



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant  
DATE: March 27, 2009  
RE: Countrymark Cooperative, LLP / 103-25203-00011  
FROM: Matthew Stuckey, Deputy Branch 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 13-15-5-3, this permit 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 13-15-6-1(b) or IC 13-15-6-1(a) 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 of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

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.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency  
401 M Street  
Washington, D.C. 20406

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.



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

## Part 70 Operating Permit Renewal OFFICE OF AIR QUALITY

**Countrymark Cooperative, LLP**  
**1765 West Logansport Road**  
**Peru, Indiana 46970**

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

**The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.**

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T103-25203-00011	
Issued by:  Matthew Stuckey, Branch Chief Permits Branch Office of Air Quality	Issuance Date: March 27, 2009  Expiration Date: March 27, 2014

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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 bulk storage and wholesale distribution of petroleum products source.

Source Address:	1765 West Logansport Road, Peru, Indiana 46970
Mailing Address:	1200 Refinery Road, Mt. Vernon, IN 47620
General Source Phone Number:	(812) 838-8543
SIC Code:	5171
County Location:	Miami
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD and 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 source consists of the following emission units and pollution control devices:

- (a) Two (2) storage tanks, identified as Tanks 90 and 92, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (b) One (1) floating roof storage tank with a mechanical primary seal and shoe-mounted secondary seal, identified as Tank 91, installed in 1953 and modified in 2006, capacity: 414,300 of gasoline or distillates.
- (c) One (1) storage tank, identified as Tank 93, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (d) One (1) storage tank with a variable vapor space system, identified as Tank 94, installed in 1953, capacity: 2,290,000 gallons of gasoline or distillates.
- (e) One (1) internal floating roof storage tank with a mechanical primary seal and shoe-mounted secondary seal, identified as Tank 95, installed in 1956 and modified in 2006, capacity: 2,187,800 gallons of gasoline or distillates.
- (f) One (1) storage tank, identified as Tank 96, installed in 1958, capacity: 2,231,300 gallons of gasoline or distillates.
- (g) Two (2) storage tanks, identified as Tanks 97E and 97W, installed in 1979, capacity: 19,400 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 99, installed in 1988, capacity: 8,200 gallons of gasoline or distillates.

- (i) One (1) sump system, consisting of: one (1) 1,000 gallon separator, one (1) storage tank, identified as Sump Tank, installed in 1953, capacity: 1,000 gallons of gasoline mixture, one (1) 1,000 gallon water tank, and one (1) 3,000 gallon storage tank, containing mixed fuels.
- (j) One (1) submerged gasoline and distillate truck loading rack, identified as loading rack, installed in 2003, equipped with a relief stack, known as P3, a vapor knockout box, and a flare vapor control unit, exhausting through Stack P2, capacity: 46,200 gallons of gasoline or petroleum distillates per hour.
- (k) Fugitives from pump seals, valves and flanges.

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 source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1(21) that have applicable requirements.

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

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This 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, T103-25203-00011, 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] [IC 13-17-12]

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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 and Enforcement 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 and Enforcement 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 T103-25203-00011 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.

**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 and Enforcement Branch, 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 Administration and Support Section, 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 Administration and Support Section, 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 Administration and Support Section, 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 Administration and Support Section, 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 Advanced Source Modification Approval [326 IAC 2-7-5(16)] [326 IAC 2-7-10.5]

- (a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.26 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). 326 IAC 6-4-2(4) is not federally enforceable.

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, 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 Licensed 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 Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

### **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 and Enforcement Branch, 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 or ninety (90) days of initial start-up, whichever is later. 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 and Enforcement 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 in February 2008.
- (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]

- (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 or ninety (90) days of initial start-up, whichever is later.
- (c) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A), 40 CFR 51.165(a)(6)(vi)(B), 40 CFR 51.166(r)(6)(vi)(a), and/or 40 CFR 51.166(r)(6)(vi)(b)) that a “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in 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(II)) at an existing emissions unit, document and maintain the following records:
- (A) A description of the project.
- (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
- (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
- (i) Baseline actual emissions;
- (ii) Projected actual emissions;

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

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

- (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 and Enforcement Branch, 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.

## **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

### Emissions Unit Description:

- (a) Two (2) storage tanks, identified as Tanks 90 and 92, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (b) One (1) floating roof storage tank with a mechanical primary seal and shoe-mounted secondary seal, identified as Tank 91, installed in 1953 and modified in 2006, capacity: 414,300 of gasoline or distillates.
- (c) One (1) storage tank, identified as Tank 93, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (d) One (1) storage tank with a variable vapor space system, identified as Tank 94, installed in 1953, capacity: 2,290,000 gallons of gasoline or distillates.
- (e) One (1) internal floating roof storage tank with a mechanical primary seal and shoe-mounted secondary seal, identified as Tank 95, installed in 1956 and modified in 2006, capacity: 2,187,800 gallons of gasoline or distillates.
- (f) One (1) storage tank, identified as Tank 96, installed in 1958, capacity: 2,231,300 gallons of gasoline or distillates.
- (g) Two (2) storage tanks, identified as Tanks 97E and 97W, installed in 1979, capacity: 19,400 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 99, installed in 1988, capacity: 8,200 gallons of gasoline or distillates.
- (i) One (1) sump system, consisting of: one (1) 1,000 gallon separator, one (1) storage tank, identified as Sump Tank, installed in 1953, capacity: 1,000 gallons of gasoline mixture, one (1) 1,000 gallon water tank, and one (1) 3,000 gallon storage tank, containing mixed fuels.
- (j) One (1) submerged gasoline and distillate truck loading rack, identified as loading rack, installed in 2003, equipped with a relief stack, known as P3, a vapor knockout box, and a flare vapor control unit, exhausting through Stack P2, capacity: 46,200 gallons of gasoline or petroleum distillates per hour.
- (k) Fugitives from pump seals, valves and flanges.

(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 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:

The input of gasoline or equivalent gasoline to the entire source shall be limited to 117,927,120 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. The following shall be used to determine the input of gasoline or its equivalent:

- (a) One (1) gallon of gasoline is equivalent to 0.0085 gallons of gasoline delivered to the loading rack.
- (b) One (1) gallon of gasoline throughput to Tank 92 is equivalent to one (1.0) gallon of gasoline.
- (c) One (1) gallon of gasoline throughput to Tanks 91 and/or 94 is equivalent to 0.9583 gallons of gasoline.

This input of gasoline or equivalent gasoline limitation limits the potential to emit combination of all HAPs to less than twenty-four (24.1) tons per year and limits the worst case single HAP to less than 6.68 tons per year. Compliance with this limit renders the NESHAP, 40 CFR Part 63 Subpart R, not applicable to this source.

#### D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-4-4]

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

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

### D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-4-9]

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

- (a) This section is applicable to the following:
  - (1) All vapor balance systems and vapor control systems at sources subject to sections 4 through 6 of this rule.
  - (2) All gasoline transports subject to section 7 of this rule.
- (b) No person shall allow a gasoline transport that is subject to this rule and that has a capacity of two thousand (2,000) gallons or more to be filled or emptied unless the gasoline transport completes the following:
  - (1) Annual leak detection testing before the end of the twelfth calendar month following the previous year's test, according to test procedures contained in 40 CFR 63.425(e), as follows:
    - (A) Conduct the pressure and vacuum tests for the transport's cargo tank using a time period of five (5) minutes. The initial pressure for the pressure test shall be four hundred sixty (460) millimeters H<sub>2</sub>O (eighteen (18) inches H<sub>2</sub>O) gauge. The initial vacuum for the vacuum test shall be one hundred fifty (150) millimeters H<sub>2</sub>O (six (6) inches H<sub>2</sub>O) gauge. The maximum allowable pressure or vacuum change is twenty-five (25) millimeters H<sub>2</sub>O (one (1) inch H<sub>2</sub>O) in five (5) minutes.
    - (B) Conduct the pressure test of the cargo tank's internal vapor valve as follows:
      - (i) After completing the test under clause (A), use the procedures in 40 CFR 60, Appendix A, Method 27 to repressurize the tank to four hundred sixty (460) millimeters H<sub>2</sub>O (eighteen (18) inches H<sub>2</sub>O) gauge. Close the transport's internal vapor valve or valves, thereby isolating the vapor return line and manifold from the tank.
      - (ii) Relieve the pressure in the vapor return line to atmospheric pressure, then reseal the line. After five (5) minutes, record the gauge pressure in the vapor return line and manifold. The maximum allowable five (5) minute pressure increase is one hundred thirty (130) millimeters H<sub>2</sub>O (five (5) inches H<sub>2</sub>O).
  - (2) Repairs by the gasoline transport owner or operator, if the transport does not meet the criteria of subdivision (1), and retesting to prove compliance with the criteria of subdivision (1).
- (c) The annual test data remain valid until the end of the twelfth calendar month following the test. The owner of the gasoline transport shall be responsible for compliance with subsection (b) and shall provide the owner of the loading facility with the most recent valid modified 40 CFR 60, Appendix A, Method 27\* test results upon request. The owner of the loading facility shall take all reasonable steps, including reviewing the test date and

tester's signature, to ensure that gasoline transports loading at its facility comply with subsection (b).

- (d) The owner or operator of a vapor balance system or vapor control system subject to this rule shall:
- (1) design and operate the applicable system and the gasoline loading equipment in a manner that prevents:
    - (A) gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of H<sub>2</sub>O) and a vacuum from exceeding one thousand five hundred (1,500) pascals (six (6) inches of H<sub>2</sub>O) in the gasoline transport;
    - (B) except for sources subject to 40 CFR 60.503(b) (NESHAP/MACT) or 40 CFR 63.425(a) (New Source Performance Standards) requirements, a reading equal to or greater than twenty-one thousand (21,000) parts per million as propane, from all points on the perimeter of a potential leak source when measured by the method referenced in 40 CFR 60, Appendix A, Method 21, or an equivalent procedure approved by the commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
    - (C) avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
  - (2) within fifteen (15) days, repair and retest a vapor balance, collection, or control system that exceeds the limits in subdivision (1).
- (e) The department may, at any time, monitor a gasoline transport, vapor balance, or vapor control system to confirm continuing compliance with subsection (b) or (c).
- (f) The owner or operator of a vapor balance or vapor control system subject to this section shall maintain records of all certification testing. The records shall identify the following:
- (1) The vapor balance, vapor collection, or vapor control system.
  - (2) The date of the test and, if applicable, retest.
  - (3) The results of the test and, if applicable, retest.
- The records shall be maintained in a legible, readily available condition for at least two (2) years after the date the testing and, if applicable, retesting were completed.
- (g) The owner or operator of a gasoline transport subject to this section shall keep a legible copy of the transport's most recent valid annual modified 40 CFR 60, Appendix A, Method 27 test either in the cab of the transport or affixed to the transport trailer. The test record shall identify the following:
- (1) The gasoline transport.
  - (2) The type and date of the test and, if applicable, date of retest.
  - (3) The test methods, test data, and results certified as true, accurate, and in compliance with this rule by the person who performs the test.

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

- (h) If the commissioner allows alternative test procedures in subsection (b)(1) or (d)(1)(B), such method shall be submitted to the U.S. EPA as a SIP revision.
- (i) During compliance tests conducted under 326 IAC 3-6 (stack testing), each vapor balance or control system shall be tested applying the standards described in subsection (d)(1)(B). Testers shall use 40 CFR 60, Appendix A, Method 21 to determine if there are any leaks from the hatches and the flanges of the gasoline transports. If any leak is detected, the transport cannot be used for the capacity of the compliance test of the bulk gas terminal. The threshold for leaks shall be as follows:
  - (1) Five hundred (500) parts per million methane for all bulk gas terminals subject to NESHAP/MACT (40 CFR 63, Subpart R).
  - (2) Ten thousand (10,000) parts per million methane for all bulk gas terminals subject to a New Source Performance Standard.

#### D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

### **Compliance Determination Requirements**

#### D.1.5 VOC and HAPs

In order to comply with Conditions D.1.1, the flare vapor control unit for VOC and HAPs control shall be in operation and control emissions from the truck loading rack at all times when the truck loading rack is in operation.

#### D.1.6 Monitoring

- (a) Measure the monthly flow rate of gasoline and petroleum distillate 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 Monitoring Requirements [326 IAC 2-7-5(1)][326 IAC 2-7-6(1)]**

#### D.1.7 Broken or Failed Flow Gauge Detection

In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B – Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps shall be initiated according to the timetable described in the Response to Excursions or Exceedances. For any failure with corresponding response steps and timetable not described in the Response to Excursions or Exceedances, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances, shall be considered a deviation from this permit.

#### D.1.8 Flame Detection and Flare Operation

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To document compliance with Condition D.1.5, the Permittee shall perform daily checks of the key operating parameters, including flame presence and temperature at the combustion zone.

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

#### D.1.9 Record Keeping Requirements

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- (a) To document compliance with Condition D.1.1 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.1.1. The records shall contain a minimum of the following:
- (1) The amount and type of fuel delivered to the loading rack, monthly
  - (2) The amount and type of fuel throughput to Storage Tanks, identified as Tanks 91, 92 and 94, 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
  - (5) Identification of the facility or facilities associated with the usage of each HAP.
- (b) To document compliance with Condition D.1.7, 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
  - (2) Calibrations of the flow meters on the loading rack at least once per quarter.
- (c) Pursuant to 326 IAC 3-3, 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 of less per gallon or is ethanol blended or is certified as RFG.
- (d) To document compliance with Condition D.1.5 and D.1.8, the Permittee shall maintain records of the daily check of the key flare operating parameters required under Condition D.1.8.

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

#### D.1.10 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.1.1 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 NEW SOURCE PERFORMANCE STANDARD

### Emissions Unit Description:

- (j) One (1) submerged gasoline and distillate truck loading rack, identified as loading rack, installed in 2003, equipped with a relief stack, known as P3, a vapor knockout box, and a flare vapor control unit, exhausting through Stack P2, capacity: 46,200 gallons of gasoline or petroleum distillates per hour.

(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)]

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

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

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

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

- (a) 40 CFR 60.500(a), (b), and (c)
- (b) 40 CFR 60.502(a), (b), (d), (g) through (i), and (j)
- (c) 40 CFR 60.503(a) and (b); (c)(1) through (7); (d)(1) and (2)
- (d) 40 CFR 60.505(c), (e)

#### E.1.3 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-1.1-11]

In order to demonstrate compliance with NSPS Subpart XX, the Permittee shall perform testing utilizing the methods and procedures specified in Condition C.7. and NSPS Subpart XX. This test shall be repeated at least once every five (5) years from the date of the previous valid compliance demonstration.

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

Source Name: Countrymark Cooperative, LLP  
Source Address: 1765 West Logansport Road, Peru, Indiana 46970  
Mailing Address: 1200 Refinery Road, Mt. Vernon, IN 47620  
Part 70 Permit No.: T103-25203-00011

**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 AND ENFORCEMENT 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: 1765 West Logansport Road, Peru, Indiana 46970  
Mailing Address: 1200 Refinery Road, Mt. Vernon, IN 47620  
Part 70 Permit No.: T103-25203-00011

**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.

**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF AIR QUALITY  
 COMPLIANCE AND ENFORCEMENT BRANCH**

**Part 70 Usage Report**  
 (Submit Report Quarterly)

Source Name: Countrymark Cooperative, LLP  
 Source Address: 1765 West Logansport Road, Peru, Indiana 46970  
 Mailing Address: 1200 Refinery Road, Mt. Vernon, IN 47620  
 Part 70 Permit No.: T103-25203-00011  
 Facility: Submerged Loading Rack and Storage Tanks 90, 91, 92, 93, 94, 95, 96, 97E, 97W, and 99  
 Parameter: Gasoline Throughput  
 Limit: 117,927,120 gallons per twelve (12) consecutive month period with compliance determined at the end of each month, where one (1) gallon of gasoline is equivalent to 0.0085 gallons of gasoline to the loading rack, one (1) gallon of gasoline throughput to Tank 92 is equivalent to 1.0 gallon of gasoline and one (1) gallon of gasoline throughput to Tanks 91 and/or 94 is equivalent to 0.9583 gallons of gasoline. This gasoline or equivalent throughput limit is equivalent to a combination of all HAPs of twenty-four (24.1) tons per year and a worst case single HAP of 6.68 tons per year.

QUARTER :

YEAR:

Month	Equivalent Gallons of Gasoline	Equivalent Gallons of Gasoline	Equivalent Gallons of Gasoline
	This Month	Previous 11 Months	12 Month Total

- 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: 1765 West Logansport Road, Peru, Indiana 46970  
 Mailing Address: 1200 Refinery Road, Mt. Vernon, IN 47620  
 Part 70 Permit No.: T103-25203-00011

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

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<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>	
<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.

## Attachment A: NSPS 40 CFR 60, Subpart XX

### Title 40: Protection of Environment

PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

#### Subpart XX—Standards of Performance 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.

(c) For purposes of this subpart, any replacement of components of an existing facility, described in paragraph (a) of this section, commenced before August 18, 1983 in order to comply with any emission standard adopted by a State or political subdivision thereof will not be considered a reconstruction under the provisions of 40 CFR 60.15.

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.

(c) For each affected facility equipped with an existing vapor processing system, 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 80 milligrams of total organic compounds per liter of gasoline loaded.

(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]

#### **§ 60.504 [Reserved]**

#### **§ 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]

### **§ 60.506 Reconstruction.**

For purposes of this subpart:

(a) The cost of the following frequently replaced components of the affected facility shall not be considered in calculating either the "fixed capital cost of the new components" or the "fixed capital costs that would be required to construct a comparable entirely new facility" under §60.15: pump seals, loading arm gaskets and swivels, coupler gaskets, overfill sensor couplers and cables, flexible vapor hoses, and grounding cables and connectors.

(b) Under §60.15, the "fixed capital cost of the new components" includes the fixed capital cost of all depreciable components (except components specified in §60.506(a)) which are or will be replaced pursuant to all continuous programs of component replacement which are commenced within any 2-year period following December 17, 1980. For purposes of this paragraph, "commenced" means that an owner or operator has undertaken a continuous program of component replacement or that an owner or operator has entered into a contractual obligation to undertake and complete, within a reasonable time, a continuous program of component replacement.

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

Addendum to the Technical Support Document (ATSD) for a  
Part 70 Operating Permit Renewal

<b>Source Background and Description</b>
--

<b>Source Name:</b>	<b>Countrymark Cooperative, LLP</b>
<b>Source Location:</b>	<b>1765 West Logansport Road, Peru, Indiana 46970</b>
<b>County:</b>	<b>Miami</b>
<b>SIC Code:</b>	<b>5171</b>
<b>Operation Permit No.:</b>	<b>T 103-25203-00011</b>
<b>Permit Reviewer:</b>	<b>Summer Keown</b>

On February 6, 2009, the Office of Air Quality (OAQ) had a notice published in the Peru Daily Tribune, Peru, Indiana, stating that Countrymark Cooperative, LLP had applied for a Part 70 Operating Permit Renewal to continue to operate a stationary bulk storage and wholesale distribution of petroleum products source. The notice also stated that the OAQ proposed to issue a Part 70 Operating Permit Renewal for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

<b>Comments and Responses</b>
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On March 6, 2009, Countrymark Cooperative, LLP, submitted comments to IDEM, OAQ on the draft Part 70 Operating Permit Renewal.

The Technical Support Document (TSD) is used by IDEM, OAQ for historical purposes. IDEM, OAQ does not make any changes to the original TSD, but the Permit will have the updated changes. The comments and revised permit language are provided below with deleted language as ~~strikeouts~~ and new language **bolded**.

**Comment 1:**

The current permit includes a condition requiring performance testing at least once every five years. The condition specifying that the performance testing to demonstrate compliance with New Source Performance Standard (NSPS) Subpart XX be repeated at least once every five years from the date of the valid compliance demonstration has been deleted in the draft permit. A comment is made in the Technical Support Document, in the Testing Requirements section, that the "test shall be repeated at least once every five years from the date of the previous valid compliance demonstration". We believe that the permit condition requiring testing at least once every five years was inadvertently omitted from the draft permit.

**Response to Comment 1:**

The following condition has been added to the permit renewal:

**E.1.3 Testing Requirements [326 IAC 2-7-6(1)] [326 IAC 2-1.1-11]**

**In order to demonstrate compliance with NSPS Subpart XX, the Permittee shall perform testing utilizing the methods and procedures specified in Condition C.7. and NSPS Subpart XX. This test shall be repeated at least once every five (5) years from the date of the previous valid compliance demonstration.**

<b>Additional Changes</b>
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IDEM, OAQ has decided to make additional revisions to the permit as described below, with deleted language as ~~strikeouts~~ and new language **bolded**.

The following addresses have been revised in all incidences that occur in the permit.

- (a) Indiana Department of Environmental Management  
**Compliance and Enforcement Branch, Office of Air Quality**  
~~Compliance Branch, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251
  
- (b) Indiana Department of Environmental Management  
**Compliance and Enforcement Branch, Office of Air Quality**  
~~Asbestos Section, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251
  
- (c) Indiana Department of Environmental Management  
**Compliance and Enforcement Branch, Office of Air Quality**  
~~Compliance Data Section, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251
  
- (d) Indiana Department of Environmental Management  
**Compliance and Enforcement Branch, Office of Air Quality**  
~~Air Compliance Section, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251
  
- (b) Indiana Department of Environmental Management  
**Permit Administration and Support Section, Office of Air Quality**  
~~Permits Branch, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
  
- (e) Indiana Department of Environmental Management  
**Permit Administration and Support Section, Office of Air Quality**  
~~Permit Administration and Development Section, Office of Air Quality~~  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

<b>IDEM Contact</b>
---------------------

- (a) Questions regarding this proposed Part 70 Operating Permit Renewal can be directed to Summer Keown at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5175 or toll free at 1-800-451-6027 extension 4-5175.
- (b) A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov)

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

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

**Source Background and Description**

<b>Source Name:</b>	<b>Countrymark Cooperative, LLP</b>
<b>Source Location:</b>	<b>1765 West Logansport Road, Peru, Indiana 46970</b>
<b>County:</b>	<b>Miami</b>
<b>SIC Code:</b>	<b>5171</b>
<b>Permit Renewal No.:</b>	<b>T 103-25203-00011</b>
<b>Permit Reviewer:</b>	<b>Summer Keown</b>

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Countrymark Cooperative, LLP relating to the operation of a stationary bulk storage and wholesale distribution of petroleum products source.

**History**

On August 27, 2007, Countrymark Cooperative, LLP submitted an application to the OAQ requesting to renew its operating permit. Countrymark Cooperative, LLP was issued Part 70 Operating Permit Renewal No. T103-16573-00011 on May 27, 2003.

**Permitted Emission Units and Pollution Control Equipment**

- (a) Two (2) storage tanks, identified as Tanks 90 and 92, installed in 1953, capacity: 993,500 gallons of gasoline or distillates, each.
- (b) One (1) internal floating roof storage tank with a wiper primary and wiper secondary seal, identified as Tank 91, installed in 1953 and modified in 2006, capacity: 414,300 gallons of gasoline or distillates.
- (c) One (1) storage tank, identified as Tank 93, installed in 1953, capacity: 2,235,400 gallons of gasoline or distillates.
- (d) One (1) storage tank with a variable vapor space system, identified as Tank 94, installed in 1953, capacity: 2,290,000 gallons of gasoline or distillates.
- (e) One (1) internal floating roof storage tank with a mechanical shoe seal primary, identified as Tank 95, installed in 1956 and modified in 2006, capacity: 2,187,800 gallons of gasoline or distillates.
- (f) One (1) storage tank, identified as Tank 96, installed in 1958, capacity: 2,231,300 gallons of gasoline or distillates.
- (g) Two (2) storage tanks, identified as Tanks 97E and 97W, installed in 1979, capacity: 19,400 gallons of gasoline or distillates, each.
- (h) One (1) storage tank, identified as Tank 99, installed in 1988, capacity: 8,200 gallons of gasoline or distillates, removed in 2008.

- (i) One (1) sump system, consisting of: one (1) 1,000 gallon separator, one (1) storage tank, identified as Sump Tank, installed in 1953, capacity: 1,000 gallons of gasoline mixture, one (1) 1,000 gallon water tank, and one (1) 3,000 gallon storage tank, containing mixed fuels.
- (j) One (1) submerged gasoline and distillate truck loading rack, identified as loading rack, installed in 2003, equipped with a relief stack, known as P3, a vapor knockout box, and a flare vapor control unit, exhausting through Stack P2, capacity: 46,200 gallons of gasoline or petroleum distillates per hour.
- (k) Fugitives from pump seals, valves and flanges.

### **Insignificant Activities**

- (a) Storage tanks with potential VOC emissions of less than 3 lb/hr or 15 lb/day:
  - (1) One (1) storage tank, identified as Soy Methyl Ester 98ATank, permitted in 2008, capacity: 15,000 gallons.
  - (2) One (1) storage tank, identified as Soy Methyl Ester 98BTank, permitted in 2008, capacity: 29,000 gallons.
  - (3) One (1) storage tank, identified as Cetane Tank, permitted in 2008, capacity: 3,000 gallons.
  - (4) One (1) storage tank, identified as Cold Flow Additive A Tank, permitted in 2008, capacity: 1,500 gallons.
  - (5) One (1) storage tank, identified as Cold Flow Additive B Tank, permitted in 2008, capacity: 1,500 gallons.
- (b) 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.
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]
- (d) On-site fire and emergency response training approved by the department.
- (e) Miscellaneous maintenance painting
- (f) Miscellaneous construction

### **Existing Approvals**

Since the issuance of the Part 70 Operating Permit Renewal (T103-16573-00011) on May 27, 2003, the source has constructed or has been operating under the following approvals as well:

- (a) Significant Source Modification No. 103-17685-00011, issued on August 20, 2003;
- (b) Significant Permit Modification No. 103-17286-00011, issued on September 8, 2003;
- (c) Administrative Amendment No. 103-21819-00011, issued on January 30, 2006; and
- (d) Significant Permit Modification No. 103-22082-00011, issued on July 14, 2006.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

**Enforcement Issue**

There are no enforcement actions pending.

**Emission Calculations**

See Appendix A of this document for detailed emission calculations.

**County Attainment Status**

The source is located in Miami County.

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O <sub>3</sub>	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Not designated.
<sup>1</sup> Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM2.5.	

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Miami County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Miami County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include

those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

Miami County has been classified as attainment or unclassifiable in Indiana 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) Since this source is classified as a petroleum storage and transfer unit with a total storage capacity exceeding three hundred thousand barrels, it is considered one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

(e) Fugitive Emissions

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

### Unrestricted Potential Emissions

Appendix A of this TSD reflects the unrestricted potential emissions of the source.

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of all other criteria pollutants are less than 100 tons per year.
- (c) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is equal to or greater than ten (10) tons per year and/or the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is equal to or greater than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (d) Since this type of operation is one of the twenty-eight (28) listed source categories under 326 IAC 2-7, fugitive emissions are counted toward the determination of Part 70 applicability.

### Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

### Potential to Emit After Issuance

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 permit renewal, 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 of the Entire Source After Issuance of Part 70 Operating Permit (tons/year)								
	PM	PM10	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	Total HAPs	Worst Single HAP
Storage Tanks	negl.	negl.	negl.	0.00	0.00	1258.17	0.00	< 24.1	< 6.68 (hexane)
Loading Rack	negl.	negl.	negl.	0.00	0.00	59.11	0.00		
Insignificant Activities	5.00	4.00	4.00	5.00	1.00	1.00	1.00	negl.	negl.
<b>Total PTE of Entire Source</b>	5.00	4.00	4.00	5.00	1.00	1318.28	1.00	< 24.1	< 6.68 (hexane)
Title V Major Source Thresholds	NA	100	-	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	250	250	250	250	250	NA	NA

negl. = negligible  
 \* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".

- (a) This existing stationary source is not major for PSD because while emissions of VOC are greater than two hundred fifty (250) tons per year, and it is one of the twenty-eight (28) listed source categories, the source was constructed prior to August 7, 1977. A source modification made in 2003 was not major for PSD because the emissions increase was less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements are not applicable to this source.
- (b) 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.

**Federal Rule Applicability**

- (a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to existing 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 following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each existing emission unit and specified pollutant subject to CAM:

Emission Unit / Pollutant	Control Device Used	Emission Limitation (Y/N)	Uncontrolled PTE (tons/year)	Controlled PTE (tons/year)	Major Source Threshold (tons/year)	CAM Applicable (Y/N)	Large Unit (Y/N)
Loading Rack (VOC)	Y	Y	1011.78	59.11	100	Y	N
Loading Rack (Total HAPs)	Y	N	21.79	1.27	25	N	N
Tank 90 (VOC)	N	N	316.17	316.17	100	N	N
Tank 90 (Total HAPs)	N	N	6.81	6.81	25	N	N
Tank 91 (VOC)	N	N	2.21	2.21	100	N	N
Tank 91 (Total HAPs)	N	N	0.05	0.05	25	N	N
Tank 92 (VOC)	N	N	316.17	316.17	100	N	N
Tank 92 (Total HAPs)	N	N	6.81	6.81	25	N	N
Tank 93 (VOC)	N	N	538.70	538.70	100	N	N
Tank 93 (Total HAPs)	N	N	11.60	11.60	25	N	N
Tank 94 (VOC)	N	N	636.19	636.19	100	N	N
Tank 94 (Total HAPs)	N	N	13.70	13.70	25	N	N
Tank 95 (VOC)	N	N	6.54	6.54	100	N	N
Tank 95 (Total HAPs)	N	N	0.14	0.14	25	N	N
Tank 96 (VOC)	N	N	548.37	548.37	100	N	N
Tank 96 (Total HAPs)	N	N	11.81	11.81	25	N	N
Tank 97E (VOC)	N	N	4.78	4.78	100	N	N
Tank 97E (Total HAPs)	N	N	0.10	0.10	25	N	N
Tank 97W (VOC)	N	N	4.78	4.78	100	N	N
Tank 97W (Total HAPs)	N	N	0.10	0.10	25	N	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM is applicable to the submerged gasoline and distillate truck loading rack, identified as loading rack, for VOC upon issuance of the Title V Renewal. The CAM plan is incorporated into the requirements of Section D.1 of this Part 70 permit renewal.

The following federal rules are applicable to the source:

- (a) The loading rack is subject to the New Source Performance Standard for Bulk Gasoline Terminals (40 CFR 60, Subpart XX), which is incorporated by reference as 326 IAC 12.

The loading rack is subject to the following portions of Subpart XX.

- (1) 40 CFR 60.500(a), (b), and (c)
  - (2) 40 CFR 60.502(a), (b), (d), (g) through (i), and (j)
  - (3) 40 CFR 60.503(a) and (b); (c)(1) through (7); (d)(1) through (2)
  - (4) 40 CFR 60.505(c), (e)
- (b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations), Subpart R are not included in the permit for any emission units at this source.

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:

The input of gasoline or equivalent gasoline to the entire source shall be limited to 117,927,120 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. The following shall be used to determine the input of gasoline or its equivalent:

- (a) One (1) gallon of gasoline is equivalent to 0.0085 gallons of gasoline delivered to the loading rack.
- (b) One (1) gallon of gasoline throughput to Tank 92 is equivalent to one (1.0) gallon of gasoline.
- (c) One (1) gallon of gasoline throughput to Tanks 91 and/or 94 is equivalent to 0.9583 gallons of gasoline.

This input of gasoline or equivalent gasoline limitation limits the potential to emit combination of all HAPs to less than twenty-four (24.1) tons per year and limits the worst case single HAP to less than 6.68 tons per year. Compliance with this limit renders the NESHAP, 40 CFR Part 63, Subpart R, not applicable to this source.

- (c) There are no other National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit renewal.

### **State Rule Applicability - Entire Source**

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

The total storage capacity of the source exceeds 300,000 barrels (9,450,000 gallons) of petroleum products. Therefore, this source would be an existing major source pursuant to 326 IAC 2-2-1(gg) because it is one of the twenty eight (28) major source categories and the potential to emit VOC exceeds one hundred (100) tons per year. However, construction of the entire source commenced prior to August 7, 1977 and therefore, this source is not subject to the PSD requirements of 326 IAC 2-2. The source was issued a Significant Source Modification (103-17685-00011) on August 20, 2003. However, because the source elected to limit the new unit, identified as loading rack, to less than forty (40) tons of VOC per year, it was not considered major for PSD. Therefore, pursuant to 326 IAC 2-2, the PSD requirements are not applicable to this source.

#### **326 IAC 2-3 (Emission Offset)**

326 IAC 2-3 applies to major sources located in nonattainment areas. This source is located in Miami County, which is in attainment for all criteria pollutants. Therefore, 326 IAC 2-3 is not applicable to this source.

**326 IAC 2-6 (Emission Reporting)**

This source is subject to 326 IAC 2-6 (Emission Reporting) because it is required to have an operating permit under 326 IAC 2-7, Part 70 program. Pursuant to this rule, the Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. In accordance with the compliance schedule specified in 326 IAC 2-6-3, an emission statement must be submitted annually by July 1. Therefore, the next emission statement for this source must be submitted by July 1, 2009. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

**326 IAC 5-1 (Opacity Limitations)**

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

**326 IAC 6-4 (Fugitive Dust Emissions Limitations)**

Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.

**326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)**

326 IAC 6-5 applies to sources of fugitive particulate matter emissions located in nonattainment areas for particulate matter. This source is located in Miami County, which is an attainment area for particulate matter. Therefore, 326 IAC 6-5 is not applicable to the source.

**326 IAC 13-3 (Control of Gasoline Reid Vapor Pressure)**

Pursuant to this rule all gasoline distributed to Clark or Floyd Counties between May 1 and September 15 of each year, must meet the federal requirements of Reformulated Gas (RFG) that complies with seven and eight-tenths (7.8) pounds per square inch low Reid Vapor Pressure (RVP) gasoline, federal reformulated gasoline, or ethanol blended low RVP gasoline. Transfer documents are required as specified in 326 IAC 13-3-4 (Record keeping requirements).

**State Rule Applicability – Loading Rack**

**326 IAC 6-3-2 (Particulate Emissions Limitations for Manufacturing Processes)**

The requirements of 326 IAC 6-3-2 apply to facilities at manufacturing sources that have the potential to emit particulate. This source is not a manufacturing source and the loading rack does not have the potential to emit PM. Therefore, the loading rack is not subject to 326 IAC 6-3-2.

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

The requirements of 326 IAC 8-1-6 apply to new facilities, as of January 1, 1980, that have potential emissions of twenty-five (25) tons or more per year and are not regulated by other provisions of 326 IAC 8. The loading rack is regulated by the requirements of 326 IAC 8-4-4. Therefore, the loading rack is not subject to 326 IAC 8-1-6.

**326 IAC 8-4-4 (Bulk gasoline terminals)**

The proposed submerged gasoline loading rack is subject to the requirements of 326 IAC 8-4-4 since it was constructed after the January 1, 1980 applicability date of this rule. This rule requires that:

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

326 IAC 8-4-5 (Petroleum sources gasoline plants)

The proposed submerged gasoline loading rack is not subject to the requirements of 326 IAC 8-4-5 since the source is a bulk gasoline terminal and not a bulk gasoline plant.

326 IAC 8-4-9 (Leaks from transports and vapor collection systems, records)

The source is subject to the requirements of 326 IAC 8-4-9 because the source operates a vapor control system. The requirements are as follows:

- (a) This section is applicable to the following:
  - (1) All vapor balance systems and vapor control systems at sources subject to sections 4 through 6 of this rule.
  - (2) All gasoline transports subject to section 7 of this rule.
- (b) No person shall allow a gasoline transport that is subject to this rule and that has a capacity of two thousand (2,000) gallons or more to be filled or emptied unless the gasoline transport completes the following:
  - (1) Annual leak detection testing before the end of the twelfth calendar month following the previous year's test, according to test procedures contained in 40 CFR 63.425(e), as follows:
    - (A) Conduct the pressure and vacuum tests for the transport's cargo tank using a time period of five (5) minutes. The initial pressure for the pressure test shall be four hundred sixty (460) millimeters H<sub>2</sub>O (eighteen (18) inches H<sub>2</sub>O) gauge. The initial vacuum for the vacuum test shall be

one hundred fifty (150) millimeters H<sub>2</sub>O (six (6) inches H<sub>2</sub>O) gauge. The maximum allowable pressure or vacuum change is twenty-five (25) millimeters H<sub>2</sub>O (one (1) inch H<sub>2</sub>O) in five (5) minutes.

- (B) Conduct the pressure test of the cargo tank's internal vapor valve as follows:
  - (i) After completing the test under clause (A), use the procedures in 40 CFR 60, Appendix A, Method 27\* to repressurize the tank to four hundred sixty (460) millimeters H<sub>2</sub>O (eighteen (18) inches H<sub>2</sub>O) gauge. Close the transport's internal vapor valve or valves, thereby isolating the vapor return line and manifold from the tank.
  - (ii) Relieve the pressure in the vapor return line to atmospheric pressure, then reseal the line. After five (5) minutes, record the gauge pressure in the vapor return line and manifold. The maximum allowable five (5) minute pressure increase is one hundred thirty (130) millimeters H<sub>2</sub>O (five (5) inches H<sub>2</sub>O).
- (2) Repairs by the gasoline transport owner or operator, if the transport does not meet the criteria of subdivision (1), and retesting to prove compliance with the criteria of subdivision (1).
- (c) The annual test data remain valid until the end of the twelfth calendar month following the test. The owner of the gasoline transport shall be responsible for compliance with subsection (b) and shall provide the owner of the loading facility with the most recent valid modified 40 CFR 60, Appendix A, Method 27 test results upon request. The owner of the loading facility shall take all reasonable steps, including reviewing the test date and tester's signature, to ensure that gasoline transports loading at its facility comply with subsection (b).
- (d) The owner or operator of a vapor balance system or vapor control system subject to this rule shall:
  - (1) design and operate the applicable system and the gasoline loading equipment in a manner that prevents:
    - (A) gauge pressure from exceeding four thousand five hundred (4,500) pascals (eighteen (18) inches of H<sub>2</sub>O) and a vacuum from exceeding one thousand five hundred (1,500) pascals (six (6) inches of H<sub>2</sub>O) in the gasoline transport;
    - (B) except for sources subject to 40 CFR 60.503(b)\* (NESHAP/MACT) or 40 CFR 63. 425(a)\* (New Source Performance Standards) requirements, a reading equal to or greater than h- twenty-one thousand (21,000) parts per million as propane, from all points on the perimeter of a potential leak source when measured by the method referenced in 40 CFR 60, Appendix A, Method 21\*, or an equivalent procedure approved by the commissioner during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
    - (C) avoidable visible liquid leaks during loading or unloading operations at gasoline dispensing facilities, bulk plants, and bulk terminals; and
  - (2) within fifteen (15) days, repair and retest a vapor balance, collection, or control system that exceeds the limits in subdivision (1).

- (e) The department may, at any time, monitor a gasoline transport, vapor balance, or vapor control system to confirm continuing compliance with subsection (b) or (c).
- (f) The owner or operator of a vapor balance or vapor control system subject to this section shall maintain records of all certification testing. The records shall identify the following:
  - (1) The vapor balance, vapor collection, or vapor control system.
  - (2) The date of the test and, if applicable, retest.
  - (3) The results of the test and, if applicable, retest.

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

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

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

- (h) If the commissioner allows alternative test procedures in subsection (b)(1) or (d)(1)(B), such method shall be submitted to the U.S. EPA as a SIP revision.
- (i) During compliance tests conducted under 326 IAC 3-6 (stack testing), each vapor balance or control system shall be tested applying the standards described in subsection (d)(1)(B). Testers shall use 40 CFR 60, Appendix A, Method 21 to determine if there are any leaks from the hatches and the flanges of the gasoline transports. If any leak is detected, the transport cannot be used for the capacity of the compliance test of the bulk gas terminal. The threshold for leaks shall be ten thousand (10,000) parts per million methane for all bulk gas terminals subject to a New Source Performance Standard.

### **State Rule Applicability – Storage Tanks**

#### **326 IAC 8-4-3 (Petroleum liquid storage facilities)**

- (a) Storage Tanks 90 through 96, Sump and 97E and 97W are not subject to the requirements of 326 IAC 8-4-3 because all of these storage tanks were constructed prior to the applicability date of January 1, 1980.
- (b) Storage Tanks 98A and 98B, permitted in 2008, with capacities of 15,000 gallons and 29,000 gallons, respectively, are also not subject to this rule since their capacities are each less than 39,000 gallons.
- (c) Fuel Use, Office Fuel and Cetane Tanks, having capacities of 270, 3,000 and 1,000 gallons, respectively, are also not subject to this rule since their capacities are each less than 39,000 gallons.

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

326 IAC 8-9 applies to stationary vessels used to store volatile organic liquid (VOL) that are located in Clark, Floyd, Lake or Porter County. This source is located in Miami County. Therefore, no facilities at this source are subject to 326 IAC 8-9.

### Testing Requirements

In order to demonstrate compliance with NSPS 40 CFR 60, Subpart XX (Standards of Performance for Bulk Gasoline Terminals), the Permittee shall perform testing of the VOC emissions from the loading rack. The testing shall be done in compliance with the testing methods set forth in the applicable conditions of NSPS 40 CFR 60, Subpart XX. This test shall be repeated at least once every five (5) years from the date of the previous valid compliance demonstration.

### 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 monitoring requirements applicable to this source are as follows:

- (a) The loading rack has applicable compliance determination conditions as specified below:

To document compliance with Subpart XX, the Permittee shall perform daily checks of the key operating parameters, including flame presence, temperatures at flare inlet, outlet and combustion zone, and exit gas velocity.

This monitoring condition is necessary to comply with Subpart XX and 326 IAC 2-7 and to satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring (CAM).
- (b) The storage tanks and loading rack have applicable compliance determination conditions as specified below:
  - (1) Measure the daily gasoline and petroleum distillate flow rate to the loading racks and storage tanks.
  - (2) Calibrate the flow meters on the loading rack at least once per month. The instrument used for determining the flow shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ.

- (3) In the event that a flow meter failure has been observed, the affected compartments of the loading rack associated with that flow meter will be shut down immediately until the failed flow meter has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the emergency provisions of this permit (Section B- Emergency Provisions). Within eight (8) business hours of the determination of failure, response steps according to the timetable described in Section C - Response to Excursions or Exceedances shall be initiated. For any failure with corresponding response steps and timetable not described in Section C - Response to Excursions or Exceedances, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

These monitoring conditions are necessary because the gasoline throughput limit to the loading racks and storage tanks are necessary to render the applicability of NESHAP Subpart R not applicable and show compliance with 326 IAC 2-7.

### **Recommendation**

The staff recommends to the Commissioner that the Part 70 Operating Permit Renewal be approved. This recommendation is based on the following facts and conditions:

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

An application for the purposes of this review was received on August 27, 2007.

### **Conclusion**

The operation of this stationary bulk storage and wholesale distribution of petroleum products source shall be subject to the conditions of the attached Part 70 Operating Permit Renewal No. T103-25203-00011

**Appendix A : Emissions Calculations  
Emissions Summary**

**Company Name: Countrymark Cooperative, LLP**  
**Address: 1765 West Logansport Road, Peru IN 46970**  
**Permit Number: 103-25203-00011**  
**Permit Reviewer: Summer Keown**  
**Date: December 10, 2008**

**Unlimited Potential Emissions**

<b>Emissions Unit</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>SO2</b>	<b>VOC</b>	<b>CO</b>	<b>NOx</b>	<b>Single HAP</b>	<b>Total HAPs</b>
Storage Tank 90	negl.	negl.	negl.	0.00	316.17	0.00	0.00	2.43 (hexane)	6.81
Storage Tank 91	negl.	negl.	negl.	0.00	2.21	0.00	0.00	0.02 (hexane)	0.05
Storage Tank 92	negl.	negl.	negl.	0.00	316.17	0.00	0.00	1.55 (toluene)	6.81
Storage Tank 93	negl.	negl.	negl.	0.00	538.70	0.00	0.00	4.15 (hexane)	11.60
Storage Tank 94	negl.	negl.	negl.	0.00	636.19	0.00	0.00	4.90 (hexane)	13.70
Storage Tank 95	negl.	negl.	negl.	0.00	6.54	0.00	0.00	0.05 (hexane)	0.14
Storage Tank 96	negl.	negl.	negl.	0.00	548.37	0.00	0.00	4.22 (hexane)	11.81
Storage Tank 97E	negl.	negl.	negl.	0.00	4.78	0.00	0.00	0.04 (hexane)	0.10
Storage Tank 97W	negl.	negl.	negl.	0.00	4.78	0.00	0.00	0.04 (hexane)	0.10
Loading Rack	negl.	negl.	negl.	0.00	1011.78	0.00	0.00	0.46 (hexane)	1.27
Insignificant Activities	5.00	4.00	4.00	5.00	1.00	1.00	1.00	negl.	negl.
<b>Total</b>	<b>5.00</b>	<b>4.00</b>	<b>4.00</b>	<b>5.00</b>	<b>3386.69</b>	<b>1.00</b>	<b>1.00</b>	<b>18.28 (hexane)</b>	<b>52.39</b>

**Limited Potential Emissions**

<b>Emissions Unit</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>SO2</b>	<b>VOC*</b>	<b>CO</b>	<b>NOx</b>	<b>Single HAP</b>	<b>Total HAPs</b>
Storage Tank 90	negl.	negl.	negl.	0.00	167.5701	0.00	0.00	< 6.68 (hexane)**	< 24.1**
Storage Tank 91	negl.	negl.	negl.	0.00	1.1713	0.00	0.00		
Storage Tank 92	negl.	negl.	negl.	0.00	167.5701	0.00	0.00		
Storage Tank 93	negl.	negl.	negl.	0.00	285.51	0.00	0.00		
Storage Tank 94	negl.	negl.	negl.	0.00	337.1807	0.00	0.00		
Storage Tank 95	negl.	negl.	negl.	0.00	3.4662	0.00	0.00		
Storage Tank 96	negl.	negl.	negl.	0.00	290.6361	0.00	0.00		
Storage Tank 97E	negl.	negl.	negl.	0.00	2.5334	0.00	0.00		
Storage Tank 97W	negl.	negl.	negl.	0.00	2.5334	0.00	0.00		
Loading Rack	negl.	negl.	negl.	0.00	59.11	0.00	0.00		
Insignificant Activities	5.00	4.00	4.00	5.00	1.00	1.00	1.00	negl.	negl.
<b>Total</b>	<b>5.00</b>	<b>4.00</b>	<b>4.00</b>	<b>5.00</b>	<b>1318.28</b>	<b>1.00</b>	<b>1.00</b>	<b>6.68 (hexane)</b>	<b>24.1</b>

\*Limited total HAPs were reduced by 53% from their unlimited potential. IDEM has assumed that the limited VOC for the storage tanks will also be reduced by 53% percent. The reduced VOC does not change any federal or state rule applicability.

\*\*HAPs are limited through limits taken to avoid being subject to the requirements of 40 CFR 63, Subpart R.

Appendix A : Emissions Calculations  
 Tank VOC Emissions

Company Name: Countrymark Cooperative, LLP  
 Address: 1765 West Logansport Road, Peru IN 46970  
 Permit Number: 103-25203-00011  
 Permit Reviewer: Summer Keown  
 Date: December 10, 2008

Tank No.	Tank Type	Tank Capacity (gallons)	Worst Case Stored Material	Fillrate, gal/hr	Maximum Throughput gal/year	Maximum Turnovers	Standing Loss (lb/yr)	Working Loss (lb/yr)	Potential Standing Loss (tons/yr)	Potential Working Loss (tons/yr)	Total Loss (tons/yr)
90	Cone	993,500	Gasoline (RVP 15)	18,300	160,308,000	161	43,977.78	588,367.25	21.98889	294.183625	316.17
91	IFR	414,300	Gasoline (RVP 15)	18,300	160,308,000	387	3,701.86	719.98	1.85093	0.35999	2.21
92	Cone	993,500	Gasoline (RVP 15)	18,300	160,308,000	161	43,977.78	588,367.25	21.98889	294.183625	316.17
93	Cone	2,235,400	Gasoline (RVP 15)	18,300	160,308,000	72	99,068.02	978,322.47	49.53401	489.161235	538.70
94*	Variable Space - 14,000 bbl exp	2,290,000	Gasoline (RVP 15)	18,300	160,308,000	70				636.19	636.19
95	IFR	2,187,800	Gasoline (RVP 15)	18,300	160,308,000	73	12,748.95	336.06	6.374475	0.16803	6.54
96	Cone	2,231,300	Gasoline (RVP 15)	18,300	160,308,000	72	120,214.00	976,528.10	60.107	488.26405	548.37
97E	Cone	19,400	Gasoline (RVP 15)	146	1,278,960	66	8,288.25	1,270.74	4.144125	0.63537	4.78
97W	Cone	19,400	Gasoline (RVP 15)	146	1,278,960	66	8,288.25	1,270.74	4.144125	0.63537	4.78

**Total VOC Emissions (tons/yr)**

2373.91374

\* Tank No. 94 (Variable Space) Potential Working Loss (tons/yr) provided by source  
 Standing Loss (lb/yr) and Working Loss (lb/yr) computed through TANKS 4.0.9d Software

**Appendix A : Emissions Calculations  
Tank HAP Emissions**

**Company Name: Countrymark Cooperative, LLP**  
**Address: 1765 West Logansport Road, Peru IN 46970**  
**Permit Number: 103-25203-00011**  
**Permit Reviewer: Summer Keown**  
**Date: December 10, 2008**

**HAP Emissions**

Gasoline (Premium and Regular)*	Liquid Mass Fraction (lb HAP/lb liquid)	Vapor Mass Fraction (lb HAP/lb vapor)
Benzene	0.0067	0.0015
Ethylbenzene	0.0124	0.0005
Toluene	0.0621	0.0049
Xylene	0.0737	0.0026
n-Hexane	0.0211	0.0077
Napthalene	0.0028	0.0001
Isopropylbenzene (Cumene)	0.0014	0.00004
Trimethylpentane (2,2,4)	0.033	0.0042
<b>Total</b>	<b>0.2132</b>	<b>0.02154</b>

\* Gasoline speciation based on Countrymark gasoline sample (10/07)

Tank Number	Potential Emissions Tons/Year						
	VOC	Benzene	Ethylbenzene	Toluene	Xylene	n-Hexane	Napthalene
90	316.17	0.47	0.16	1.55	0.82	2.43	0.03
91	2.21	0.00	0.00	0.01	0.01	0.02	0.00
92	316.17	0.47	0.16	1.55	0.82	2.43	0.03
93	538.70	0.81	0.27	2.64	1.40	4.15	0.05
94	636.19	0.95	0.32	3.12	1.65	4.90	0.06
95	6.54	0.01	0.00	0.03	0.02	0.05	0.00
96	548.37	0.82	0.27	2.69	1.43	4.22	0.05
97E	4.78	0.01	0.00	0.02	0.01	0.04	0.00
97W	4.78	0.01	0.00	0.02	0.01	0.04	0.00
<b>Total</b>	<b>2373.91</b>	<b>3.56</b>	<b>1.19</b>	<b>11.63</b>	<b>6.17</b>	<b>18.28</b>	<b>0.24</b>

Potential HAP emissions (tons/year) = Vapor Mass Fraction (lb HAP/lb vapor) x VOC emissions (tons/year)

HAP per tank (tons/year) = summation of individual HAPs

HAP Total (tons/year) = summation of emissions from all tanks for each HAP

**Appendix A : Emissions Calculations  
Loading Rack VOC and HAP Emissions**

**Company Name: Countrymark Cooperative, LLP  
Address: 1765 West Logansport Road, Peru IN 46970  
Permit Number: 103-25203-00011  
Permit Reviewer: Summer Keown  
Date: December 10, 2008**

**Uncontrolled Potential Emissions**

46,200 gallons per hour gasoline loading  
46.2 1000 gallons per hour  
5 pounds of VOC per 1000 gallons (Emission Factor: AP-42 Table 5.2-5, submerged loading)  
0 % control  
231 pounds of VOC per hour  
1011.78 tons of VOC per year

**Controlled Potential Emissions - NSPS XX**

46,200 gallons per hour gasoline loading  
174,885 Liters per hour  
35 milligrams per Liter, NSPS Limitation  
6,120,975 milligrams per hour  
2.2046E-06 pound per milligram  
13.49 pounds per hour  
59.11 tons of VOC per year

Gasoline (Premium and Regular)*	Liquid Mass Fraction (lb HAP/lb liquid)	Vapor Mass Fraction (lb HAP/lb vapor)
Benzene	0.0067	0.0015
Ethylbenzene	0.0124	0.0005
Toluene	0.0621	0.0049
Xylene	0.0737	0.0026
n-Hexane	0.0211	0.0077
Napthalene	0.0028	0.0001
Isopropylbenzene (Cumene)	0.0014	0.00004
Trimethylpentane (2,2,4)	0.033	0.0042
<b>Total</b>	<b>0.2132</b>	<b>0.02154</b>

\* Gasoline speciation based on Countrymark gasoline sample (10/07)

	Potential Emissions, Tons/Year									
	VOC	Benzene	Ethylbenzene	Toluene	Xylene	n-Hexane	Napthalene	Isopropyl-benzene (Cumene)	Trimethyl-pentane	Total HAP
Gasoline Loading - Uncontrolled Potential	1011.78	1.518	0.506	4.958	2.631	7.791	0.101	0.040	4.249	21.794
Gasoline Loading - Controlled Potential	59.11	0.09	0.03	0.29	0.15	0.46	0.01	0.00	0.25	1.27

**Methodology**

Uncontrolled Potential Emissions (pounds of VOC/hour) = gasoline loading (kgal/hr) x emission factor (lb/kgal)  
 Uncontrolled Potential Emissions (tons of VOC/year) = Uncontrolled Potential Emissions (pounds per hour) x 8760 (hours/year) x (1 ton/2000 lbs)  
 Controlled Potential Emissions (pounds of VOC/hour) = gasoline loading (L/hour) x NSPS Limitation (mg/L) x 2.2046E-06 (lb/mg)  
 Controlled Potential Emissions (tons of VOC/year) = Controlled Potential Emissions (pounds per hour) x 8760 (hours/year) x (1 ton/2000 lbs)  
 Uncontrolled Potential HAP Emissions (tons/year) = Uncontrolled Potential VOC (tons/year) x Vapor Mass Fraction (lb HAP/lb vapor)  
 Controlled Potential HAP Emissions (tons/year) = Controlled Potential VOC (tons/year) x Vapor Mass Fraction (lb HAP/lb vapor)