INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
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(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

To: Interested Parties

Date: March 25, 2021

From: Jenny Acker, Chief
Permits Branch
Office of Air Quality

Source Name: Tanco Terminals, Inc.

Permit Level: Title V Operating Permit

Permit Number: 127-43091-00046

Source Location: 400 East Boundary Road, Portage, IN 46368

Type of Action Taken: Initial Permit

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 matter referenced above.

The final decision is available on the IDEM website at: http://www.in.gov/apps/idem/caats/
To view the document, choose Search Option **by Permit Number**, then enter permit 43091.

The final decision is also available via IDEM's Virtual File Cabinet (VFC). Please go to: http://www.IN.idem/gov and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

If you would like to request a paper copy of the permit document, please contact IDEM's Office of Records Management:

IDEM - Office of Records Management
Indiana Government Center North, Room 1207
100 North Senate Avenue
Indianapolis, IN 46204
Phone: (317) 232-8667
Fax: (317) 233-6647
Email: IDEMFILEROOM@idem.in.gov

Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, 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, Room N103, 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 impractible to raise such issues, or if the grounds for such objection arose after the comment period.

The EPA requests that you file title V petitions electronically through the Central Data Exchange. To do so, please go to: https://cdx.epa.gov/

If you tried but you are unable to use the Central Data Exchange to file your petition, the EPA requests that you send your petition and associated attachments via email to: titleVpetitions@epa.gov.

If you have made every effort to electronically submit your petition but are simply unable to successfully do so, please submit a hardcopy of your petition to the following address:

US EPA
Office of Air Quality Planning and Standards
Air Quality Policy Division
Operating Permits Group Leader
109 T.W. Alexander Dr. (C-504-01)
Research Triangle Park, NC 27711

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

Enclosures
Decision-Title V Operating 9/27/17

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Commissioner

Part 70 Operating Permit
OFFICE OF AIR QUALITY

Tanco Terminals, Inc.
400 East Boundary Road
Portage, Indiana 46368

(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.: T 127-43091-00046 Master Agency Interest ID: 10682	
Issued by: Brian Williams, Section Chief Permits Branch Office of Air Quality	Issuance Date: March 25, 2021 Expiration Date: March 25, 2026

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Attachment A: Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 [40 CFR 60, Subpart Ka]

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.4 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(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary liquid organic compound storage terminal.

Source Address:	400 East Boundary Road, Portage, Indiana 46368
General Source Phone Number:	(219) 937-4460
SIC Code:	4226 (Special Warehousing and Storage, Not Elsewhere Classified)
County Location:	Porter
Source Location Status:	Nonattainment for 8-hour ozone standard Attainment for all other criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under Emission Offset Rules Minor Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 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(14)]

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

(a) One (1) rail and semi-tanker loading rack operation, identified as LR1, with a maximum pumping capacity of 700 gallons of volatile organic liquids per minute and constructed in 1978.

(b) Two (2) above ground organic liquid storage tanks, identified as ST-3 and ST-5, each with a maximum capacity of 840,000 gallons, exhausting at two (2) emissions points (S/V ID: V3 and V5), respectively (Tanks ST-3 and ST-5 were constructed in 1978 and 1983, respectively).

Under 40 CFR 60, Subpart Ka, this is an affected facility.

(c) One (1) above ground organic liquid storage tank, identified as ST-4, with a maximum capacity of 1,008,000 gallons, exhausting at one (1) emission point (S/V ID: V4), and constructed in 1981.

Under 40 CFR 60, Subpart Ka, this is an affected facility.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

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

(a) Natural gas-fired combustion sources with heat input equal or less than ten (10) MMBtu/hr.

(1) One (1) natural gas fired thermal fluid heater rated at maximum heat capacity of 9.0 MMBtu/hr (constructed in 1998).

(2) One (1) natural gas fired boiler, identified as EU-B1, rated at maximum heat capacity of 7.5 MMBtu/hr (constructed in 1964).

(b) Forced and induced draft cooling water system not regulated under a NESHAP.

(c) Paved and unpaved roads and parking lots with public access.

(d) Blowdown of any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

(e) Other categories with emissions below insignificant thresholds (i.e. less than 3 pounds per hour VOC).

(1) Two (2) liquid asphalt storage tanks, identified as ST-1 and ST-2, each with maximum storage capacity of 2,730,000 gallons (both constructed in 1977).

(2) One (1) liquid asphalt storage tank, identified as ST-6, with a maximum storage capacity of 2,352,000 gallons (constructed in 1999).

(3) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-7, with a maximum storage capacity of 40,300 gallons (constructed in 2008).

(4) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-8, with a maximum storage capacity of 635,436 gallons (constructed in 2008).

(5) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-9, permitted in 2015, with a maximum storage capacity of 845,726 gallons and a maximum throughput of 2,433,000 gallons per year.

(6) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-10, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(7) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-11, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(8) One (1) heated, fixed roof, above ground, liquid asphalt crack sealer storage tank, identified as ST-12, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

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

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

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

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

(c) It is an affected source under Title IV (Acid Deposition Control) of the Clean Air Act, as defined in 326 IAC 2-7-1(3);

SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

(a) This permit, T 127-43091-00046, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit or of permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control).

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]

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)]

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ, 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. 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) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:

(1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent 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(35).

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. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 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 5
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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

(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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

B.11 Emergency Provisions [326 IAC 2-7-16]

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

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the

affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

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

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

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northwest Regional Office phone: (219) 464-0233; fax: (219) 464-0553**.**

(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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)(8) 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.

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

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

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

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

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

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

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

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

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

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

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

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

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

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

(a) All terms and conditions of permits established prior to T 127-43091-00046 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised under 326 IAC 2-7-10.5, or

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

(b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit, except for permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control)

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

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.16 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(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit 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, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12] [40 CFR 72]

(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) Pursuant to 326 IAC 2-7-11(b) and 326 IAC 2-7-12(a), administrative Part 70 operating permit amendments and permit modifications for purposes of the acid rain portion of a Part 70 permit shall be governed by regulations promulgated under Title IV of the Clean Air Act. [40 CFR 72]

(c) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(d) 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.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]

(a) No Part 70 permit revision or notice 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.19 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (c) 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
Permit 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 5
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)(1) and (c)(1). 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) and (c)(1).

(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(37)) 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.

(f) This condition does not apply to emission trades of SO_2 or NO_X under 326 IAC 21.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.21 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.22 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.23 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 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 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 5-1-1 (Applicability) and 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 except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

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(c).

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

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 61-53 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 that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

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

(a) For performance testing required by this permit, 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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]

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)]

(a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

(b) For existing units:
Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. The analog instrument shall be capable of measuring values outside of the normal range.

(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.11 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68]

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

C.12 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

(a) The Permittee shall take reasonable response steps to 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 excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning 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 normal or usual manner of operation.

(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 record the reasonable response steps taken.

C.13 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 submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

C.14 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) and 326 IAC 2-6-3(b)(1), the Permittee shall submit by July 1 an emission statement covering the previous calendar year as follows:

(1) starting in 2004 and every three (3) years thereafter, and

(2) any year not already required under (1) if the source emits volatile organic compounds or oxides of nitrogen into the ambient air at levels equal to or greater than twenty-five (25) tons during the previous calendar year.

(b) The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(33) (“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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.15 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2][326 IAC 2-3]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

(AA) All calibration and maintenance records.
(BB) All original strip chart recordings for continuous monitoring instrumentation.
(CC) Copies of all reports required by the Part 70 permit.

Records of required monitoring information include the following, where applicable:

(AA) The date, place, as defined in this permit, and time of sampling or measurements.
(BB) The dates analyses were performed.
(CC) The company or entity that performed the analyses.
(DD) The analytical techniques or methods used.
(EE) The results of such analyses.
(FF) The operating conditions as existing at the time of sampling or measurement.

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, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

(c) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a “project” (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) 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(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

(1) Before beginning actual construction of the “project” (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) 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(pp)(2)(A)(iii) and/or 326 IAC 2-3-1 (kk)(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 326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) 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(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), 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.16 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2][326 IAC 2-3]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that 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. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

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) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. 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.

(e) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (oo) and/or 326 IAC 2-3-1 (jj)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (ww) and/or 326 IAC 2-3-1 (pp), for that regulated NSR pollutant, and

(2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).

(f) The report for project at an existing emissions *unit* shall be submitted no later than sixty (60) days after the end of the year and contain the following:

(1) The name, address, and telephone number of the major stationary source.

(2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

(4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part 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

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

Stratospheric Ozone Protection

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

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) rail and semi-tanker loading rack operation, identified as LR1, with a maximum pumping capacity of 700 gallons of volatile organic liquids per minute and constructed in 1978.

(b) Two (2) above ground organic liquid storage tanks, identified as ST-3 and ST-5, each with a maximum capacity of 840,000 gallons, exhausting at two (2) emissions points (S/V ID: V3 and V5), respectively (Tanks ST-3 and ST-5 were constructed in 1978 and 1983, respectively).

Under 40 CFR 60, Subpart Ka, this is an affected facility

(c) One (1) above ground organic liquid storage tank, identified as ST-4, with a maximum capacity of 1,008,000 gallons, exhausting at one (1) emission point (S/V ID: V4), and constructed in 1981.

Under 40 CFR 60, Subpart Ka, this is an affected facility

(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 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1][326 IAC 8-6][326 IAC 8-7][40 CFR 63]

(a) The total throughput of volatile organic liquids through the storage tanks ST-3, ST-4, and ST-5 shall be limited such that the total VOC emissions from storage tanks ST-3, ST-4, and ST-5 shall be less than seventy-four (74) tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The total throughput of volatile organic liquids through the rail and semi-tank loading operation (LR1) from storage tanks ST-3, ST-4, and ST-5 shall be limited such that the total VOC emissions shall be less than twenty-four (24) tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

(c) The total throughput of volatile organic liquids through storage tanks ST-3, ST-4, and ST-5, including emissions from the storage tanks and associated losses from the rail and semi-tanker loading rack (LR1), shall be limited such that the HAP emissions shall be less than nine (9) tons for a single HAP, and twenty-four (24) tons for total HAPs, per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with these limits, in conjunction with the PTE of VOC and HAPs from all other emissions units, shall limit the VOC, single HAP, and total HAPs emissions from the entire source to less than one-hundred (100), ten (10), and twenty-five (25) tons, respectively, per twelve (12) consecutive month period. Therefore, the requirements of IAC 8-6 (Organic Solvent Emission Limitations) are rendered not applicable. Also, the requirements of 326 IAC 2-4.1 (Major Source of Hazardous Air Pollutants) are rendered not applicable, and the entire source is rendered an area source of HAP emissions under Section 112 of the Clean Air Act (CAA).

Compliance with these limits shall limit the VOC emissions from the rail and semi-tanker loading rack (LR1) to less than twenty four (24) tons per twelve (12) consecutive month period. This LR1

limit, in conjunction with the PTE of the natural gas fluid heater and boiler and the asphalt loading, shall limit the applicable facilities to less than 25 tons combined VOC per twelve (12) consecutive month period. Therefore 326 IAC 8-7 is rendered not applicable.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-9-1]

Pursuant to 326 IAC 8-9-1 (Volatile Organic Liquid Storage Vessels), any change or modification, for the storage tanks ST-3, ST-4, and ST-5, that would lead to an increase in true vapor pressure of the volatile organic liquid, as stored, to equal to or greater than 0.75 psia at the temperature stored, shall obtain approval from the Office of Air Quality (OAQ), as required by 326 IAC 8-9-1, before such change can occur.

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for these facilities and any control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

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

D.1.4 VOC and HAP

(a) Compliance with the VOC emission limitations in Condition D.1.1(a) shall be determined as follows:

$VOC_{(TONS/MONTH)} = Tanks_{Loss(LBS/MONTH)} \times 1/2000_{(LBS/TON}$

$Tanks_{Loss}$ VOC emissions from tank storage and filling of tanks ST-3, ST-4, and ST-5 shall be calculated using USEPA's TANKS program (version 4.0 or its updates).

(b) Compliance with the VOC emission limitations in Condition D.1.1(b) shall be determined as follows:

$VOC_{(TONS/MONTH)} = L_{Loss\ (LBS/MONTH)} \times 1/2000_{(LBS/TON)}$

Where: $L_{LOSS} = \sum_i \left((12.46 \times (S_i \times P_i \times M_i) \div T_i) \times Loaded\ Liquid_i\ 1{,}000\ gal \right)$ (*eq.1*)

S_i = a saturation factor for loaded liquid *i* (see Table 5.2-1, AP-42 Section 5.2)
P_i = true vapor pressure of liquid *i*, pounds per square inch absolute (psia)
M_i = molecular weight of vapors of *i*, pounds per pound-mole (lb/lb-mole)
T_i = temperature of bulk liquid *i*, °R (°F + 460)

(c) Compliance with the HAP emission limitations in Condition D.1.1(c) shall be determined as follows:

$HAP_{(TONS/MONTH)} = [L_{Loss\ (LBS/MONTH)} + Tanks_{Loss\ (LBS/MONTH)}] \times 1/2000_{(LBS/TON)}$

Where $Tanks_{Loss}$ for HAP is calculated using USEPA's TANKS program (version 4.0 or its updates) and L_{LOSS} for the HAP is calculated using the equation 1 in section (b) above.

(d) For liquid mixtures that only contain a fraction of HAP, P_i for the HAP for equation 1 can be calculated from Raoult's law:

$P_i = x_i \times P_{tot}$

Where: $x_i =$ mole fraction of HAP of the mixture,

P_{tot} = total vapor pressure of the mixture

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

D.1.5 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.1 the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be compiled monthly and shall be complete and sufficient to establish compliance with the usage limits and/or the VOC and HAP emission limits established in Condition D.1.1.

(1) The amount of each type of volatile organic liquid throughput per month for storage tanks ST-3, ST-4, and ST-5. Records shall include those documents as necessary to verify the type and amount of throughput. Examples may include, but are not limited to, shipping documents, bills of loading, purchase orders, pipeline schedules, throughput summaries, Material Safety Data Sheets, and/or other records that document volumes of the specific regulated material transferred.

(2) Total amount of each type of volatile organic liquid throughput for each 12 consecutive month period for storage tanks ST-3, ST-4, and ST-5.

(b) Pursuant to 326 IAC 8-9-6 (Volatile Organic Liquid Storage Vessels), storage tanks identified as ST-3, ST-4, and ST-5 are subject to the following record keeping requirements.

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

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

(3) Except as provided in 326 IAC 8-9-6(f) and (g), the Permittee of each storage vessel either with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons storing a liquid with a maximum true vapor pressure greater than or equal to five-tenths (0.5) pound per square inch absolute (psia) but less than seventy-five hundredths (0.75) psia shall maintain a record of the maximum true vapor pressure of the VOL, a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

(4) Except as provided in paragraph 326 IAC 8-9-6(g), the Permittee of each storage vessel either with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia shall maintain a record and notify the Administrator (IDEM) within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(c) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required by this condition.

D.1.6 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.1 shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) Natural gas-fired combustion sources with heat input equal or less than ten (10) MMBtu/hr.

(1) One (1) natural gas fired thermal fluid heater rated at maximum heat capacity of 9.0 MMBtu/hr (constructed in 1998).

(2) One (1) natural gas fired boiler, identified as EU-B1, rated at maximum heat capacity of 7.5 MMBtu/hr (constructed in 1964).

(e) Other categories with emissions below insignificant thresholds (i.e. less than 3 pounds per hour VOC).

(1) Two (2) liquid asphalt storage tanks, identified as ST-1 and ST-2, each with maximum storage capacity of 2,730,000 gallons (both constructed in 1977).

(2) One (1) liquid asphalt storage tank, identified as ST-6, with a maximum storage capacity of 2,352,000 gallons (constructed in 1999).

(3) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-7, with a maximum storage capacity of 40,300 gallons (approved for construction in 2008).

(4) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-8, with a maximum storage capacity of 635,436 gallons (approved for construction in 2008).

(5) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-9, permitted in 2015, with a maximum storage capacity of 845,726 gallons and a maximum throughput of 2,433,000 gallons per year.

(6) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-10, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(7) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-11, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(8) One (1) heated, fixed roof, above ground, liquid asphalt crack sealer storage tank, identified as ST-12, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(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.2.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-2]

Pursuant to 326 IAC 6-2-2(a) (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1(b)), particulate emissions from Boiler

EU-B1, which was existing and in operation on or before June 8, 1972, shall be limited to 0.6 pounds of particulate matter per million British thermal units heat input.

D.2.2 Particulate Matter Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Limitations for Sources of Indirect Heating), the PM emissions from the natural gas fired thermal fluid heater shall be limited to 0.526 pounds per MMBtu heat input.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for these facilities and any control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

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

D.2.4 Record Keeping Requirements [326 IAC 8-9-6]

(a) Pursuant to 326 IAC 8-9-6 (Volatile Organic Liquid Storage Vessels), storage tanks identified as ST-1, ST-2, ST-6, ST-7, ST-8, ST-9, ST-10, ST-11, and ST-12 are subject to the following record keeping requirements.

(1) The owner or operator of tanks ST-1, ST-2, ST-6, ST-7, ST-8, ST-9, ST-10, ST-11, and ST-12 shall maintain the records required by paragraph (b) for the life of the vessel.

(2) The owner or operator of tanks ST-1, ST-2, ST-6, ST-7, ST-8, ST-9, ST-10, ST-11, and ST-12 shall maintain a record and submit to the department (IDEM) a report containing the following information for each vessel:

(i) The vessel identification number.

(ii) The vessel dimensions.

(iii) The vessel capacity.

(iv) A description of the emission control equipment for each vessel.

(b) Except as provided in paragraph 326 IAC 8-9-6(f), the Permittee of each storage vessel with a design capacity greater than or equal to thirty-nine thousand (39,000) gallons, storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia, shall maintain a record and notify the department (IDEM) within 30 days when the maximum true vapor pressure of the liquid exceeds seventy-five hundredths (0.75) psia.

(c) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required by this condition.

SECTION E.1 NSPS

Emissions Unit Description:

(b) Two (2) above ground organic liquid storage tanks, identified as ST-3 and ST-5, each with a maximum capacity of 840,000 gallons, exhausting at two (2) emissions points (S/V ID: V3 and V5), respectively (Tanks ST-3 and ST-5 were constructed in 1978 and 1983, respectively).

Under 40 CFR 60, Subpart Ka, this is an affected facility

(c) One (1) above ground organic liquid storage tank, identified as ST-4, with a maximum capacity of 1,008,000 gallons, exhausting at one (1) emission point (S/V ID: V4), and constructed in 1981.

Under 40 CFR 60, Subpart Ka, this is an affected facility.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]

(a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 60, Subpart Ka.

(b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports 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

E.1.2 Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984 NSPS [326 IAC 12] [40 CFR Part 60, Subpart Ka]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart Ka (included as Attachment A to the operating permit), which are incorporated by reference as 326 IAC 12, for the emission unit(s) listed above:

(1) 40 CFR 60.110a(a)
(2) 40 CFR 60.111a

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: Tanco Terminals, Inc.
Source Address: 400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.: T 127-43091-00046

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: Tanco Terminals, Inc.
Source Address: 400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.: T 127-43091-00046

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**) daytime 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_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone:_____

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

Part 70 Quarterly Report

Source Name:	Tanco Terminals, Inc.
Source Address:	400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.:	T 127-43091-00046
Facility:	Storage Tanks ST-3, ST-4, and ST-5 emissions and associated emissions from the rail and semi-tanker loading rack (LR1)
Parameter:	Highest Single HAP Emissions
Limit:	The total annual throughput of volatile organic liquids through the storage tanks No. ST-3, ST-4 and ST-5 and the rail and semi-tanker loading rack (LR1) shall be limited such that the HAP emissions shall each be less than 9 tons for a single HAP , per twelve (12) consecutive month period with compliance determined at the end of each month.

Quarter:_____ YEAR:_____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

Part 70 Quarterly Report

Source Name:	Tanco Terminals, Inc.
Source Address:	400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.:	T 127-43091-00046
Facility:	Storage Tanks ST-3, ST-4, and ST-5 emissions and associated emissions from the rail and semi-tanker loading rack (LR1)
Parameter:	Total HAP Emissions
Limit:	The total annual throughput of volatile organic liquids through the storage tanks No. ST-3, ST-4 and ST-5 and the rail and semi-tanker loading rack (LR1) shall be limited such that the HAP emissions shall be less than 24 tons for total HAPs, per twelve (12) consecutive month period with compliance determined at the end of each month.

Quarter:_____ YEAR:_____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

Part 70 Quarterly Report

Source Name: Tanco Terminals, Inc.
Source Address: 400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.: T 127-43091-00046
Facility: Rail and semi-tank loading operation (LR1)
Parameter: Total VOC Emissions
Limit: The total annual throughput of volatile organic liquids through the storage tanks No. ST-3, ST-4 and ST-5 and the rail and semi-tanker loading rack (LR1) shall be limited such that the total VOC emissions shall be less than 24 tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

Quarter:_____ YEAR:_____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

Part 70 Quarterly Report

Source Name: Tanco Terminals, Inc.
Source Address: 400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.: T 127-43091-00046
Facility: Storage Tanks ST-3, ST-4, and ST-5
Parameter: Total VOC Emissions
Limit: The total annual throughput of volatile organic liquids through the storage tanks No. ST-3, ST-4 and ST-5 shall be limited such that the total VOC emissions shall be less than 74 tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

Quarter:_____ YEAR:_____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Tanco Terminals, Inc.
Source Address: 400 East Boundary Road, Portage, Indiana 46368
Part 70 Permit No.: T 127-43091-00046

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C-General Reporting. Any deviation from the requirements of this permit, 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".

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

Attachment A

Part 70 Operating Permit No: 127-43091-00046

[Downloaded from the eCFR on May 13, 2013]

Electronic Code of Federal Regulations

Title 40: Protection of Environment

PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

Subpart Ka—Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984

§ 60.110a Applicability and designation of affected facility.

(a) *Affected facility.* Except as provided in paragraph (b) of this section, the affected facility to which this subpart applies is each storage vessel with a storage capacity greater than 151,416 liters (40,000 gallons) that is used to store petroleum liquids for which construction is commenced after May 18, 1978.

(b) Each petroleum liquid storage vessel with a capacity of less than 1,589,873 liters (420,000 gallons) used for petroleum or condensate stored, processed, or treated prior to custody transfer is not an affected facility and, therefore, is exempt from the requirements of this subpart.

(c) *Alternative means of compliance* —(1) *Option to comply with part 65.* Owners or operators may choose to comply with 40 CFR part 65, subpart C, to satisfy the requirements of §§ 60.112a through 60.114a for storage vessels that are subject to this subpart that store petroleum liquids that, as stored, have a maximum true vapor pressure equal to or greater than 10.3 kPa (1.5 psia). Other provisions applying to owners or operators who choose to comply with 40 CFR part 65 are provided in 40 CFR 65.1.

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

[45 FR 23379, Apr. 4, 1980, as amended at 65 FR 78275, Dec. 14, 2000]

§ 60.111a Definitions.

In addition to the terms and their definitions listed in the Act and subpart A of this part the following definitions apply in this subpart:

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

(1) Pressure vessels which are designed to operate in excess of 204.9 kPa (15 psig) without emissions to the atmosphere except under emergency conditions.

(2) Subsurface caverns or porous rock reservoirs, or

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

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

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

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

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

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

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

(h) *Liquid-mounted seal* means a foam or liquid-filled primary seal mounted in contact with the liquid between the tank wall and the floating roof continuously around the circumference of the tank.

(i) *Metallic shoe seal* includes but is not limited to a metal sheet held vertically against the tank wall by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(j) *Vapor-mounted seal* means a foam-filled primary seal mounted continuously around the circumference of the tank so there is an annular vapor space underneath the seal. The annular vapor space is bounded by the bottom of the primary seal, the tank wall, the liquid surface, and the floating roof.

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

[45 FR 23379, Apr. 4, 1980, as amended at 48 FR 3737, Jan. 27, 1983; 52 FR 11429, Apr. 8, 1987; 65 FR 61756, Oct. 17, 2000]

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

(a) The owner or operator of each storage vessel to which this subpart applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip the storage vessel with one of the following:

(1) An external floating roof, consisting of a pontoon-type or double-deck-type cover that rests on the surface of the liquid contents and is equipped with a closure device between the tank wall and the roof edge. Except as provided in paragraph (a)(1)(ii)(D) of this section, the closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal and the upper seal is referred to as the secondary seal. The roof is to be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.

(i) The primary seal is to be either a metallic shoe seal, a liquid-mounted seal, or a vapor-mounted seal. Each seal is to meet the following requirements:

(A) The accumulated area of gaps between the tank wall and the metallic shoe seal or the liquid-mounted seal shall not exceed 212 cm^2 per meter of tank diameter (10.0 in^2 per ft of tank diameter) and the width of any portion of any gap shall not exceed 3.81 cm (1½ in).

(B) The accumulated area of gaps between the tank wall and the vapor-mounted seal shall not exceed 21.2 cm^2 per meter of tank diameter (1.0 in^2 per ft of tank diameter) and the width of any portion of any gap shall not exceed 1.27 cm (½ in).

(C) One end of the metallic shoe is to extend into the stored liquid and the other end is to extend a minimum vertical distance of 61 cm (24 in) above the stored liquid surface.

(D) There are to be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope.

(ii) The secondary seal is to meet the following requirements:

(A) The secondary seal is to be installed above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in paragraph (a)(1)(ii)(B) of this section.

(B) The accumulated area of gaps between the tank wall and the secondary seal used in combination with a metallic shoe or liquid-mounted primary seal shall not exceed 21.2 cm^2 per meter of tank diameter (1.0 in^2 per ft. of tank diameter) and the width of any portion of any gap shall not exceed 1.27 cm (½ in.). There shall be no gaps between the tank wall and the secondary seal used in combination with a vapor-mounted primary seal.

(C) There are to be no holes, tears or other openings in the seal or seal fabric.

(D) The owner or operator is exempted from the requirements for secondary seals and the secondary seal gap criteria when performing gap measurements or inspections of the primary seal.

(iii) Each opening in the roof except for automatic bleeder vents and rim space vents is to provide a projection below the liquid surface. Each opening in the roof except for automatic bleeder vents, rim space vents and leg sleeves is to be equipped with a cover, seal or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use or as described in pargraph (a)(1)(iv) of this section. Automatic bleeder vents are to be closed at all times when the roof is floating, except when the roof is being floated off or is being landed on the roof leg supports. Rim vents are to be set to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting.

(iv) Each emergency roof drain is to be provided with a slotted membrane fabric cover that covers at least 90 percent of the area of the opening.

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

(3) A vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel, and a vapor return or disposal system which is designed to process such VOC vapors and gases so as to reduce their emission to the atmosphere by at least 95 percent by weight.

(4) A system equivalent to those described in paragraphs (a)(1), (a)(2), or (a)(3) of this section as provided in § 60.114a.

(b) The owner or operator of each storage vessel to which this subpart applies which contains a petroleum liquid which, as stored, has a true vapor pressure greater than 76.6 kPa (11.1 psia), shall equip the storage vessel with a vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel, and a vapor return or disposal system which is designed to process such VOC vapors and gases so as to reduce their emission to the atmosphere by at least 95 percent by weight.

[45 FR 23379, Apr. 4, 1980, as amended at 45 FR 83229, Dec. 18, 1980]

§ 60.113a Testing and procedures.

(a) Except as provided in § 60.8(b) compliance with the standard prescribed in § 60.112a shall be determined as follows or in accordance with an equivalent procedure as provided in § 60.114a.

(1) The owner or operator of each storage vessel to which this subpart applies which has an external floating roof shall meet the following requirements:

(i) Determine the gap areas and maximum gap widths between the primary seal and the tank wall and between the secondary seal and the tank wall according to the following frequency:

(A) For primary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every five years thereafter. All primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.

(B) For secondary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every year thereafter.

(C) If any storage vessel is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill for the purposes of paragraphs (a)(1)(i)(A) and (a)(1)(i)(B) of this section.

(D) Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by paragraph (a)(1)(ii) of this section and the calculation required by paragraph (a)(1)(iii) of this section.

(E) If either the seal gap calculated in accord with paragraph (a)(1)(iii) of this section or the measured maximum seal gap exceeds the limitations specified by § 60.112a of this subpart, a report shall be furnished to the Administrator within 60 days of the date of measurements. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of § 60.112a. The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of § 60.112a.

(ii) Determine gap widths in the primary and secondary seals individually by the following procedures:

(A) Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports.

(B) Measure seal gaps around the entire circumference of the tank in each place where a ⅛ ″ diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the tank wall and measure the circumferential distance of each such location.

(C) The total surface area of each gap described in paragraph (a)(1)(ii)(B) of this section shall be determined by using probes of various widths to accurately measure the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.

(iii) Add the gap surface area of each gap location for the primary seal and the secondary seal individually. Divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the appropriate ratio in the standard in § 60.112a(a)(1)(i) and § 60.112a(a)(1)(ii).

(iv) Provide the Administrator 30 days prior notice of the gap measurement to afford the Administrator the opportunity to have an observer present.

(2) The owner or operator of each storage vessel to which this subpart applies which has a vapor recovery and return or disposal system shall provide the following information to the Administrator on or before the date on which construction of the storage vessel commences:

(i) Emission data, if available, for a similar vapor recovery and return or disposal system used on the same type of storage vessel, which can be used to determine the efficiency of the system. A complete description of the emission measurement method used must be included.

(ii) The manufacturer's design specifications and estimated emission reduction capability of the system.

(iii) The operation and maintenance plan for the system.

(iv) Any other information which will be useful to the Administrator in evaluating the effectiveness of the system in reducing VOC emissions.

[45 FR 23379, Apr. 4, 1980, as amended at 52 FR 11429, Apr. 8, 1987]

§ 60.114a Alternative means of emission limitation.

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

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

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

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

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

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

(e) The primary vapor-mounted seal in the “Volume-Maximizing Seal” manufactured by R.F.I. Services Corporation is approved as equivalent to the vapor-mounted seal required by § 60.112a(a)(1)(i) and must meet the gap criteria specified in § 60.112a(a)(1)(i)(B). There shall be no gaps between the tank wall and any secondary seal used in conjunction with the primary seal in the “Volume-Maximizing Seal”.

[52 FR 11429, Apr. 8, 1987]

§ 60.115a Monitoring of operations.

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

(b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin

2517, unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

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

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

(1) Each owner or operator of each storage vessel storing a petroleum liquid with a Reid vapor pressure of less than 6.9 kPa (1.0 psia) provided the maximum true vapor pressure does not exceed 6.9 kPa (1.0 psia).

(2) The owner or operator of each storage vessel equipped with a vapor recovery and return or disposal system in accordance with the requirements of § 60.112a(a)(3) and (b), or a closed vent system and control device meeting the specifications of 40 CFR 65.42(b)(4), (b)(5), or (c).

[45 FR 23379, Apr. 4, 1980, as amended at 65 FR 78275, Dec. 14, 2000]

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Federally Enforceable Source Operating Permit Transitioning to a Part 70 Operating Permit

Source Description and Location

Source Name:	**Tanco Terminals, Inc.**
Source Location:	**400 East Boundary Road, Portage, IN 46368**
County:	**Porter (Portage)**
SIC Code:	**4226 (Special Warehousing and Storage, Not Elsewhere Classified)**
Operation Permit No.:	**T127-43091-00046**
Permit Reviewer:	**Michaela Hecox**

On July 29, 2020, the Office of Air Quality (OAQ) received an application from Tanco Terminals, Inc. related to the transition of a FESOP to a Part 70 Operating Permit. This transition includes modification of existing emission units that do not require prior modification approval.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

(a) FESOP Administrative Amendment No. 127-41652-00046, issued on August 8, 2019;

(b) FESOP Administrative Amendment No. 127-36386-00046, issued on October 30, 2015; and

(c) FESOP Renewal No. 127-33126-00046, issued on May 29, 2014.

Due to this application, the source is transitioning from a FESOP to a Part 70 Operating Permit.

County Attainment Status

The source is located in Porter County.

Pollutant	Designation
SO_2	Cannot be classified for the area bounded on the north by Lake Michigan; on the west by the Lake County and Porter County line; on the south by I-80 and I-90; and on the east by the LaPorte County and Porter County line. The remainder of Porter County is better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Serious nonattainment effective September 23, 2019, for the 2008 8-hour ozone standard.
O_3	Unclassifiable or attainment effective August 3, 2018, for the 2015 8-hour ozone standard.
$PM_{2.5}$	Unclassifiable or attainment effective April 15, 2015, for the 2012 annual $PM_{2.5}$ standard.
$PM_{2.5}$	Unclassifiable or attainment effective December 13, 2009, for the 2006 24-hour $PM_{2.5}$ standard.
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Unclassifiable or attainment effective January 29, 2012, for the 2010 NO_2 standard.
Pb	Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.

(a) Ozone Standards
U.S. EPA, in the Federal Register Notice 84 FR 44238 dated August 23, 2019, designated porter County as serious nonattainment for the 2008 8-hour ozone standard effective September 23,

2019. On November 14, 2019, the Environmental Rules Board issued an emergency rule adopting the U.S. EPA's designation. 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. Therefore, VOC and NOx emissions were evaluated pursuant to the requirements of Emission Offset, 326 IAC 2-3.

(b) $PM_{2.5}$
Porter County has been classified as attainment for $PM_{2.5}$. Therefore, direct $PM_{2.5}$, SO_2, and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(c) Other Criteria Pollutants
Porter County has been classified as attainment or unclassifiable in Indiana for all the other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

Since this type of operation is not one (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit applicability and source status under Section 112 of the Clean Air Act (CAA).

Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units:

(a) One (1) rail and semi-tanker loading rack operation, identified as LR1, with a maximum pumping capacity of 700 gallons of volatile organic liquids per minute and constructed in 1978.

(b) Two (2) above ground organic liquid storage tanks, identified as ST-3 and ST-5, each with a maximum capacity of 840,000 gallons, exhausting at two (2) emissions points (S/V

ID: V3 and V5), respectively (Tanks ST-3 and ST-5 were constructed in 1978 and 1983, respectively).

Under 40 CFR 60, Subpart Ka, this is an affected facility

(c) One (1) above ground organic liquid storage tank, identified as ST-4, with a maximum capacity of 1,008,000 gallons, exhausting at one (1) emission point (S/V ID: V4), and constructed in 1981.

Under 40 CFR 60, Subpart Ka, this is an affected facility

Insignificant Activities

The source also consists of the following insignificant activities:

(a) Natural gas-fired combustion sources with heat input equal or less than ten (10) MMBtu/hr.

(1) One (1) natural gas fired thermal fluid heater rated at maximum heat capacity of 9.0 MMBtu/hr (constructed in 1998).

(2) One (1) natural gas fired boiler, identified as EU-B1, rated at maximum heat capacity of 7.5 MMBtu/hr (constructed in 1964).

(b) Forced and induced draft cooling water system not regulated under a NESHAP.

(c) Paved and unpaved roads and parking lots with public access.

(d) Blowdown of any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

(e) Other categories with emissions below insignificant thresholds (i.e. less than 3 pounds per hour VOC).

(1) Two (2) liquid asphalt storage tanks, identified as ST-1 and ST-2, each with maximum storage capacity of 2,730,000 gallons (both constructed in 1977).

(2) One (1) liquid asphalt storage tank, identified as ST-6, with a maximum storage capacity of 2,352,000 gallons (constructed in 1999).

(3) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-7, with a maximum storage capacity of 40,300 gallons (constructed in 2008).

(4) One (1) fixed roof above ground liquid asphalt storage tank, identified as ST-8, with a maximum storage capacity of 635,436 gallons (constructed in 2008).

(5) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-9, permitted in 2015, with a maximum storage capacity of 845,726 gallons and a maximum throughput of 2,433,000 gallons per year.

Emission Units and Pollution Control Equipment Constructed Under the Provisions of 326 IAC 2-1.1-3 (Exemptions)

As part of this permitting action, the source requested to modify the following existing emission unit(s) constructed under the provisions of 326 IAC 2-1.1-3 (Exemptions):

(a) Other categories with emissions below insignificant thresholds (i.e. less than 3 pounds per hour VOC).

(1) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-10, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(2) One (1) heated, fixed roof, above ground, liquid asphalt storage tank, identified as ST-11, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

(3) One (1) heated, fixed roof, above ground, liquid asphalt crack sealer storage tank, identified as ST-12, permitted in 2019, with a maximum storage capacity of 1,536,243 gallons and a maximum throughput of 6,000,000 gallons per year.

The total potential to emit of the emission unit(s) is less than levels specified at 326 IAC 2-1.1-3(e)(1)(A) through (G) and the addition of the emission unit(s) did not require the source to transition to a higher operation permit level. Therefore, pursuant to 326 IAC 2-1.1-3(e), the modification approval requirements under 326 IAC 2-7-10.5 , including the requirement to submit an application, do not apply to the emission unit(s). See Appendix A of this Technical Support Document for detailed emission calculations.

Enforcement Issues

There are no pending enforcement actions related to this source.

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source.

	Unrestricted Potential Emissions (ton/year)								
	PM[1]	**PM_{10}[1]**	**$PM_{2.5}$[1, 2]**	**SO_2**	**NO_X**	**VOC**	**CO**	**Single HAP[3]**	**Total HAPs**
Total PTE of Entire Source Excluding Fugitive Emissions*	0.23	0.64	0.64	0.04	7.09	>100	5.96	>10	>25
Title V Major Source Thresholds	NA	100	100	100	50	50	100	10	25
PSD Major Source Thresholds	250	250	250	250	250	250	250	--	--
Emission Offset Major Source Thresholds	---	NA	NA	NA	50	50	NA	--	--

[1]Under the Part 70 Permit program (40 CFR 70), PM_{10} and $PM_{2.5}$, not particulate matter (PM), are each considered as a "regulated air pollutant."

[2]$PM_{2.5}$ listed is direct $PM_{2.5}$.

[3]Single highest source-wide HAP

*Fugitive HAP emissions are always included in the source-wide emissions.

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

(a) The potential to emit (as defined in 326 IAC 2-7-1(30)) of VOC is equal to or greater than fifty (50) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7 and will be issued

a Part 70 Operating Permit.

(b) The potential to emit (as defined in 326 IAC 2-7-1(30)) 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(30)) of a combination of HAPs is equal to or greater than twenty-five (25) tons per year. The source will be issued a Part 70 Operating Permit.

PTE of the Entire Source After Issuance

The table below summarizes the after issuance source-wide potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of the Part 70 New Source Review Permit, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

	Source-Wide Emissions After Issuance (ton/year)								
	PM[1]	**PM_{10}[1]**	**$PM_{2.5}$[1, 2]**	**SO_2**	**NO_X**	**VOC**	**CO**	**Single HAP[3]**	**Total HAPs**
Total PTE of Entire Source Excluding Fugitives*	0.23	0.64	0.64	0.04	7.09	98.79	5.96	9.41	24.41
Title V Major Source Thresholds	NA	100	100	100	50	50	100	10	25
PSD Major Source Thresholds	250	250	250	250	250	250	250	--	--
Emission Offset Major Source Thresholds	---	NA	NA	NA	50	50	NA	--	--

[1]Under the Part 70 Permit program (40 CFR 70), PM_{10} and $PM_{2.5}$, not particulate matter (PM), are each considered as a "regulated air pollutant."

[2]$PM_{2.5}$ listed is direct $PM_{2.5}$.

[3]Single highest source-wide HAP

*Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed potential to emit of the entire source after issuance.

The source will continue to take limit(s) in order to render the source an area source of HAP emissions under Section 112 of the Clean Air Act (CAA). See Technical Support Document (TSD) State Rule Applicability - Entire Source section, and 326 IAC 20 (Hazardous Air Pollutants) for more information regarding the limit(s).

(a) This existing minor PSD stationary source will continue to be minor under 326 IAC 2-2 because the emissions of each PSD regulated pollutant will continue to be less than the PSD major source thresholds.

(b) This existing minor Emission Offset stationary source will become major under 326 IAC 2-3 upon issuance of this permit because the emissions of the nonattainment pollutant(s), VOC, will be equal to or greater than the Emission Offset major source threshold(s).

(c) This existing area source of HAP will continue to be an area source of HAP, as defined in 40 CFR 63.2, because HAP emissions will continue to be less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Federal Rule Applicability Determination

Federal rule applicability for this source has been reviewed as follows:

New Source Performance Standards (NSPS):

(a) This source is subject to the New Source Performance Standards for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984, 40 CFR 60, Subpart Ka and 326 IAC 12, because tanks ST-3, ST-4, and ST-5 store petroleum liquids and commenced construction after May 18, 1978 and prior to July 23, 1984.

The units subject to this rule includes the following:

(1) Two (2) above ground organic liquid storage tanks, identified as ST-3 and ST-5, each with a maximum capacity of 840,000 gallons, exhausting at two (2) emissions points (S/V ID: V3 and V5), respectively (Tanks ST-3 and ST-5 were constructed in 1978 and 1983, respectively).

(2) One (1) above ground organic liquid storage tank, identified as ST-4, with a maximum capacity of 1,008,000 gallons, exhausting at one (1) emission point (S/V ID: V4), and constructed in 1981.

This source is subject to the following portions of Subpart Ka.

(1) 40 CFR 60.110a(a)
(2) 40 CFR 60.111a

The requirements of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated as 326 IAC 12-1, apply to the source except as otherwise specified in 40 CFR 60, Subpart Ka.

(b) The requirements of the New Source Performance Standard for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, 40 CFR 60, Subpart Kb and 326 IAC 12, are not included in the permit for Tanks ST-1, ST-2, ST-6, ST-7, or ST-8 since these tanks only process liquid asphalt which has a maximum true vapor pressure of less than 3.5 kilopascals (KPa). The four (4) heated, fixed roof, above ground, liquid asphalt storage tanks, identified as ST-9, ST-10, ST-11, and ST-12, are not subject to the subpart because ST-9, ST-10 and ST-11 have a capacity greater than 151 m^3 (39,889 gallons) storing a liquid with a maximum true vapor pressure less than 3.5 kilopascals (kPa) and ST-12 has a capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure less than 15.0 kPa.

(c) The requirements of the New Source Performance Standard for Bulk Gasoline Terminals, 40 CFR 60, Subpart XX and 326 IAC 12, are not included in the permit for the loading rack operation (LR1) since it was constructed before December 17, 1980.

(d) There are no other New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

(a) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations), 40 CFR 63, Subpart R, are not included in the permit for this source, since the source is not a major source of HAPs.

(b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs)

for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, 40 CFR 63, Subpart BBBBBB, are not included in the permit for this source, since the source does not meet the definition of a gasoline distribution bulk terminal, bulk plant, or pipeline facility pursuant to 40 CFR 63.11100.

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

Compliance Assurance Monitoring (CAM):

(a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to each pollutant-specific emission unit that meets the following criteria:

(1) has a potential to emit before controls equal to or greater than the major source threshold for the regulated pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant (or a surrogate thereof); and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

(b) Pursuant to 40 CFR 64.2(b)(1)(i), emission limitations or standards proposed after November 15, 1990 pursuant to a NSPS or NESHAP under Section 111 or 112 of the Clean Air Act are exempt from the requirements of CAM. Therefore, an evaluation was not conducted for any emission limitations or standards proposed after November 15, 1990 pursuant to a NSPS or NESHAP under Section 111 or 112 of the Clean Air Act.

(c) Pursuant to 40 CFR 64.2(b)(1)(iii), Acid Rain requirements pursuant to Sections 404, 405, 406, 407(a), 407(b), or 410 of the Clean Air Act are exempt emission limitations or standards. Therefore, CAM was not evaluated for emission limitations or standards for SO_2 and NO_X under the Acid Rain Program.

(d) Pursuant to 40 CFR 64.3(d), if a continuous emission monitoring system (CEMS) is required pursuant to other federal or state authority, the owner or operator shall use the CEMS to satisfy the requirements of CAM according to the criteria contained in 40 CFR 64.3(d).

Based on this evaluation, the requirements of 40 CFR Part 64, CAM, are not applicable to any of the existing units as part of this Part 70 permit since no emission units at this source have an associated control device.

State Rule Applicability - Entire Source

State rule applicability for this source has been reviewed as follows:

326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset)
PSD and Emission Offset applicability is discussed under the PTE of the Entire Source After Issuance section of this document.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The provisions of 326 IAC 2-4.1 apply to any owner or operator who constructs or reconstructs a major source of hazardous air pollutants (HAP), as defined in 40 CFR 63.41, after July 27, 1997, unless the major source has been specifically regulated under or exempted from regulation under a NESHAP that was issued pursuant to Section 112(d), 112(h), or 112(j) of the Clean Air Act (CAA) and incorporated under 40 CFR 63. On and after June 29, 1998, 326 IAC 2-4.1 is intended to implement the requirements of Section 112(g)(2)(B) of the Clean Air Act (CAA).

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

326 IAC 2-6 (Emission Reporting)
This source is subject to the requirements of 326 IAC 2-6 (Emission Reporting), since it is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, is located in Porter County, and emits VOC into the ambient air at levels equal to or greater than twenty-five (25) tons per year. Pursuant to 326 IAC 2-6-3(a)(1) and 326 IAC 2-6-3(a)(2), the Permittee shall submit, by July 1, an emission statement covering the previous calendar year as follows:

(a) triennially, in accordance with the compliance schedule in 326 IAC 2-6-3, and

(b) each year when the source emits volatile organic compounds or oxides of nitrogen into the ambient air at levels equal to or greater than twenty-five (25) tons during the previous calendar year.

The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 2-7-6(5) (Annual Compliance Certification)
The U.S. EPA Federal Register 79 FR 54978 notice does not exempt Title V Permittees from the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D), but the submittal of the Title V annual compliance certification to IDEM satisfies the requirement to submit the Title V annual compliance certifications to EPA. IDEM does not intend to revise any permits since the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D) still apply, but Permittees can note on their Title V annual compliance certifications that submission to IDEM has satisfied reporting to EPA per Federal Register 79 FR 54978. This only applies to Title V Permittees and Title V compliance certifications.

326 IAC 5-1 (Opacity Limitations)
This source is subject to the opacity limitations specified in 326 IAC 5-1-2.

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)
This source is not subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions of less than twenty-five (25) tons per year.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a), this source (located in Porter County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

326 IAC 6.8 (Particulate Matter Limitations for Lake County)
Pursuant to 326 IAC 6.8-1-1(a), this source (located in Porter County) is not subject to the requirements of 326 IAC 6.8 because it is not located in Lake County.

326 IAC 6.8 (Lake County: Fugitive Particulate Matter)
Pursuant to 326 IAC 6.8-10-1, this source (located in Porter County) is not subject to the requirements of 326 IAC 6.8-10 because it is not located in Lake County.

State Rule Applicability – Individual Facilities

State rule applicability for this source has been reviewed as follows:

326 IAC 2-4.1 (Major Source of Hazardous Air Pollutants) and 8-6 (Organic Solvent Emission Limitations)
In order to render the source an area source of HAP emissions under Section 112 of the Clean Air Act (CAA), the Permittee shall comply with the following:

(a) The total throughput of volatile organic liquids through storage tanks ST-3, ST-4, and ST-5, including emissions from the storage tanks and associated losses from the rail and semi-tanker loading rack (LR1), shall be limited such that the HAP emissions shall be less than nine (9) tons for a single HAP, and twenty-four (24) tons for total HAPs, per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with this limit, in conjunction with the HAPs from all other emissions units, shall limit the single HAP and total HAPs emissions from the entire source to less than ten (10) and twenty-five (25) tons, respectively, per twelve (12) consecutive month period. Therefore the requirements of 326 IAC 2-4.1 (Major Source of Hazardous Air Pollutants) are rendered not applicable, and the entire source is rendered an area source of HAP emissions under Section 112 of the Clean Air Act (CAA).

326 IAC 6-2-1 (Particulate Emission Limitations for Sources of Indirect Heating)
Pursuant to 326 IAC 6-2-1(b), for indirect heating facilities existing and in operation on, or received permit to construct, prior to September 21, 1983 and located in Porter County are subject to the requirements of 326 IAC 6-2-2.

The particulate matter emissions (Pt) shall be limited by the following equation:

$$Pt = \frac{0.87}{Q^{0.16}}$$

Where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu).

Q = Total source maximum operating capacity rating in MMBtu/hr heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

Pursuant to 326 IAC 6-2-2(a), for Q less than 10 MMBtu/hr, Pt shall not exceed 0.6 lb/MMBtu.

Indirect Heating Units Which Began Began Operation After June 8, 1972 and Before September 21, 1983						
Facility	Construction Date (Removal Date)	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Boiler EU-B1	1964	7.5	7.5	0.630	0.6	0.0019

Indirect Heating Units Which Began Began Operation After June 8, 1972 and Before September 21, 1983						
Facility	Construction Date (Removal Date)	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Where: Q = Sum of the maximum operating capacity rating (MMBtu/hr) of the new unit(s) and all units located at the source on the date the new unit(s) was constructed.						
Note: Emission units shown in strikethrough were subsequently removed from the source. The effect of removing these units on "Q" is shown in the year the boiler was removed.						

326 IAC 6-2-4 (Particulate Matter Emission Limitations for Sources of Indirect Heating)
Pursuant to 326 IAC 6-2-1(d), indirect heating facilities which received permit to construct after September 21, 1983 are subject to the requirements of 326 IAC 6-2-4.

The particulate matter emissions (Pt) shall be limited by the following equation:

$$Pt = \frac{1.09}{Q^{0.26}}$$

Where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu).

Q = Total source maximum operating capacity rating in MMBtu/hr heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation.

Pursuant to 326 IAC 6-2-4(a), for Q less than 10 MMBtu/hr, Pt shall not exceed 0.6 lb/MMBtu.

Indirect Heating Units Which Began Operation After September 21, 1983						
Facility	Construction Date (Removal Date)	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Boiler EU-B1	1964	7.5	7.5			
Thermal fluid heater	1998	9.0	16.5	0.526	0.526	0.0019
Where: Q = Includes the capacity (MMBtu/hr) of the new unit(s) and the capacities for those unit(s) which were in operation at the source at the time the new unit(s) was constructed.						
Note: Emission units shown in strikethrough were subsequently removed from the source. The effect of removing these units on "Q" is shown in the year the boiler was removed..						

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
(a) The storage tanks ST-10, ST-11 and ST-12 are not manufacturing processes as defined in 326 IAC 6-3-1.5. Therefore, the requirements of 326 IAC 6-3-2 do not apply.

(b) Liquid and gaseous fuels and combustion air are excluded from the definition of process weight as defined in 326 IAC 1-2-59(a). Therefore, the natural gas-fired heater and boiler are not subject to the requirements of 326 IAC 6-3-2.

326 IAC 7-1.1 Sulfur Dioxide Emission Limitations
The source is not subject to 326 IAC 326 IAC 7-1.1 because it has a potential to emit (or limited potential to emit) sulfur dioxide (SO2) of less than 25 tons per year or 10 pounds per hour.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Tanks ST-3, ST-4 and ST-5 are not subject to the requirements of 326 IAC 8-1-6 because they are regulated by other rules in 326 IAC 8. The Tanks ST-3, ST-4 and ST-5 are subject to the requirements of 326 IAC 8-9.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)
(a) Storage tanks ST-4, ST-5, ST-6, ST-7, ST-8, ST-9, ST-10, ST-11, ST-12 are not subject to 326 IAC 8-4-3 (Petroleum liquid storage facilities) because each tank contains liquids whose true vapor pressure is less than 10.5 kPa (1.523 psia).

(b) Tanks ST-1, ST-2, ST-3 are not subject to 326 IAC 8-4-3 (Petroleum liquid storage facilities) because each tank was constructed before January 1, 1980.

326 IAC 8-6 (Organic Solvent Emission Limitations)
Pursuant to 326 IAC 8-6-1, the source is not subject to the requirements of 326 IAC 8-6, because it does not have the potential to emit VOC greater than or equal to 100 tons per year.

In order to render the requirements of IAC 8-6 (Organic Solvent Emission Limitations) not applicable, the Permittee shall comply with the following:

(a) The total throughput of volatile organic liquids through the storage tanks ST-3, ST-4, and ST-5 shall be limited such that the total VOC emissions from storage tanks ST-3, ST-4, and ST-5 shall be less than seventy-four (74) tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with this limit, in conjunction with the PTE of VOC from all other emissions units, shall limit the VOC emissions from the entire source to less than one-hundred (100) tons, respectively, per twelve (12) consecutive month period. Therefore, the requirements of IAC 8-6 (Organic Solvent Emission Limitations) are rendered not applicable.

326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties)
Pursuant to 326 IAC 8-7-2, the source is not subject to the requirements of 326 IAC 8-7, because it does not have the potential to emit VOC greater than or equal to 25 tons per year.

In order to render the requirements of IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark, and Floyd Counties) not applicable, the Permittee shall comply with the following:

(a) The total throughput of volatile organic liquids through the rail and semi-tank loading operation (LR1) from storage tanks ST-3, ST-4, and ST-5 shall be limited such that the total VOC emissions shall be less than twenty-four (24) tons, per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with this limit shall limit the VOC emissions from the rail and semi-tanker loading rack (LR1) to less than twenty-four (24) tons per twelve (12) consecutive month period. This LR1 limit, in conjunction with the PTE of the natural gas fluid heater and boiler and the asphalt loading, shall limit the applicable facilities to less than 25 tons combined VOC per twelve (12) consecutive month period. Therefore 326 IAC 8-7 is rendered not applicable.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)
This rule applies to stationary vessels used to store volatile organic liquid (VOL) that are located in Clark, Floyd, Lake, or Porter County.

(a) Tanks ST-1, ST-2, ST-3, ST-4, ST-5, ST-6, ST-7, ST-8, ST-9, ST-10, ST-11 and ST-12 are subject to 326 IAC 8-9-6 (a) and (b). Tanks ST-3, ST-4, and ST-5 are subject to 326 IAC 8-9-6(g) and (h) when storing a VOL with a maximum true vapor pressure greater than 0.5 pounds per square inch absolute (psia) and less than 0.75 pound per square inch absolute (psia). The source is limiting the VOCs that will be stored in tanks ST-3, ST-4, and ST-5 to a vapor pressure of less than 0.75 psia and therefore is not subject to 326 IAC 8-9-4, 326 IAC 8-9-5, or 326 IAC 8-9-6(c), (d), (e), or (f).

(b) Pursuant to 326 IAC 8-9-6(a) and (b), the owner or operator shall maintain the following records for the life of the vessel:

(1) The vessel identification number.

(2) The vessel dimensions.

(3) The vessel capacity.

(4) A description of the emission control equipment for each vessel.

(c) Pursuant to 326 IAC 8-9-6(g), vessels with a design capacity greater than or equal to 39,000 gallons storing a VOL with a maximum true vapor pressure greater than or equal to five-tenths (0.5) pound per square inch absolute (psia) but less than seventy-five hundredths (0.75) psia shall maintain a record of the maximum true vapor pressure of the VOL stored in each vessel. The record for each vessel shall contain the following information:

(1) The type of VOL stored.

(2) The dates of the VOL storage.

(3) For each day of VOL storage, the average stored temperature for VOLs stored above or below the ambient temperature or average ambient temperature for VOLs stored at ambient temperature, and the corresponding maximum true vapor pressure.

(d) Pursuant to 326 IAC 8-9-6(h), vessels with a design capacity greater than or equal to 39,000 gallons storing a liquid with a maximum true vapor pressure that is normally less than 0.75 psia shall maintain a record and notify the department within thirty (30) days when the maximum true vapor pressure of the liquid exceeds 0.75 psia.

326 IAC 9-1 (Carbon Monoxide Emission Limits)
The requirements of 326 IAC 9-1 do not apply to the source, because this source does not operate a catalyst regeneration petroleum cracking system or a petroleum fluid coker, grey iron cupola, blast furnace, basic oxygen steel furnace, or other ferrous metal smelting equipment.

326 IAC 10-3 (Nitrogen Oxide Reduction Program for Specific Source Categories)
The requirements of 326 IAC 10-3 do not apply to the source, since this source does not operate a blast furnace gas-fired boiler, a Portland cement kiln, or a facility specifically listed under 326 IAC 10-3-1(a)(2).

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to assure 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.

(a) The Compliance Determination Requirements applicable to this source are as follows:

VOC and HAP

(1) Compliance with the VOC emission limitations for storage tanks ST-3, ST-4, and ST-5 shall be determined as follows:

$VOC_{(TONS/MONTH)} = Tanks_{Loss(LBS/MONTH)} \times 1/2000_{(LBS/TON}$

$Tanks_{Loss}$ VOC emissions from tank storage and filling of tanks ST-3, ST-4, and ST-5 shall be calculated using USEPA's TANKS program (version 4.0 or its updates).

(2) Compliance with the VOC emission limitations for the rail and semi-tank loading operation (LR1) from storage tanks ST-3, ST-4, and ST-5 shall be determined as follows:

$VOC_{(TONS/MONTH)} = L_{Loss\ (LBS/MONTH)} \times 1/2000_{(LBS/TON)}$

Where: $L_{LOSS} = \sum_i \left((12.46 \times (S_i \times P_i \times M_i) \div T_i) \times Loaded\ Liquid_i\ 1{,}000\ gal \right)$ (*eq.1*)

S_i = a saturation factor for loaded liquid *i* (see Table 5.2-1, AP-42 Section 5.2)
P_i = true vapor pressure of liquid *i*, pounds per square inch absolute (psia)
M_i = molecular weight of vapors of *i*, pounds per pound-mole (lb/lb-mole)
T_i = temperature of bulk liquid *i*, °R (°F + 460)

(3) Compliance with the HAP emission limitations for storage tanks ST-3, ST-4, and ST-5 shall be determined as follows:

$HAP_{(TONS/MONTH)} = [L_{Loss\ (LBS/MONTH)} + Tanks_{Loss\ (LBS/MONTH)}] \times 1/2000_{(LBS/TON)}$

Where $Tanks_{Loss}$ for HAP is calculated using USEPA's TANKS program (version 4.0 or its updates) and L_{LOSS} for the HAP is calculated using the equation 1 in section (b) above.

(4) For liquid mixtures that only contain a fraction of HAP, P_i for the HAP for equation 1 can be calculated from Raoult's law:

$P_i = x_i \times P_{tot}$

Where: $x_i =$ mole fraction of HAP of the mixture,

$P_{tot} =$ total vapor pressure of the mixture

(b) The Compliance Monitoring Requirements applicable to this source are as follows:

There are no compliance monitoring requirements applicable to this source.

Conclusion and Recommendation

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 July 29, 2020.

The operation of this source shall be subject to the conditions of the attached proposed Part 70 Operating Permit No. 127-43091-00046.

The staff recommends to the Commissioner that the Part 70 Operating Permit be approved.

IDEM Contact

(a) If you have any questions regarding this permit, please contact Michaela Hecox, 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) 233-3031 or (800) 451-6027, and ask for Michaela Hecox or (317) 233-3031.

(b) A copy of the findings 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 Air Permits page on the Internet at: http://www.in.gov/idem/airquality/2356.htm; and the Citizens' Guide to IDEM on the Internet at: http://www.in.gov/idem/6900.htm.

Appendix A: Emission Calculations
PTE Summary

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Uncontrolled Potential to Emit (tons/yr)									
Emission Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Individual HAP**	**Total HAPs**
Asphalt Tanks and Truck Loading	0.10	0.10	0.10	-	-	0.12	1.20E-02	1.49E-03	1.51E-03
Nat Gas Fluid Heater and Boiler (Combustion)	0.13	0.54	0.54	0.04	7.09	0.39	5.95	0.13	0.13
Leaks from valves, flanges and pump seals	-	-	-	-	-	0.28	-	0.28	0.28
Tanks T003, T004, T005, and associated loading**	-	-	-	-	-	>100	-	>10	>25
Total	**0.23**	**0.64**	**0.64**	**0.04**	**7.09**	**>100**	**5.96**	**>10**	**>25**

** PM2.5 listed is direct PM2.5*

Potential to Emit after Issuance (tons/yr)									
Emission Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Individual HAP**	**Total HAPs**
Asphalt Tanks and Truck Loading	0.10	0.10	0.10	-	-	0.12	1.20E-02	1.49E-03	1.51E-03
Nat Gas Fluid Heater and Boiler (Combustion)	0.13	0.54	0.54	0.04	7.09	0.39	5.95	0.13	0.13
Leaks from valves, flanges and pump seals	-	-	-	-	-	0.28	-	0.28	0.28
Permitted for Tanks T003, T004, and T005	-	-	-	-	-	74.00	-	9.00	24.00
Permitted for associated loading from Tanks T003, T004, and T005	-	-	-	-	-	24.00	-		
Total	**0.23**	**0.64**	**0.64**	**0.04**	**7.09**	**98.79**	**5.96**	**9.41**	**24.41**

** PM2.5 listed is direct PM2.5*

Note: The shaded cells indicate where limits are included.

** The proposed operating scenario allows for unspecified organic liquids in Tanks T003, T004, and T005 for operational flexibility.

Appendix A: Emission Calculations
Modification Summary

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

PTE of Each Emissions Unit Prior to the Modification (tons/yr)								
Emission Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Total HAPs**
Tanks 10, 11, & 12	1.57E-03	1.57E-03	1.57E-03	-	-	0.03	3.15E-03	8.61E-05

PTE of Each Emissions Unit After the Modification (tons/yr)								
Emission Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Total HAPs**
Tanks 10, 11, & 12	5.93E-04	5.93E-04	5.93E-04	-	-	1.23E-02	0.00119418	3.26E-05

PTE Increased of the Modification (tons/yr)								
Emission Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Total HAPs**
Tanks 10, 11, & 12	0.00	0.00	0.00	-	-	0.00	0.00	0.00
Total PTE Increase of Modification:	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Appendix A: Emission Calculations
Asphalt Tank and Truck Loading Losses
VOCs, PM, and CO

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Vapor Pressure of Asphalt using Antoine's Equation (AP-42 Section 11.1.2.5)

Equation: log P = (-0.05223*A)/T + B

Asphalt Temperature, T =	315.0	Fahrenheit	log P =	-0.976	
=	157.2	Celcius	Asphalt Vapor Pressure, P =	0.106	mmHg
=	394.4	Kelvin	=	1.39E-04	atm
A =	75350.06		=	2.05E-03	psia
B =	9.00346		Average Vapor Molecular Weight, M =	105	lb/lbmol (AP-42 Section 11.1)

Volatile Organic Compound (VOC) emissions from withdrawl and standing losses using US EPA TANKS Version 4.09 program

Note: Per US EPA TANKS Version 4.09d, the annual emission losses for asphalt tanks ST-1, ST-2, ST-6, ST-7, ST-8, and ST-9.

Tank ID	Product Stored	Throughput (gal/yr)	Losses (Tons per Year)		Total VOC (tons/yr)
			Standing	Working	
ST-1	Asphalt	10920000	<1.00E-05	1.95E-04	2.05E-04
ST-2	Asphalt	10920000	<1.00E-05	1.95E-04	2.05E-04
ST-6	Asphalt	9408000	<1.00E-05	1.65E-04	1.75E-04
ST-7	Asphalt	2,541,744	<1.00E-05	1.60E-04	1.70E-04
ST-8	Asphalt	161,200	<1.00E-05	2.54E-03	2.55E-03
				Total	**3.31E-03** **tons/year**

VOC Emissions from truck loading losses (AP-42 Section 5.2, Equation 1)

Equation: Loading Losses (lbs VOC/1000 gallons), L = 12.46*S*P*M/T

Saturation Factor, S =	1.0	
Asphalt Vapor Pressure, P =	2.05E-03	psia
Average Vapor Molecular Weight, M =	105	lb/lbmol (AP-42 Section 11.1)
Asphalt Temperature, T =	775.0	R
Truck Loading Losses, L =	0.00345	lbs VOC/1000 gallons of asphalt
Total Throughput =	53,000,000	gallons of asphalt/year
Truck Loading Losses, L =	183.0	lbs/year VOC
Truck Loading Losses, L =	0.0915	tons/year VOC

Total VOC emissions from tank standing and working lossed and truck loading losses (tons/yr) = 0.09

Particulate Matter and Carbon Monoxide

AP-42 Table 11.1-14 was used to determine potential emission of organic particulate matter (PM) and carbon monoxide (CO).
The following ratios were generated from silo filling assuming an asphalt temperature of 325 deg F and a volatility factor of -0.5:

Emission Factor (EF) Equations:			
Total PM = 0.000332+0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Temperature =	325.0	F
Organic PM = 0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Volatility Factor, V =	-0.5	
TOC = 0.0504(-V)*e^((0.0251)(T+460)-20.43)	Total PM/TOC =	4.8E-02	ton/ton of TOC
CO = 0.00488(-V)*e^((0.0251)(T+460)-20.43)	Organic PM/TOC =	2.1E-02	ton/ton of TOC
	CO/TOC =	0.097	ton/ton of TOC

ACRONYMS

TOC = Total Organic Compounds
CO = Carbon Monoxide
PM = Particulate Matter
HAP = Hazardous Air Pollutant
VOC = Volatile Organic Compound

Potential Emissions of Total PM =	**4.6E-03**	**tons/yr***
Potential Emissions of Organic PM =	**2.0E-03**	**tons/yr***
Potential Emissions of CO =	**9.2E-03**	**tons/yr***

*Assuming TOC = VOCs from tank standing and working losses and truck loading losses

Appendix A: Emission Calculations
Asphalt Storage Tanks (ST-1, ST-2, ST-6, ST-7, ST-8) and Asphalt Truck Loading Losses
Hazardous Air Pollutants (HAPs)

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Organic Particulate-Based and Organic Volatile-Based Compounds (AP-42 Table 11.1-15 and Table 11.1-16)

Pollutant	CASRN	Category	HAP Type	Source	Asphalt Storage Tank (% by weight of Total Organic PM)	Potential Emissions (tons/yr)
Acenaphthene	83-32-9	PM/HAP	PAH/POM	Organic PM	0.47%	9.28E-06
Acenaphthylene	208-96-8	PM/HAP	PAH/POM	Organic PM	0.014%	2.76E-07
Anthracene	120-12-7	PM/HAP	PAH/POM	Organic PM	0.13%	2.57E-06
Benzo(a)anthracene	56-55-3	PM/HAP	PAH/POM	Organic PM	0.056%	1.11E-06
Benzo(e)pyrene	192-97-2	PM/HAP	PAH/POM	Organic PM	0.0095%	1.88E-07
Chrysene	218-01-9	PM/HAP	PAH/POM	Organic PM	0.21%	4.15E-06
Fluoranthene	206-44-0	PM/HAP	PAH/POM	Organic PM	0.15%	2.96E-06
Fluorene	86-73-7	PM/HAP	PAH/POM	Organic PM	1.01%	1.99E-05
2-Methylnaphthalene	91-57-6	PM/HAP	PAH/POM	Organic PM	5.27%	1.04E-04
Naphthalene	91-20-3	PM/HAP	PAH/POM	Organic PM	1.82%	3.59E-05
Perylene	198-55-0	PM/HAP	PAH/POM	Organic PM	0.03%	5.92E-07
Phenanthrene	85-01-8	PM/HAP	PAH/POM	Organic PM	1.80%	3.55E-05
Pyrene	129-00-0	PM/HAP	PAH/POM	Organic PM	0.44%	8.69E-06
VOC	---	VOC	---	TOC	100%	**9.5.E-02**
Methane	74-82-8	non-VOC/non-HAP	---	TOC	0.26%	2.46E-04
Acetone	67-64-1	non-VOC/non-HAP	---	TOC	0.055%	5.21E-05
Ethylene	74-85-1	non-VOC/non-HAP	---	TOC	1.10%	**1.04E-03**
Benzene	71-43-2	VOC/HAP	---	TOC	0.032%	3.03E-05
Bromomethane	74-83-9	VOC/HAP	---	TOC	0.0049%	4.64E-06
2-Butanone	78-93-3	VOC/HAP	---	TOC	0.039%	3.70E-05
Carbon Disulfide	75-15-0	VOC/HAP	---	TOC	0.016%	1.52E-05
Chloroethane	75-00-3	VOC/HAP	---	TOC	0.004%	3.79E-06
Chloromethane	74-87-3	VOC/HAP	---	TOC	0.023%	2.18E-05
Ethylbenzene	100-41-4	VOC/HAP	---	TOC	0.038%	3.60E-05
Formaldehyde	50-00-0	VOC/HAP	---	TOC	0.69%	6.54E-04
n-Hexane	100-54-3	VOC/HAP	---	TOC	0.10%	9.48E-05
Isooctane	540-84-1	VOC/HAP	---	TOC	0.00031%	2.94E-07
Methylene Chloride	75-09-2	non-VOC/HAP	---	TOC	0.00027%	2.56E-07
Styrene	100-42-5	VOC/HAP	---	TOC	0.0054%	5.12E-06
Toluene	100-88-3	VOC/HAP	---	TOC	0.062%	5.88E-05
m-/p-Xylene	1330-20-7	VOC/HAP	---	TOC	0.20%	1.90E-04
o-Xylene	95-47-6	VOC/HAP	---	TOC	0.057%	5.40E-05

ACRONYMS

PM = Particulate Matter
HAP = Hazardous Air Pollutant
PAH = Polyaromatic Hydrocarbon
POM = Polycyclic Organic Matter
VOC = Volatile Organic Compound
TOC = Total Organic Compounds

Total Potential Emissions of Organic PM HAPs (tons/yr) =	**2.25E-04**
Total Potential Emissions of Volatile HAPs (tons/yr) =	**1.21E-03**
Total Potential Emissions of HAPs (tons/yr) =	**1.43E-03**

Appendix A: Emission Calculations
Asphalt Tank ST-9 and Associated Truck Loading Losses
VOCs, PM, and CO

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Vapor Pressure of Asphalt using Antoine's Equation (AP-42 Section 11.1.2.5)

Equation: log P = (-0.05223*A)/T + B

Asphalt Temperature, T =	320.0	Fahrenheit	log P =	-0.906	
=	160.0	Celcius	Asphalt Vapor Pressure, P =	0.124	mmHg
=	397.2	Kelvin	=	1.63E-04	atm
A =	75350.06		=	2.40E-03	psia
B =	9.00346		Average Vapor Molecular Weight, M =	105	lb/lbmol (AP-42 Section 11.1)

Volatile Organic Compound (VOC) emissions from withdrawl and standing losses using US EPA TANKS Version 4.09 program

Note: Per US EPA TANKS Version 4.09d, the annual emission losses for asphalt tank ST-9.

Tank ID	Product Stored	Throughput (gal/yr)	Losses (Tons per Year)		Total VOC (tons/yr)
			Standing	Working	
ST-9	Asphalt	2,433,000	5.51E-03	6.40E-03	0.01
				Total	**0.01** **tons/year**

VOC Emissions from truck loading losses (AP-42 Section 5.2, Equation 1)

Equation: Loading Losses (lbs VOC/1000 gallons), L = 12.46*S*P*M/T

Saturation Factor, S =	1.0	
Asphalt Vapor Pressure, P =	2.40E-03	psia
Average Vapor Molecular Weight, M =	105	lb/lbmol (AP-42 Section 11.1)
Asphalt Temperature, T =	780.0	R
Truck Loading Losses, L =	0.00403	lbs VOC/1000 gallons of asphalt
Total Throughput =	2,433,000	gallons of asphalt/year
Truck Loading Losses, L =	9.8	lbs/year VOC
Truck Loading Losses, L =	0.0049	tons/year VOC

Total VOC emissions from tank standing and working lossed and truck loading losses (tons/yr) = 0.02

Particulate Matter and Carbon Monoxide

AP-42 Table 11.1-14 was used to determine potential emission of organic particulate matter (PM) and carbon monoxide (CO).
The following ratios were generated from silo filling assuming an asphalt temperature of 325 deg F and a volatility factor of -0.5:

Emission Factor (EF) Equations:			
Total PM = 0.000332+0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Temperature =	325.0	F
Organic PM = 0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Volatility Factor, V =	-0.5	
TOC = 0.0504(-V)*e^((0.0251)(T+460)-20.43)	Total PM/TOC =	4.8E-02	ton/ton of TOC
CO = 0.00488(-V)*e^((0.0251)(T+460)-20.43)	Organic PM/TOC =	2.1E-02	ton/ton of TOC
	CO/TOC =	0.097	ton/ton of TOC

ACRONYMS

TOC = Total Organic Compounds
CO = Carbon Monoxide
PM = Particulate Matter
HAP = Hazardous Air Pollutant
VOC = Volatile Organic Compound

Potential Emissions of Total PM =	**8.1E-04**	**tons/yr***
Potential Emissions of Organic PM =	**3.5E-04**	**tons/yr***
Potential Emissions of CO =	**1.6E-03**	**tons/yr***

*Assuming TOC = VOCs from tank standing and working losses and truck loading losses

Appendix A: Emission Calculations
Asphalt Storage Tanks (ST-9) and Asphalt Truck Loading Losses
Hazardous Air Pollutants (HAPs)

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Organic Particulate-Based and Organic Volatile-Based Compounds (AP-42 Table 11.1-15 and Table 11.1-16)

Pollutant	CASRN	Category	HAP Type	Source	Asphalt Storage Tank (% by weight of Total Organic PM)	Potential Emissions (tons/yr)
Acenaphthene	83-32-9	PM/HAP	PAH/POM	Organic PM	0.47%	1.65E-06
Acenaphthylene	208-96-8	PM/HAP	PAH/POM	Organic PM	0.014%	4.90E-08
Anthracene	120-12-7	PM/HAP	PAH/POM	Organic PM	0.13%	4.55E-07
Benzo(a)anthracene	56-55-3	PM/HAP	PAH/POM	Organic PM	0.056%	1.96E-07
Benzo(e)pyrene	192-97-2	PM/HAP	PAH/POM	Organic PM	0.0095%	3.33E-08
Chrysene	218-01-9	PM/HAP	PAH/POM	Organic PM	0.21%	7.35E-07
Fluoranthene	206-44-0	PM/HAP	PAH/POM	Organic PM	0.15%	5.25E-07
Fluorene	86-73-7	PM/HAP	PAH/POM	Organic PM	1.01%	3.54E-06
2-Methylnaphthalene	91-57-6	PM/HAP	PAH/POM	Organic PM	5.27%	**1.84E-05**
Naphthalene	91-20-3	PM/HAP	PAH/POM	Organic PM	1.82%	6.37E-06
Perylene	198-55-0	PM/HAP	PAH/POM	Organic PM	0.03%	1.05E-07
Phenanthrene	85-01-8	PM/HAP	PAH/POM	Organic PM	1.80%	6.30E-06
Pyrene	129-00-0	PM/HAP	PAH/POM	Organic PM	0.44%	1.54E-06
VOC	---	VOC	---	TOC	100%	3.50E-04
Methane	74-82-8	non-VOC/non-HAP	---	TOC	0.26%	9.10E-07
Acetone	67-64-1	non-VOC/non-HAP	---	TOC	0.055%	1.93E-07
Ethylene	74-85-1	non-VOC/non-HAP	---	TOC	1.10%	3.85E-06
Benzene	71-43-2	VOC/HAP	---	TOC	0.032%	1.12E-07
Bromomethane	74-83-9	VOC/HAP	---	TOC	0.0049%	1.72E-08
2-Butanone	78-93-3	VOC/HAP	---	TOC	0.039%	1.37E-07
Carbon Disulfide	75-15-0	VOC/HAP	---	TOC	0.016%	5.60E-08
Chloroethane	75-00-3	VOC/HAP	---	TOC	0.004%	1.40E-08
Chloromethane	74-87-3	VOC/HAP	---	TOC	0.023%	8.05E-08
Ethylbenzene	100-41-4	VOC/HAP	---	TOC	0.038%	1.33E-07
Formaldehyde	50-00-0	VOC/HAP	---	TOC	0.69%	2.42E-06
n-Hexane	100-54-3	VOC/HAP	---	TOC	0.10%	3.50E-07
Isooctane	540-84-1	VOC/HAP	---	TOC	0.00031%	1.09E-09
Methylene Chloride	75-09-2	non-VOC/HAP	---	TOC	0.00027%	9.45E-10
Styrene	100-42-5	VOC/HAP	---	TOC	0.0054%	1.89E-08
Toluene	100-88-3	VOC/HAP	---	TOC	0.062%	2.17E-07
m-/p-Xylene	1330-20-7	VOC/HAP	---	TOC	0.20%	7.00E-07
o-Xylene	95-47-6	VOC/HAP	---	TOC	0.057%	2.00E-07

ACRONYMS

PM = Particulate Matter
HAP = Hazardous Air Pollutant
PAH = Polyaromatic Hydrocarbon
POM = Polycyclic Organic Matter
VOC = Volatile Organic Compound
TOC = Total Organic Compounds

Total Potential Emissions of Organic PM HAPs (tons/yr) =	**3.99E-05**
Total Potential Emissions of Volatile HAPs (tons/yr) =	**4.45E-06**
Total Potential Emissions of HAPs (tons/yr) =	**4.44E-05**

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Heat Input Capacity MMBtu/hr		HHV mmBtu/mmscf	Potential Throughput MMCF/yr
9	Fluid Heater		
7.5	Boiler		
16.5		1020	141.7

	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.1	0.5	0.5	0.0	7.1	0.4	6.0

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.
PM2.5 emission factor is filterable and condensable PM2.5 combined.
**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,020 MMBtu
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

HAPS Calculations

	HAPs - Organics					
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	**Total - Organics**
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	
Potential Emission in tons/yr	1.488E-04	8.502E-05	5.314E-03	1.275E-01	2.409E-04	**1.333E-01**

	HAPs - Metals					
	Lead	Cadmium	Chromium	Manganese	Nickel	**Total - Metals**
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03	
Potential Emission in tons/yr	3.543E-05	7.794E-05	9.919E-05	2.692E-05	1.488E-04	**3.883E-04**
					Total HAPs	**1.337E-01**
Methodology is the same as above.					**Worst HAP**	**1.275E-01**

The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Appendix A: Emission Calculations
VOC and HAP Emissions
From Equipment Leaks

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Equipment Component Source	Product	Component Count**	Emission Factor*** (kg/hr/source)	Fugitive VOC Emissions (tons/yr)
Valves	Light Liquid	234	4.30E-05	0.10
Pumps	Light Liquid	15	5.40E-04	0.08
Connectors	All	432	8.00E-06	0.03
ST-9 Valves	Light Liquid	22	4.30E-05	0.01
ST-9 Pumps	Light Liquid	1	5.40E-04	0.01
ST-9 Connectors	All	44	8.00E-06	3.40E-03
Total				**0.23**

** Component count for entire source estimated by the source.

*** Emission factors are from Protocol for Equipment Leak Emission Estimates, EPA-453/R-95-017, Table 2-3.

Methodology
Fugitive VOC Emissions (tons/yr) = Component Count x Emission Factor (kg/hr/source)*2.20462 lb/kg x 8760 hr/yr x 1 ton/2000 lbs

Appendix A: Emission Calculations
VOC and HAP Emissions
From Equipment Leaks

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Stream	Valves	Flanges
Blender	30	42

Stream	Valves	Flanges
TK 1	10	16
TK 2	11	20
TK 3	23	48
TK 4	15	20
TK 5	19	45
TK 6	9	19
TK 7	4	8
TK 8	13	18

Stream	Valves	Flanges
Load. Rack	41	88

Stream	Valves	Flanges
Railcar	28	55

Stream	Valves	Flanges
Boiler Hse	12	29

Stream	Valves	Flanges
Dock	19	24

		Valves	Flanges
Total		**234**	**432**

Note: These totals do not include valves and flanges associated with ST-9.

Appendix A: Emission Calculations
VOC and HAP Emissions
From Equipment Leaks

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Equipment Component Source	Product	Component Count**	Emission Factor*** (kg/hr/source)	Fugitive VOC Emissions (tons/yr)
ST-10, 11, 12 Valves	Light Liquid	66	4.30E-05	0.03
ST-10, 11, 12 Pumps	Light Liquid	3	5.40E-04	0.02
ST-10, 11, 12 Connectors	All	132	8.00E-06	0.01
Total				**0.05**

** Component count for entire source estimated by the source.

*** Emission factors are from Protocol for Equipment Leak Emission Estimates, EPA-453/R-95-017, Table 2-3.

Methodology
Fugitive VOC Emissions (tons/yr) = Component Count x Emission Factor (kg/hr/source)*2.20462 lb/kg x 8760 hr/yr x 1 ton/2000 lbs

Appendix A: Emission Calculations
Asphalt Tank and Truck Loading Losses
VOCs, PM, and CO

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Vapor Pressure of Asphalt using Antoine's Equation (AP-42 Section 11.1.2.5)

Equation: log P = (-0.05223*A)/T + B

Asphalt Temperature, T =	315.0	Fahrenheit	log P =	-0.976	
=	157.2	Celcius	Asphalt Vapor Pressure, P =	1.65E-02	mmHg
=	394.4	Kelvin	=	2.17E-05	atm
A =	75350.06		=	3.19E-04	psia
B =	9.00346		Average Vapor Molecular Weight, M =	105	lb/lbmol

(AP-42 Section 11.1)

Volatile Organic Compound (VOC) emissions from withdrawl and standing losses using US EPA TANKS Version 4.09 program

Note: Per US EPA TANKS Version 4.09d, the annual emission losses for asphalt tanks ST-10, ST-11, and ST-12.

Tank ID	Product Stored	Throughput (gal/yr)	Losses (Tons per Year)		Total VOC (tons/yr)
			Standing	Working	
ST-10	Liquid Asphalt	6,000,000	9.50E-05	2.40E-03	2.50E-03
ST-11	Liquid Asphalt	6,000,000	9.50E-05	2.40E-03	2.50E-03
ST-12	Liquid Asphalt	6,000,000	9.50E-05	2.40E-03	2.50E-03
				Total	**7.49E-03** **tons/year**

VOC Emissions from truck loading losses (AP-42 Section 5.2, Equation 1)

Equation: Loading Losses (lbs VOC/1000 gallons), L = 12.46*S*P*M/T

Saturation Factor, S =	1.0	
Asphalt Vapor Pressure, P =	3.19E-04	psia
Average Vapor Molecular Weight, M =	105	lb/lbmol (AP-42 Section 11.1)
Asphalt Temperature, T =	775.0	R
Truck Loading Losses, L =	0.00054	lbs VOC/1000 gallons of asphalt
Total Throughput =	18,000,000	gallons of asphalt/year
Truck Loading Losses, L =	9.7	lbs/year VOC
Truck Loading Losses, L =	0.0048	tons/year VOC

Total VOC emissions from tank standing and working lossed and truck loading losses (tons/yr) = 1.23E-02

Particulate Matter and Carbon Monoxide

AP-42 Table 11.1-14 was used to determine potential emission of organic particulate matter (PM) and carbon monoxide (CO).
The following ratios were generated from silo filling assuming an asphalt temperature of 325 deg F and a volatility factor of -0.5:

Emission Factor (EF) Equations:			
Total PM = 0.000332+0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Temperature =	325.0	F
Organic PM = 0.00105(-V)*e^((0.0251)(T+460)-20.43)	Asphalt Volatility Factor, V =	-0.5	
TOC = 0.0504(-V)*e^((0.0251)(T+460)-20.43)	Total PM/TOC =	4.8E-02	ton/ton of TOC
CO = 0.00488(-V)*e^((0.0251)(T+460)-20.43)	Organic PM/TOC =	2.1E-02	ton/ton of TOC
	CO/TOC =	0.097	ton/ton of TOC

ACRONYMS

TOC = Total Organic Compounds
CO = Carbon Monoxide
PM = Particulate Matter
HAP = Hazardous Air Pollutant
VOC = Volatile Organic Compound

Potential Emissions of Total PM =	**5.9E-04**	**tons/yr***
Potential Emissions of Organic PM =	**2.6E-04**	**tons/yr***
Potential Emissions of CO =	**1.2E-03**	**tons/yr***

*Assuming TOC = VOCs from tank standing and working losses and truck loading losses

Appendix A: Emission Calculations
Asphalt Storage Tanks (ST-1, ST-2, ST-6, ST-7, ST-8) and Asphalt Truck Loading Losses
Hazardous Air Pollutants (HAPs)

Company Name: Tanco Terminals, Inc.
Source Address: 400 East Boundry Road, Portage, IN 46368
TV Permit No.: T 127-43091-00046
Reviewer: Michaela Hecox

Organic Particulate-Based and Organic Volatile-Based Compounds (AP-42 Table 11.1-15 and Table 11.1-16)

Pollutant	CASRN	Category	HAP Type	Source	Asphalt Storage Tank (% by weight of Total Organic PM)	Potential Emissions (tons/yr)
Acenaphthene	83-32-9	PM/HAP	PAH/POM	Organic PM	0.47%	1.21E-06
Acenaphthylene	208-96-8	PM/HAP	PAH/POM	Organic PM	0.014%	3.60E-08
Anthracene	120-12-7	PM/HAP	PAH/POM	Organic PM	0.13%	3.34E-07
Benzo(a)anthracene	56-55-3	PM/HAP	PAH/POM	Organic PM	0.056%	1.44E-07
Benzo(e)pyrene	192-97-2	PM/HAP	PAH/POM	Organic PM	0.0095%	2.44E-08
Chrysene	218-01-9	PM/HAP	PAH/POM	Organic PM	0.21%	5.40E-07
Fluoranthene	206-44-0	PM/HAP	PAH/POM	Organic PM	0.15%	3.85E-07
Fluorene	86-73-7	PM/HAP	PAH/POM	Organic PM	1.01%	2.60E-06
2-Methylnaphthalene	**91-57-6**	**PM/HAP**	**PAH/POM**	**Organic PM**	**5.27%**	**1.35E-05**
Naphthalene	91-20-3	PM/HAP	PAH/POM	Organic PM	1.82%	4.68E-06
Perylene	198-55-0	PM/HAP	PAH/POM	Organic PM	0.03%	7.71E-08
Phenanthrene	85-01-8	PM/HAP	PAH/POM	Organic PM	1.80%	4.62E-06
Pyrene	129-00-0	PM/HAP	PAH/POM	Organic PM	0.44%	1.13E-06
VOC	---	VOC	---	TOC	100%	2.57E-04
Methane	74-82-8	non-VOC/non-HAP	---	TOC	0.26%	6.68E-07
Acetone	67-64-1	non-VOC/non-HAP	---	TOC	0.055%	1.41E-07
Ethylene	74-85-1	non-VOC/non-HAP	---	TOC	1.10%	2.83E-06
Benzene	71-43-2	VOC/HAP	---	TOC	0.032%	8.22E-08
Bromomethane	74-83-9	VOC/HAP	---	TOC	0.0049%	1.26E-08
2-Butanone	78-93-3	VOC/HAP	---	TOC	0.039%	1.00E-07
Carbon Disulfide	75-15-0	VOC/HAP	---	TOC	0.016%	4.11E-08
Chloroethane	75-00-3	VOC/HAP	---	TOC	0.004%	1.03E-08
Chloromethane	74-87-3	VOC/HAP	---	TOC	0.023%	5.91E-08
Ethylbenzene	100-41-4	VOC/HAP	---	TOC	0.038%	9.76E-08
Formaldehyde	50-00-0	VOC/HAP	---	TOC	0.69%	1.77E-06
n-Hexane	100-54-3	VOC/HAP	---	TOC	0.10%	2.57E-07
Isooctane	540-84-1	VOC/HAP	---	TOC	0.00031%	7.97E-10
Methylene Chloride	75-09-2	non-VOC/HAP	---	TOC	0.00027%	6.94E-10
Styrene	100-42-5	VOC/HAP	---	TOC	0.0054%	1.39E-08
Toluene	100-88-3	VOC/HAP	---	TOC	0.062%	1.59E-07
m-/p-Xylene	1330-20-7	VOC/HAP	---	TOC	0.20%	5.14E-07
o-Xylene	95-47-6	VOC/HAP	---	TOC	0.057%	1.46E-07

ACRONYMS

PM = Particulate Matter
HAP = Hazardous Air Pollutant
PAH = Polyaromatic Hydrocarbon
POM = Polycyclic Organic Matter
VOC = Volatile Organic Compound
TOC = Total Organic Compounds

Total Potential Emissions of Organic PM HAPs (tons/yr) =	**2.93E-05**
Total Potential Emissions of Volatile HAPs (tons/yr) =	**3.27E-06**
Total Potential Emissions of HAPs (tons/yr) =	**3.26E-05**

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Duane Pecci
Tanco Terminals, Inc.
3200 Sheffield Ave, Bldg 2
Hammond, IN 46327

DATE: March 25, 2021

FROM: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Title V Operating Permit
127-43091-00046

This notice is to inform you that a final decision has been issued for the air permit application referenced above.

Our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person. In addition, the Notice of Decision has been sent to the OAQ Permits Branch Interested Parties List and, if applicable, the Consultant/Agent and/or Responsible Official/Authorized Individual.

The final decision and supporting materials are available electronically; the original signature page is enclosed for your convenience. The final decision and supporting materials available electronically at:

IDEM's online searchable database: http://www.in.gov/apps/idem/caats/ . Choose Search Option **by Permit Number**, then enter permit 43091

and

IDEM's Virtual File Cabinet (VFC): http://www.IN.gov/idem. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, or have difficulty accessing the documents online, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover Letter 8/20/20-acces via website

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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

March 25, 2021

TO: Hammond Public Library

From: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: **Tanco Terminals, Inc.**
Permit Number: **127-43091-00046**

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library 1/9/2017

Mail Code 61-53

IDEM Staff	TAWEAVER March 25, 2021 Tanco Terminals Inc 127-43091-00046 (final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**

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2		Ken Long Manager Tanco Terminals Inc 3200 Sheffield Ave Bldg 2 Hammond IN 46327 *(RO CAATS)*									
3		Hammond Public Library 564 State St Hammond IN 46320-1532 *(Library)*									
4		Porter County Board of Commissioners 155 Indiana Ave, Ste 205 Valparaiso IN 46383 *(Local Official)*									
5		Porter County Health Department 155 Indiana Ave, Suite 104 Valparaiso IN 46383-5502 *(Health Department)*									
6		Mr. Ed Dybel 900 Parker Place, Suite A Schererville IN 46325-1482 *(Affected Party)*									
7		Mr. Joseph Virgil 128 Kinsale Avenue Valparaiso IN 46385 *(Affected Party)*									
8		Burns Harbor Town Council 1240 N. Boo Rd Burns Harbor IN 46304 *(Local Official)*									
9		Eric & Sharon Haussman 57 Shore Drive Ogden Dunes IN 46368 *(Affected Party)*									
10		Portage City Council and Mayors Office 6070 Central Ave Portage IN 46368 *(Local Official)*									
11		Joseph Hero 11723 S Oakridge Drive St. John IN 46373 *(Affected Party)*									
12		Mr. Greg Towler Cornerstone Environmental Health and Safety, Inc. 1134 Blackstone Blvd Nappanee IN 46550 *(Consultant)*									
13		Jeff Mayes News-Dispatch 422 Franklin St Michigan City IN 46360 (Affected Party)									
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