

...

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

**Part 70 Quarterly Report**

Source Name: Countrymark Cooperative, LLP  
Source Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: 17710 Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Loading Rack Bay #1  
Parameter: Gasoline Throughput  
Limit: Less than 199,972,751 gallons per twelve (12) consecutive month period with compliance determined at the end of each month

...

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

**Part 70 Quarterly Report**

Source Name: Countrymark Cooperative, LLP  
Source Address: ~~17710 47440~~ Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: ~~17710 47440~~ Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008  
Facility: Tank 83  
Parameter: Throughput of Additives  
Limit: ~~Less than 7,974,860 gallons per twelve (12) consecutive month period with compliance determined at the end of each month to render the requirements of 326 IAC 2-2 not applicable.~~  
~~4,984,288 gallons per twelve (12) consecutive month period with compliance determined at the end of each month to render the requirements of 326 IAC 8-1-6 not applicable.~~

...

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION  
PART 70 OPERATING PERMIT  
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Countrymark Cooperative, LLP  
Source Address: ~~17710 47440~~ Mule Barn Road, Westfield, Indiana 46074  
Mailing Address: ~~17710 47440~~ Mule Barn Road, Westfield, Indiana 46074  
Part 70 Permit No.: 057-16575-00008

...

### **Conclusion and Recommendation**

The construction of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 057-25021-00008 and Significant Permit Modification No. 057-25062-00008. The staff recommend to the Commissioner that this Part 70 Minor Source Modification and Significant Permit Modification be approved.

## Appendix A: Emissions Calculations

Company Name: Countrymark Cooperative, LLP

Address: 17710 Mule Barn Road, Westfield, Indiana 46074

Permit No.: MSM: 057-25021-00008, SPM: 057-25062-00008

Reviewer: Laura Spriggs

Date: August 24, 2007

**PTE of New and Modified Units****LOADING RACK BAY #1****VOCs - Loading Rack Bay #1 Only**

	Working Throughput (kgal/hr)	Emission Factor (lb/kgal)	VOC Control Efficiency	Uncontrolled Potential Emissions (tons/yr)	Controlled Potential Emissions (tons/yr)
Loading Rack Bay #1 - VOCs	23.8000	5.0000	95%	521.2	26.1

\*Uncontrolled Potential Emissions (tons/yr) = Working Throughput (kgal/hr) \* Emission Factor (lb/kgal) \* (8760 hr / yr) \* (1 ton / 2000 lb)

\*Controlled Potential Emissions (tons/yr) = Uncontrolled Potential Emissions (tons/yr) \* (1-Control Efficiency)

\*The Emission Factor is for gasoline, which represents the worst case loading scenario. The Emission Factor is from AP-42, Table 5-2.5.

*The Source will limit the throughput of gasoline to Loading Rack Bay #1 so that the PTE of VOC from the total project modification is less than 25 tons per year.***Limit on Gasoline Throughput - Loading Rack Bay #1**

VOC Emission Limitation (tons/yr)	25.0
Total Potential Throughput for Gasoline and/or Distillates (kgal/hr)	23.80
Emission Factor - Gasoline, EF <sub>gasoline</sub> (lbs/kgal)	5.00
Emission Factor - Distillate, EF <sub>distillates</sub> (lbs/kgal)	0.016
Control Efficiency	95%
Limited Throughput of Gasoline, Q <sub>G</sub> (kgal/hr)	22.8
<b>Limited Throughput of Gasoline (kgal/yr)</b>	<b>199972.751</b>

\*VOC Emission Limitation (tons/yr) = (8760 hr / yr) \* (1 ton / 2000 lb) \* (1-Control Efficiency) \* [EF<sub>gasoline</sub> (lbs/kgal) \* Q<sub>G</sub> + EF<sub>distillates</sub> (lbs/kgal) \* (70 kgal/hr - Q<sub>G</sub>)]

\*The Emission Factor for distillates is from AP-42, Table 5-2.5.

**HAPs - Loading Rack Bay #1 Only**

Mass Fraction of VOC Emissions		Benzene	Ethyl Benzene	Hexane	Toluene	Xylenes	Naphthalene	Total
		0.003	0.0003	0.007	0.005	0.002	0.00004	<b>HAPs</b>
Loading Rack Bay #1 - HAPs	Uncontrolled Potential Emissions (tons/yr)	1.564	0.156	3.649	2.606	1.042	0.021	9.038
	Controlled Potential Emissions (tons/yr)	0.078	0.008	0.182	0.130	0.052	0.001	0.452
	Controlled and Limited Potential Emissions (tons/yr)	0.075	0.008	0.175	0.125	0.050	0.001	<b>0.434</b>

\*For each HAP, Potential Emissions (tons/yr) = HAP Mass Fraction (pound HAP/pound VOC) \* Potential VOC Emissions (tons/yr)

\*Total HAPs (tons/yr) = Sum of the Potential Emissions of Each HAP (tons/yr)

\*The vapor mass fractions of HAPs were determined using the TANKS program based on the liquid HAP content for gasolines at Countrymark. Note: These are different mass fractions than were used in Part 70 Operating Permit No. 057-7976-00008, issued June 6, 1998 and Part 70 Operating Permit Renewal No. 057-16575-00008.

**Tanks 72 and 73 - Before and After Modification****VOCs - Tanks 72 and 73**

Process	Standing Configuration					Working Configuration						
	Standing Throughput (kgal/hr)	Emission Factor (lb/kgal)	VOC Control	Uncontrolled Potential Emissions (tons/yr)	Controlled Potential Emissions (tons/yr)	Working Throughput (kgal/hr)	Emission Factor (lb/kgal)	VOC Control	Uncontrolled Potential Emissions (tons/yr)	Controlled Potential Emissions (tons/yr)	Limit (kgal/yr)	Limited and Controlled Potential Emissions (tons/yr)
Tank 77				0.0000	0.0000	44.1000	9.6000	0%	1854.3168	1854.3168	104847.825	503.2696
Tank 72 - Before Modification	620.3	0.00350	100%	9.5092	0.0000	44.1000	10.0000	4%	1931.5800	1854.3168	104847.825	503.2696
Tank 73 - Before Modification	993.5	0.00350	100%	15.2304	0.0000	44.1000	10.0000	4%	1931.5800	1854.3168	104847.825	503.2696
Tank 77				0.0000	0.0000	44.1000	9.6000	0.0000	1854.3168	1854.3168	75753.824	363.6184
Tank 72 - After Modification	620.3	0.00079	0%	2.1382	2.1382	44.1000	0.0039	0%	0.7437	0.7437	N/A	0.7437
Tank 73 - After Modification	993.5	0.00088	0%	3.8380	3.8380	44.1000	0.0031	0%	0.6065	0.6065	N/A	0.6065

\*Uncontrolled Potential Emissions (tons/yr) = Throughput (kgal/hr) \* Emission Factor (lb/kgal) \* (8760 hr / yr) \* (1 ton / 2000 lb)

\*Controlled Potential Emissions (tons/yr) = Uncontrolled Potential Emissions (tons/yr) \* (1-Control Efficiency)

\*Limited and Controlled Potential Emissions (tons/yr) = Limit (kgal/yr) \* Emission Factor (lb/kgal) \* (1-Control Efficiency) \* (1 ton / 2000 lb)

\*The Emission Factors are for gasoline, which represents the worst case scenario. The Emission Factors are calculated from AP-42 methods for Organic Liquid Storage Tanks (Chapter 7).

\*Before the modification, the total input of gasoline to Tanks 72, 73, and 77 was limited to 104,847,825 gallons per twelve (12) consecutive month period. The limit is being removed from Tanks 72 and 73 and a new limit of 75,753,824 gallons of gasoline per twelve (12) consecutive month period is applied to Tank 77 only.

**HAPs - Tanks 72 and 73**

		Benzene	Ethyl Benzene	Hexane	Toluene	Xylenes	Naphthalene	2,2,4-Trimethylpentane	Total HAPs
Mass Fraction of VOC Emissions (lb HAP/lb VOC)	Previous Mass Fractions	0.00403	0.00194	0.0079	0.01167	0.01127	0.00056	0.00333	
	New Mass Fractions	0.003	0.0003	0.007	0.005	0.002	0.00004	N/A	
Standing - Before Modification	Tank 77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	Tank 72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	Tank 73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Working - Before Modification	Tank 77	2.0282	0.9763	3.9758	5.8732	5.6718	0.2818	1.6759	20.4831
	Tank 72	2.0282	0.9763	3.9758	5.8732	5.6718	0.2818	1.6759	20.4831
	Tank 73	2.0282	0.9763	3.9758	5.8732	5.6718	0.2818	1.6759	20.4831
Standing - After Modification	Tank 77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000
	Tank 72	0.0064	0.0006	0.0150	0.0107	0.0043	0.0001	N/A	0.0371
	Tank 73	0.0115	0.0012	0.0269	0.0192	0.0077	0.0002	N/A	0.0666
Working - After Modification	Tank 77	1.0909	0.1091	2.5453	1.8181	0.7272	0.0145	N/A	6.3051
	Tank 72	0.0022	0.0002	0.0052	0.0037	0.0015	0.0000	N/A	0.0129
	Tank 73	0.0018	0.0002	0.0042	0.0030	0.0012	0.0000	N/A	0.0105
Worst Case Individual HAPs After Modification		1.11	0.11	2.59	1.85	0.74	0.01		

\*For each HAP, Potential Emissions (tons/yr) = HAP Mass Fraction \* Potential VOC Emissions (tons/yr)

\*Calculations were made using controlled and limited Potential VOC Emissions because the control and limit are federally enforceable requirements.

\*Total HAPs (tons/yr) = Sum of the Potential Emissions of Each HAP (tons/yr)

\*HAPs calculations for before modification were made using the HAP vapor mass fractions used in previously issued permits.

\*The vapor mass fractions of HAPs for the after modification calculations were determined using the TANKS program based on the liquid HAP content for gasolines at Countrymark. Note: These are different mass fractions than were used in Part 70 Operating Permit No. 057-7976-00008, issued June 6, 1998 and Part 70 Operating Permit Renewal No. 057-16575-00008.

\*Worst Case Individual HAP After Modification = For each HAP: Worst Case Working Loss from Tanks 72, 73, or 77 + Total Standing Loss from Tanks 72, 73, and 77

**PTE Before and After Modification - Tanks 72 and 73**

	PTE (tons/yr)		
	Before Modification	After Modification	Difference
VOCs	503.3	369.6	-133.7
Total HAPs	20.5	6.4	-14.1

\*In the existing permit, there is a federally enforceable limit on the total throughput of gasoline to Tanks 72, 73, and 77; therefore, the potential emissions from all three tanks are considered for the PTE before and after the modification.

\*PTE for VOCs = Sum of Standing Controlled Potential Emissions for Tanks 72, 73, and 77 + Worst Case Working Limited and Controlled Potential Emissions from Tanks 72, 73, or 77

\*PTE for HAPs = Sum of Standing Total HAPs for Tanks 72, 73, and 77 + Worst Case Total HAPs from Tanks 72, 73, or 77

**Existing Loading Rack Bay #2 & 3 Limited Throughput Recalculation**

**Potential Emissions of Existing Loading Rack with 2 Bays with Limit Established in Part 70 Permit Renewal No. 057-16575-00008, issued 9/2/2003**

Current Permit Gasoline Limited Throughput (kgal/yr)	320000	
Current Permit Gasoline Limited Throughput (kgal/hr)	36.5	
Total Potential Throughput for three lanes (kgal/hr)	46.2	
Available Throughput for Distillates Assuming Max Gasoline Throughput (kgal/hr)	9.7	Loading rack has the capability of loading gasoline and distillates at the same time.
Emission Factor - Gasoline (lbs/kgal)	5	From Table 5.2-5, AP-42.
Emission Factor - Distillate (lbs/kgal)	0.016	From Table 5.2-5, AP-42 - EF for kerosene is used as the worst case for distillates.
Control Efficiency	95%	
Potential Emissions - Controlled/Unlimited (tons/yr)	50.589	
<b>Potential Emissions - Controlled and Limited (tons/yr)</b>	<b>40.03</b>	$= (1 - \text{Control Efficiency}) * (EF_{\text{gasoline}} * \text{Throughput}_{\text{gasoline}} + EF_{\text{distillates}} * \text{Throughput}_{\text{distillates}}) * (8760 \text{ hr / yr}) * (1 \text{ ton} / 2000 \text{ lb})$

*This exceeds the 40 tpy allowed for the loading rack*

**Recalculation of Limited Throughput for Existing Loading Rack Bay #2 & 3 to Keep Potential Emissions Less than 40 tons/yr**

VOC Permit Emission Limitation (tons/yr)	40.00
Total Potential Throughput for Gasoline and/or Distillates (kgal/hr)	46.20
Emission Factor - Gasoline, $EF_{\text{gasoline}}$ (lbs/kgal)	5.00
Emission Factor - Distillate, $EF_{\text{distillates}}$ (lbs/kgal)	0.016
Control Efficiency	95%
New Limited Throughput of Gasoline, $Q_G$ (kgal/hr)	36.5
<b>New Limited Throughput of Gasoline (kgal/yr)</b>	<b>319728.051</b>

$$40 \text{ tons/yr} = (8760 \text{ hr / yr}) * (1 \text{ ton} / 2000 \text{ lb}) * (1 - \text{Control Efficiency}) * [EF_{\text{gasoline}} (\text{lbs/kgal}) * Q_G + EF_{\text{distillates}} (\text{lbs/kgal}) * (70 \text{ kgal/hr} - Q_G)]$$

## Overall Source VOC Emissions After Modifications

Process	Standing Configuration					Working Configuration								Control/Limit
	Standing Throughput (kgal/hr)	Emission Factor (lb/kgal)	VOC Control	Uncontrolled Potential Emissions (tons/yr)	Controlled Potential Emissions (tons/yr)	Working Throughput (kgal/hr)	Emission Factor (lb/kgal)	VOC Control	Uncontrolled (Unlimited) Potential Emissions (tons/yr)	Controlled (Unlimited) Potential Emissions (tons/yr)	Limit (kgal/yr)	Limited and Uncontrolled Potential Emissions (tons/yr)	Limited and Controlled Potential Emissions (tons/yr)	
Loading Rack Bay #2 & 3 - gasoline						46.2000	5.0000	95%	1011.7800	50.5890	319728.051	799.320128	39.9660	limit and control
Loading Rack Bay #2 & 3 - distillate							0.0160	95%			84983.9486	0.67987159	0.0340	control
Loading Rack Bay #1 - gasoline						23.8000	5.0000	95%	521.2200	26.0610	199972.751	499.931878	24.9966	limit and control
Loading Rack Bay #1 - distillates							0.0160	95%			8515.249	0.06812199	0.0034	control
Tank 69	84.4	0.00033	0%	0.1220	0.1220	0.7500	0.6600	0%	2.1681	2.1681	N/A	2.1681	2.1681	
Tank 70	414.3	0.00350	0%	6.3512	6.3512	0.0400	10.0000	0%	1.7520	1.7520	N/A	1.7520	1.7520	
Tank 71	620.3	0.00005	0%	0.1358	0.1358	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 72	620.3	0.00079	0%	2.1382	2.1382	44.1000	0.0039	0%	0.7437	0.7437	N/A	0.7437	0.7437	(no limit)
Tank 73	993.5	0.00088	0%	3.8380	3.8380	44.1000	0.0031	0%	0.6065	0.6065	N/A	0.6065	0.6065	(no limit)
Tank 74	993.5	0.00005	0%	0.2176	0.2176	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 75	993.5	0.00005	0%	0.2176	0.2176	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 76				0.0000	0.0000	44.1000	9.6000	95%	1854.3168	92.7158	N/A	1854.3168	92.7158	control
Tank 77				0.0000	0.0000	44.1000	9.6000	0%	1854.3168	1854.3168	75753.824	363.6184	363.6184	new limit for 85% overall source VOC control
Tank 78	2235.4	0.00005	0%	0.4896	0.4896	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 79	2235.4	0.00005	0%	0.4896	0.4896	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 80	2235.4	0.00005	0%	0.4896	0.4896	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 81	2290.0	0.00005	0%	0.5015	0.5015	44.1000	0.0300	0%	5.7947	5.7947	N/A	5.7947	5.7947	
Tank 82	4045.3	0.00210	0%	37.2087	37.2087	44.1000	0.0019	0%	0.3670	0.3670	N/A	0.3670	0.3670	
Tank 83	8.2	0.00350	0%	0.1257	0.1257	2.6900	10.0000	0%	117.8220	117.8220	7974.860	39.8743	39.8743	limit
Tank S1	2.9	0.00350	0%	0.0445	0.0445	0.4800	10.0000	0%	21.0240	21.0240	N/A	21.0240	21.0240	
Tank S2	2.9	0.00005	0%	0.0006	0.0006	0.9600	0.0300	0%	0.1261	0.1261	N/A	0.1261	0.1261	
Tank S3	1.4	0.00005	0%	0.0003	0.0003	1.8000	0.0300	0%	0.2365	0.2365	N/A	0.2365	0.2365	
Maintenance	2.0	0.00005	0%	0.0004	0.0004	0.0040	0.0300	0%	0.0005	0.0005	N/A	0.0005	0.0005	
Office Fuel	3.0	0.00005	0%	0.0007	0.0007	0.0150	0.0300	0%	0.0020	0.0020	N/A	0.0020	0.0020	
Cetane Tank	1.0	0.00005	0%	0.0002	0.0002	0.0990	0.0300	0%	0.0130	0.0130	N/A	0.0130	0.0130	
Steamer Tank	0.3	0.00005	0%	0.0001	0.0001	0.0050	0.0300	0%	0.0007	0.0007	N/A	0.0007	0.0007	
Kerosene	0.3	0.00005	0%	0.0001	0.0001	0.1460	0.0300	0%	0.0192	0.0192	N/A	0.0192	0.0192	
Sump	1.0	0.00350	0%	0.0153	0.0153	0.0034	10.0000	0%	0.1489	0.1489	N/A	0.1489	0.1489	
Recycled Oil	0.5	0.00005	0%	0.0001	0.0001	0.0030	0.0300	0%	0.0004	0.0004	N/A	0.0004	0.0004	
Total Standing Losses				52.3873	52.3873									

	Before Controls (Unlimited)	After Controls (Unlimited)	After Controls and Limits
Total Potential To Emit (tons/yr)	3439.7	1983.4	481.0

For each scenario (standing, working, or processing):

\*Uncontrolled Potential Emissions (tons/yr) = Throughput (kgal/hr) \* Emission Factor (lb/kgal) \* (8760 hr/yr) \* (1 ton/2000 lb)

\*Controlled Potential Emissions (tons/yr) = Uncontrolled Potential Emissions (tons/yr) \* (1-VOC Control)

\*Limited and Controlled Potential Emissions (tons/yr) = Limit (kgal/yr) \* Emission Factor (lb/kgal) \* (1 ton/2000 lb) \* (1-VOC Control)

Total Potential To Emit = All Loading Rack Emissions + all standing losses from tanks + worst case working loss

\*Only one (1) tank can be filled at the terminal at any one time

\*VOC Emission Factors are from AP-42

Source VOC PTE - Limited and Uncontrolled (tons/yr)	3206.7041
Source VOC PTE - Limited and Controlled (tons/yr)	481.0056
Overall Source VOC Control (%)	85.00

\*Overall Source VOC Control (%) = 100 \* [(Limited and Uncontrolled PTE) - (Limited and Controlled PTE)] / (Limited and Uncontrolled PTE)

\*The Solver tool was used to determine the new limit for Tank 77 to keep the Overall Source VOC Control at 85% to satisfy the requirements of 326 IAC 8-6.

## Overall Source HAPs Emissions After Modifications

HAPs Emission Calculations (tons per year) - Controlled and Limited (Limit on Existing Loading Rack Bay #2 & 3 gasoline throughput, Limit on Loading Rack Bay #1 gasoline throughput, Limit on Tank 77 gasoline input, Limit on Tank 83 additives throughput, Control on all loading rack bays and Tank 76)								
Mass Fraction of VOC Emissions (lb HAP/lb VOC)	Ethyl						Total HAPs	
	Benzene	Benzene	Hexane	Toluene	Xylenes	Naphthalene		
	0.003	0.0003	0.007	0.005	0.002	0.00004		
<b>Loading Rack Bay #2 &amp; 3</b>	<b>0.120</b>	<b>0.012</b>	<b>0.280</b>	<b>0.200</b>	<b>0.080</b>	<b>0.002</b>	<b>0.69</b>	
<b>Loading Rack Bay #1</b>	<b>0.075</b>	<b>0.007</b>	<b>0.175</b>	<b>0.125</b>	<b>0.050</b>	<b>0.001</b>	<b>0.43</b>	
<b>Working Only</b>								
Tank 69	0.007	0.001	0.015	0.011	0.004	0.000	0.038	
Tank 70	0.005	0.001	0.012	0.009	0.004	0.000	0.030	
Tank 71	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 72	0.002	0.000	0.005	0.004	0.001	0.000	0.013	
Tank 73	0.002	0.000	0.004	0.003	0.001	0.000	0.011	
Tank 74	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 75	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 76	0.278	0.028	0.649	0.464	0.185	0.004	1.608	
Tank 77	1.091	0.109	2.545	1.818	0.727	0.015	6.305	
Tank 78	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 79	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 80	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 81	0.017	0.002	0.041	0.029	0.012	0.000	0.100	
Tank 82	0.001	0.000	0.003	0.002	0.001	0.000	0.006	
Tank 83	0.120	0.012	0.279	0.199	0.080	0.002	0.691	
Tank S1	0.063	0.006	0.147	0.105	0.042	0.001	0.365	
Tank S2	0.000	0.000	0.001	0.001	0.000	0.000	0.002	
Tank S3	0.001	0.000	0.002	0.001	0.000	0.000	0.004	
Maintenance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Office Fuel	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Cetane Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Steamer Tank	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Kerosene	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Sump	0.000	0.000	0.001	0.001	0.000	0.000	0.003	
Recycled Oil	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
<b>Worst Case</b>	<b>1.091</b>	<b>0.109</b>	<b>2.545</b>	<b>1.818</b>	<b>0.727</b>	<b>0.015</b>	<b>6.31</b>	
Worst Case is highest working tank since only one tank can be filled at any one time								
<b>Standing Only</b>								
Tank 69	0.0004	0.0000	0.0009	0.0006	0.0002	0.0000	0.002	
Tank 70	0.0191	0.0019	0.0445	0.0318	0.0127	0.0003	0.110	
Tank 71	0.0004	0.0000	0.0010	0.0007	0.0003	0.0000	0.002	
Tank 72	0.0064	0.0006	0.0150	0.0107	0.0043	0.0001	0.037	
Tank 73	0.0115	0.0012	0.0269	0.0192	0.0077	0.0002	0.067	
Tank 74	0.0007	0.0001	0.0015	0.0011	0.0004	0.0000	0.004	
Tank 75	0.0007	0.0001	0.0015	0.0011	0.0004	0.0000	0.004	
Tank 76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Tank 77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Tank 78	0.0015	0.0001	0.0034	0.0024	0.0010	0.0000	0.008	
Tank 79	0.0015	0.0001	0.0034	0.0024	0.0010	0.0000	0.008	
Tank 80	0.0015	0.0001	0.0034	0.0024	0.0010	0.0000	0.008	
Tank 81	0.0015	0.0002	0.0035	0.0025	0.0010	0.0000	0.009	
Tank 82	0.1116	0.0112	0.2605	0.1860	0.0744	0.0015	0.645	
Tank 83	0.0004	0.0000	0.0009	0.0006	0.0003	0.0000	0.002	
Tank S1	0.0001	0.0000	0.0003	0.0002	0.0001	0.0000	0.001	
Tank S2	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Tank S3	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Maintenance	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Office Fuel	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Cetane Tank	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Steamer Tank	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Kerosene	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
Sump	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.000	
Recycled Oil	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	
<b>Total Standing Loss</b>	<b>0.157</b>	<b>0.016</b>	<b>0.367</b>	<b>0.262</b>	<b>0.105</b>	<b>0.002</b>	<b>0.908</b>	
<b>Worst Case HAPs</b>	<b>1.44</b>	<b>0.14</b>	<b>3.37</b>	<b>2.41</b>	<b>0.96</b>	<b>0.02</b>	<b>8.3</b>	
Worst Case HAPs = Loading Rack + Total Standing Losses + Worst Case Working Loss								

\*HAP (tons/yr) = VOC emissions (tons/yr) \* Mass Fraction of HAP (pound HAP/pound VOC)

\*The vapor mass fractions of HAPs for the after modification calculations were determined using the TANKS program based on the liquid HAP content for gasolines at Countrymark. Note: These are different mass fractions than were used in Part 70 Operating Permit No. 057-7976-00008, issued June 6, 1998 and Part 70 Operating Permit Renewal No. 057-16575-00008.