Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

11/28/2011

Pamela Blakley *Via E-Mail Notification*
United States Environmental Protection Agency
Mail Code: AR-18J
77 West Jackson Blvd.

Chicago, IL 60604-3507

RE: PROPOSED AIR POLLUTION TITLE V PERMIT
Facility Name: Marathon Petroleum Company LP - Canton Terminal
Facility ID: 1576002007
Permit Type: Renewal
Permit Number: P0104953

Dear Ms. Blakley:

A proposed OAC Chapter 3745-77 Title V permit for the referenced facility has been issued for review by U.S. EPA. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page http://www.epa.ohio.gov/dapc in Microsoft Word and Adobe Acrobat format. If U.S. EPA does not object to this proposed permit, the permit will be processed for issuance as a final action not less than 45 days from the date of this letter. Please contact me at (614) 644-3631 by the end of the 45 day review period if you wish to object to the proposed permit.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Canton City Health Department

50 West Town Street, Suite 700
P.O. Box 1049
Columbus, OH 43216-1049

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Ohio | Environmental Protection Agency

PROPOSED

Division of Air Pollution Control
Title V Permit
for
Marathon Petroleum Company LP - Canton Terminal

Facility ID:	1576002007
Permit Number:	P0104953
Permit Type:	Renewal
Issued:	11/28/2011
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Ohio Environmental Protection Agency

Division of Air Pollution Control
Title V Permit
for
Marathon Petroleum Company LP - Canton Terminal

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Authorization

Facility ID: 1576002007
Facility Description: Gasoline and diesel loading rack terminal
Application Number(s): A0037511, A0042902, A0043222
Permit Number: P0104953
Permit Description: Title V Renewal permit for a bulk gasoline terminal.
Permit Type: Renewal
Issue Date: 11/28/2011
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Superseded Permit Number: P0101117

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

Marathon Petroleum Company LP - Canton Terminal
2419 Gambrinus Avenue SW
Canton, OH 44706

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Canton City Health Department
420 Market Avenue
Canton, OH 44702-1544
(330)489-3385

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Canton City Health Department. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

(1) The date, place (as defined in the permit), and time of sampling or measurements.

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive

measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the

insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Canton City Health Department.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with Standard Term and Condition A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the

Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(1) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminent sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

a) Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

(1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

(2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

(3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

(4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c) The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

(1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

(2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

21. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping RequirementsUnder State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

25. Records Retention RequirementsUnder State Law Only

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

26. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

(Authority for term: OAC rule 3745-77-07(C))

27. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

28. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) [OAC rule 3745-15-03(A)]
   Unless other arrangements have been approved by the Director (the appropriate Ohio EPA District Office or local air agency), all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

2. The following insignificant emissions units at this facility must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within the identified permit to install for the emissions unit. The insignificant emissions units listed below are subject to one or more applicable requirements contained in a permit-to-install or in the SIP approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21, and/or 40 CFR Part 60 or 63:

   a) None

C. Emissions Unit Terms and Conditions

1. J001, Gasoline/Diesel/Ethanol Loading Rack

Operations, Property and/or Equipment Description:

Emissions unit J001 is a gasoline/diesel/ethanol loading rack that loads gasoline cargo tank trucks at a bulk gasoline terminal. The loading rack consists of 6 loading bays. Volatile organic compounds (VOC) emissions are controlled by a primary carbon adsorber/vapor recovery unit (VRU) and a backup thermal oxidizer/vapor burner system (VBS).

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	10.0 lbs NO_X/hr 25.1 lbs CO/hr See b)(2)a. through b)(2)d.
b.	OAC rule 3745-31-05(D)	8.35 tons NO_X per rolling, 12-month period 20.9 tons CO per rolling, 12-month period 38.7 tons VOC per rolling, 12-month period See b)(2)b. through b)(2)d., c)(1) and c)(2)
c.	OAC rule 3745-31-05(F), Voluntary Restriction	VOC emissions from facility-wide fugitive equipment leaks shall not exceed 39.2 tons per year. See b)(2)e. through b)(2)f.
d.	OAC rule 3745-21-09(T)	See b)(2)g.
e.	OAC rule 3745-21-09(Q)	See b)(2)h. and c)(3)
f.	OAC rule 3745-17-11(B)(1)	Exempt. See b)(2)i.
g	OAC rule 3745-17-07(A)(1)	Exempt. See b)(2)j.
h.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions. See b)(2)k.
i.	40 CFR Part 60, Subpart J (40 CFR 60.100-109) See b)(2)l.	The permittee shall not burn any fuel gas that contains H_2S in excess of 230 mg/dscm(0.10 gr/dscf). [40 CFR 60.104(a)(1)] See b)(2)m.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
j.	40 CFR Part 60, Subpart GGGa (40 CFR 63.590a-593a)	See b)(2)g and b)(2)n.
k.	40 CFR Part 63, Subpart A (40 CFR 63.1-16)	Table 1 to Subpart R of Part 63 lists the General Provisions applicability to Subpart R. See b)(2)k.
l.	40 CFR Part 63, Subpart R (40 CFR 63.420-429) See b)(2)o.	10.0 mg OC/liter gasoline loaded (0.084 lb OC/1000 gallons gasoline loaded) [40 CFR 63.422(b)] See b)(2)p., c)(4), c(5), and d)(10)
m.	40 CFR Part 63, Subpart CC (40 CFR 63.640-679)	Exempt. See b)(2)q.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) requirements include compliance with the applicable sections of 40 CFR Part 60, Subpart J and 40 CFR Part 63, Subpart R as specified in the terms and conditions of this permit.

b. The permittee shall comply with the emissions limitations for nitrogen oxides (NO_X) and carbon monoxide (CO) only when using the backup thermal oxidizer/VBS as a means of controlling VOC emissions from this emissions unit.

c. The pounds per hour and tons per year NO_X and CO emissions limits were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure ongoing compliance with these emissions limitations.

d. All of the VOC emissions from this emissions unit, except from fugitive components, shall be vented to a carbon adsorber or thermal oxidation system that shall meet the operational, monitoring, and recordkeeping requirements of this permit, when the emissions unit is in operation.

e. Installation of and modification to equipment included in this emissions unit shall not require a PTI pursuant to OAC rule 3745-31 solely as a result of increases in emissions from fugitive components unless and until the calculated facility-wide potential emissions from fugitive components equals or exceeds the facility-wide allowable emissions limit in b)(1)a.

f. The permittee shall consider only those fugitive component emissions from the emissions unit being installed (i.e., not facility-wide fugitive component emissions) when determining applicability under OAC 3745-31-11 through OAC 3745-31-20.

g. BAT for the control of fugitive VOC emissions from fugitive components shall be satisfied through implementation of and compliance with the permittee's approved Leak Detection and Repair (LDAR) Program.

The permittee's LDAR program, shall address the requirements of OAC rule 3745-21-09(T), 40 CFR Part 63, Subparts R, CC, and TT, and 40 CFR Part 60, Subparts GGG and GGGa.

h. The emissions limitation of 0.67 pound of VOC per thousand gallons (80 mg VOC/liter) of gasoline loaded specified by this rule is less stringent than the emissions limitation established pursuant to 40 CFR Part 63, Subpart R.

i. Pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of this rule shall not apply, because the uncontrolled mass rate of particulate emissions from this emissions unit is less than 10 pounds per hour. In addition, pursuant to OAC rule 3745-17-11(A)(4), Table I of this rule shall not apply, because the process weight rate that causes any emissions of particulate matter is equal to zero.

j. Pursuant to OAC rule 3745-17-07(A)(3)(h), this emissions unit is exempt from the visible emission particulate emissions limitations specified in this rule, because the air contaminant source is not subject to any mass emissions limitation in OAC rule 3745-17-11.

k. The permittee shall develop and implement a written quality assurance/quality control plan for the continuous VOC monitoring system, designed to ensure continuous valid and representative readings of VOC emissions in units of the applicable standard(s). The program shall follow the requirements of 40 CFR Part 60, Appendix F. The quality assurance/quality control plan and a logbook dedicated to the continuous VOC monitoring system must be kept on site and available for inspection during regular office hours.

The plan shall include the requirement to conduct quarterly cylinder gas audits or relative accuracy audits as required in 40 CFR Part 60; and to conduct annual relative accuracy test audits in units of the standard(s), in accordance with and at the frequency required per 40 CFR Part 60.

l. In accordance with §60.104(a)(1), this emissions unit employs a backup fuel gas combustion control device, for which construction commenced after June 11, 1973 and before May 14, 2007, to process petroleum refinery products. Therefore, it is subject to the emissions limitations/control measures specified in this section.

m. The permittee may utilize the R.A. Nichols Engineering (RANE) portable equalizer/VBS, or equivalent, during periods of planned or unplanned carbon adsorber/VRU maintenance downtime in accordance with the Alternative Monitoring Plan approved by the US EPA on July 17, 2002. Pursuant to §63.421, the RANE unit is classified as thermal oxidation system, because it provides an enclosed flame to heat and oxidize air pollutants.

i. The permittee shall comply with all applicable emissions limitations and requirements specified in this permit during the operation of the thermal oxidizer/VBS control device. The thermal oxidizer/VBS shall be operated at all times when emissions are vented to it.

ii. The thermal oxidizer/VBS shall be used only as a temporary control measure for VOC emissions. The use of a thermal oxidizer/VBS to control VOC emissions from this emissions unit may be re-evaluated at any time based on information provided by Marathon Petroleum Company, LP (MPC) as specified in d) and e) of this permit, or as requested by the Director (the appropriate Ohio EPA District Office or local air agency).

iii. An alternative thermal oxidizer/VBS may be used provided the permittee has demonstrated compliance with the applicable requirements and emission limitations/control measures specified in b)(1) using the alternate thermal oxidizer/VBS under the same conditions as its intended use and in accordance with the testing requirements in f) of this permit.

iv. The permittee shall operate the thermal oxidizer/VBS in conformance with the design of the device and according to manufacturer recommendations and specifications.

n. The permittee shall comply with the requirements for applicable equipment leak provisions in 40 CFR Part 60, Subpart VVa (40 CFR 60.482-1a to 60.482-10a), except as specified in 40 CFR 60.593a.

o. In accordance with §63.421, this emissions unit is a controlled loading rack located at a gasoline facility which receives gasoline by pipeline and has a maximum calculated design throughput greater than 75,700 liters of gasoline per day. Therefore, it is subject to the emissions limitations/control measures specified in this section.

p. Pursuant to §63.422(a) and (c), the permittee shall comply with the following loading rack standards in 40 CFR Part 60, Subpart XX:

i. The loading rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.

ii. Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack.

iii. Loadings of liquid product into gasoline cargo tanks shall be limited to vapor-tight gasoline cargo tanks.

iv. The permittee shall act to assure that loadings of gasoline tank trucks at the loading rack are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

v. The permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline cargo tank at the loading rack.

vi. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading.

vii. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

Pursuant to §63.422(e), as an alternative to §60.502(h) and (i), the permittee may comply with the following requirement: No pressure-vacuum vent in the bulk gasoline terminal's vapor processing system or vapor collection system may begin to open at a system pressure less than the applicable test limits in §63.425(e).

q. This emissions unit is exempt from the gasoline loading rack provisions specified in §63.650, because it is not classified under Standard Industrial Classification code 2911.

c) Operational Restrictions

(1) The maximum annual gasoline throughput rate for this emissions unit shall not exceed 920,000,000 gallons per year, based upon a rolling, 12-month summation of gasoline throughput.

a. The maximum gasoline throughput rate for this emissions unit while a thermal oxidizer/VBS is being used to control VOC emissions shall not exceed 500,000,000 gallons per year, based upon a rolling, 12-month summation of gasoline throughput.

[Authority for term: OAC rules 3745-31-05(D), 3745-77-07(A)(1) and PTI P0108488]

(2) The permittee shall comply with the bulk gasoline terminal requirements pursuant to OAC rule 3745-21-09(Q), including the following sections:

a. The loading rack shall be equipped with a vapor control system whereby any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.

b. A means is provided to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

c. All gasoline loading lines and vapor lines are equipped with fittings which are vapor tight.

[Authority for term: OAC rules 3745-21-09(Q), 3745-77-07(A)(1) and PTI P0108488]

(3) The permittee shall operate the vapor processing system in a manner not to exceed the operating parameter value for the parameter described in §63.427(a)(1), or to go below

the operating parameter value for the parameter described in §63.427(a)(3), and established using the procedures in §63.425(b).

a. The permittee shall operate the carbon adsorption system/VRU in a manner not to exceed an exhaust organic compound (OC) concentration of 0.68 percent, by volume, as determined in accordance with the performance test conducted in August 2007 that demonstrated compliance with the allowable emission limit of 10 mg VOC/liter of gasoline loaded (0.084 lb VOC/1000 gallons gasoline loaded).

b. The permittee shall operate the thermal oxidation system/VBS in a manner not to go below the 6-hour average combustion temperature of 542 degrees Fahrenheit, as determined in accordance with the performance test conducted in October 2010 that demonstrated compliance with the allowable emission limit of 10 mg VOC/liter of gasoline loaded (0.084 lb VOC/1000 gallons gasoline loaded).

The operating parameter values are effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the Director (the appropriate Ohio EPA District Office or local air agency). The permittee may request revisions to the permitted operating parameter values based upon information obtained during future performance tests that demonstrate compliance with the allowable emission rate(s) for the controlled pollutant(s). In addition, approved revisions to the operating parameter values will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a minor permit modification.

[Authority for term: OAC rule 3745-77-07(A)(1), 40 CFR 63.427(b), 3745-31-05(D) and PTI P0108488]

(4) The permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: minimize gasoline spills; clean up spills as expeditiously as practicable; cover all open gasoline containers with a gasketed seal when not in use; and minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[Authority for term: OAC rule 3745-77-07(A)(1), 40 CFR 63.424(g) and PTI P0108488]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information:

a. Gasoline throughput for each calendar month;

b. Cumulative gasoline throughput for each calendar month during the first 12 months of operation following the issuance of this permit;

c. Rolling, 12-month summation of the gasoline throughput after the first 12 calendar months of operation following the issuance of this permit;

d. Cumulative gasoline throughput while the VBS is being used to control VOC emissions for each calendar month during the first 12 months of operation following the issuance of this permit;

e. Rolling, 12-month summation of the gasoline throughput while the VBS is being used to control VOC emissions after the first 12 calendar months of operation following the issuance of this permit; and

f. Total monthly VOC emissions calculated by multiplying the operating parameter value for the organic compound concentration in the exhaust gases from the carbon adsorber/VRU (0.68 percent) by the cumulative gasoline throughput for each calendar month.

[Authority for term: OAC rules 3745-31-05(D), 3745-77-07(C)(1) and PTI P0108488]

(2) The permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) as specified below:

a. Where a carbon adsorption system/VRU is used to control VOC emissions, a continuous emissions monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.

b. Where a thermal oxidation system/VBS other than a flare is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature must be installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.427(a) and PTI P0108488]

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

The permittee shall record all data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter values under §63.425(b).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.428(c) and PTI P0108488]

(4) The permittee shall maintain on-site, the document(s) of certification received from the U.S. EPA or the Ohio EPA's Central Office documenting that the continuous VOC monitoring system has been certified to meet the requirements of 40 CFR Part 60, Appendix B, Performance Specification 8. The letter(s) of certification shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

Each CMS consists of all the equipment used to acquire and record data in units of all applicable standard(s), and includes the sample extraction and transport hardware, sample conditioning hardware, analyzers, and data processing hardware and software.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.13, 40 CFR Part 60 Appendix B and PTI P0108488]

(5) The permittee shall operate and maintain equipment to continuously monitor and record VOC concentration of the exhaust gases from the carbon adsorption system/VRU in units of the applicable standard(s), using the detection principle of the reference method specified in the regulation(s) or this permit. The continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.

The permittee shall maintain records of data obtained by the continuous VOC monitoring system for exhaust gases from the carbon adsorber/VRU including, but not limited to:

a. percent VOC, by volume, on an instantaneous basis in 6-hour averaging periods;

b. results of quarterly cylinder gas audits;

c. results of daily zero/span calibration checks and the magnitude of manual calibration adjustments;

d. results of required relative accuracy test audit(s), including results in units of the applicable standard(s);

e. date, time, and hours of operation of the emissions unit, continuous VOC monitoring system, and control equipment;

f. date, time, and hours of operation of the emissions unit without the control equipment and/or the continuous VOC monitoring system;

g. date, time, and hours of operation of the emissions unit during any malfunction of the control equipment and/or the continuous VOC monitoring system; as well as,

h. the reason (if known) and the corrective actions taken (if any) for each such event described in sections d)(5)f. and g. above.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.13, 40 CFR 63.10(c), CFR Part 60 Appendices B & F and PTI P0108488]

(6) The permittee shall properly install, operate, and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature within the thermal oxidizer/VBS when the emissions unit is in operation, including periods of startup and shutdown. A minimum frequency of one cycle of operation (sampling, analyzing, and data recording) shall be completed for each successive 15-minute period. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within ±1 percent of the temperature being measured or ±5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated, and

maintained in accordance with the manufacturer's recommendations, instructions, and operating manuals, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information each day the thermal oxidation system/VBS is required to demonstrate compliance with the VOC limitation contained in this permit:

a. all 6-hour blocks of time, when the emissions unit controlled by the thermal oxidizer/VBS was in operation, during which the average combustion temperature within the thermal oxidizer/VBS was below 542 degrees Fahrenheit; and

b. a log or record of the operating time for the capture (collection) system, thermal oxidizer/VBS, monitoring equipment, and the associated emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.8(c), 3745-31-05(D) and PTI P0108488]

(7) Whenever a monitored operating parameter value deviates from the limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

a. the date and time the deviation began;

b. the magnitude of the deviation at that time;

c. the date the investigation was conducted;

d. the name(s) of the personnel who conducted the investigation; and

e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

a. a description of the corrective action;

b. the date corrective action was completed;

c. the date and time the deviation ended;

d. the total period of time (in minutes) during which there was a deviation;

e. the VOC concentration of the exhaust gases from the carbon adsorber/VRU or the thermal oxidizer/VBS combustion temperature readings, whichever is applicable, immediately after the corrective action was implemented; and

f. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(D) and PTI P0108488]

(8) The permittee shall limit loadings of liquid product into vapor-tight gasoline cargo tanks using the following procedures:

a. The permittee shall obtain the vapor tightness documentation described in §60.505(b) for each gasoline cargo tank which is to be loaded at the loading rack.

i. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect the current test results as determined by Method 27. The minimum documentation requirements of §60.505(b) are less stringent than those specified in §63.428(b) listed under d)(9) below.

b. The permittee shall require the tank identification number to be recorded as each gasoline cargo tank is loaded at the loading rack.

c. The permittee shall cross-check each tank identification number obtained in §60.502(e)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:

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

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

If either the quarterly or semiannual cross-check provided in §60.502(e)(3)(i)(A) or (B) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

d. The permittee shall notify the owner or operator of each non-vapor-tight gasoline cargo tank loaded at the loading rack within 1 week of the documentation cross-check in §60.502(e)(3).

e. The permittee shall take steps assuring that the non-vapor-tight gasoline cargo tank will not be reloaded at the facility until vapor tightness documentation for that gasoline cargo tank is obtained which documents that:

i. The tank truck meets the test requirements in §63.425(e); and

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

(a) Before repair work is performed on the cargo tank, meets the test requirements in §63.425(g) or (h); or

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

f. Alternate procedures to those described in §60.502(e)(1) through (5) for limiting gasoline cargo tank loadings may be used upon application to, and approval by, the Director (the appropriate Ohio EPA District Office or local air agency).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.422, 40 CFR 60.502(e) and PTI P0108488]

(9) The permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as follows:

a. Annual certification testing performed under §63.425(e);

b. Continuous performance testing performed at any time at that facility under §63.425 (f), (g), and (h); and

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

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

ii. Cargo tank owner's name and address;

iii. Cargo tank identification number;

iv. Test location and date;

v. Tester name and signature;

vi. Witnessing inspector, if any: name, signature, and affiliation;

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

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

d. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in §63.428(b), the permittee may comply with either of the following requirements specified in §63.428(k)(1) or (2):

i. An electronic copy of each record is instantly available at the terminal.

(a) The copy of each record in §63.428(k)(1) is an exact duplicate image of the original paper record with certifying signatures.

(b) The permitting authority is notified in writing that each terminal using this alternative is in compliance with §63.428(k)(1).

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

(a) The copy of each record in §63.428(k)(2) is an exact duplicate image of the original paper record with certifying signatures.

(b) The permitting authority is notified in writing that each terminal using this alternative is in compliance with §63.428(k)(2).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.428 and PTI P0108488]

(10) The permittee shall comply with the applicable equipment leak standards pursuant to 40 CFR Part 63, Subpart R, including the following sections:

a. The permittee shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. Each piece of equipment shall be inspected during the loading of a gasoline cargo tank.

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

c. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in §63.424(d).

d. Delay of repair of leaking equipment will be allowed upon a demonstration to the Director (the appropriate Ohio EPA District Office or local air agency) that repair within 15 days is not feasible. The permittee shall provide the reason(s) a delay is needed and the date by which each repair is expected to be completed.

e. As an alternative to compliance with the provisions in §63.424(a) through (d), the permittee may implement an instrument leak monitoring program that has been demonstrated to the Director (the appropriate Ohio EPA District Office or local air agency) as at least equivalent. The operational restrictions, monitoring, recordkeeping, and reporting requirements established in the MPC, Ohio Refining Division's, Canton Refinery Leak Detection and Repair (LDAR) Program satisfy the equipment leak standards under §63.424.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.424 and PTI P0108488]

(11) The permittee shall record the following information in the log book for each leak that is detected:

a. Equipment type and identification number;

b. Nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell);

c. Date the leak was detected and the date of each attempt to repair the leak;

d. Repair methods applied in each attempt to repair the leak;

e. ”Repair delayed” and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak;

f. Expected date of successful repair of the leak if the leak is not repaired within 15 days; and

g. Date of successful repair of the leak.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.428(e) and PTI P0108488]

(12) The permittee shall conduct monitoring as specified in §60.105(a)(3) and (4) unless compliance with the H2S emissions limitation has been demonstrated using the Alternative Monitoring Plan as described in g)(1) of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.105 and PTI P0108488]

(13) All records required by this permit shall be stored in a readily accessible location for at least five years and shall be available to the Director (the appropriate Ohio EPA District Office or local air agency) upon request.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.10(b)(1) and PTI P0108488]

(14) The permittee shall comply with the applicable equipment leak standards pursuant to 40 CFR Part 60, Subpart GGGa, including the following sections:

a. The permittee shall comply with the requirements of §§60.482-1a to 60.482-10a as soon as practicable, but no later than 180 days after initial startup.

b. The permittee may elect to comply with the requirements §60.483-1a, §60.483-2a or Phase III provisions in §63.168. The permittee may elect to follow the provisions in §60.482-7a(f) instead of §63.168 for any valve that is designated as being leakless.

c. The permittee may apply to the Administrator for a determination of equivalency for any means of emission limitation that achieves a reduction in emissions of VOC at least equivalent to the reduction in emissions of VOC achieved by the controls required in this subpart. In doing so, the permittee shall comply with the requirements of §60.484a.

d. The permittee shall comply with the provisions of §60.485a except as provided in §60.593a.

e. The permittee shall comply with the provisions of §§60.486a and 60.487a.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.592(a) and PTI P0108488]

e) Reporting Requirements

(1) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency), in writing, when the backup thermal oxidizer/VBS will be used to control emissions from this emissions unit 30 days prior to planned usage and within 14 days following an unplanned usage of the thermal oxidizer/VBS. This notification shall include the following information:

a. Dates and times of startup of the thermal oxidizer/VBS;

b. Reason(s) for using the thermal oxidizer/VBS;

c. Approximate length of time the thermal oxidizer/VBS will be used;

d. If there will be a change in the type of emissions controlled by the thermal oxidizer/VBS; and

e. If the thermal oxidizer/VBS is not the RANE portable equalizer specified in b)(2)j. of this permit, why an alternative system is being used and the most recent stack test report for this equivalent thermal oxidizer/VBS.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(D) and PTI P0108488]

(2) The permittee shall submit a quarterly excess emissions and continuous monitoring system performance report and/or a summary report to Director (the appropriate Ohio EPA District Office or local air agency), within 30 days following the end of each calendar quarter, documenting all instances of VOC emissions in excess of any applicable limit specified in this permit.

Each written excess emissions report shall address the operations conducted and data obtained during the previous calendar quarter and include all the information required in §63.10(c)(5) through (13), in §63.8(c)(7) and (8), and in §63.428(h). When no excess emissions or exceedances of a parameter have occurred, or a CMS has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

As required under §63.10(e)(3)(vii) and (viii), one summary report shall be submitted for the hazardous air pollutants monitored at each affected source. The summary report shall be entitled "Summary Report—Gaseous and Opacity Excess Emission and Continuous Monitoring System Performance" and shall contain the following information:

a. The company name and address;

b. An identification of each hazardous air pollutant monitored;

c. The beginning and ending dates of the reporting period;

d. A brief description of the process units;

e. The emission and operating parameter limitations;

f. The monitoring equipment manufacturer(s) and model number(s);

g. The date of the latest CMS certification or audit;

h. The total operating time during the reporting period;

i. An emission data summary (or similar summary if the owner or operator monitors control system parameters), including the total duration of excess emissions during the reporting period (recorded in minutes for opacity and hours for gases), the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to startup/shutdown, control equipment problems, process problems, other known causes, and other unknown causes;

j. A CMS performance summary (or similar summary if the owner or operator monitors control system parameters), including the total CMS downtime during the reporting period (recorded in minutes for opacity and hours for gases), the total duration of CMS downtime expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total CMS downtime during the reporting period into periods that are due to monitoring equipment malfunctions, nonmonitoring equipment malfunctions, quality assurance/quality control calibrations, other known causes, and other unknown causes;

k. A description of any changes in CMS, processes, or controls since the last reporting period;

l. The name, title, and signature of the responsible official who is certifying the accuracy of the report; and

m. The date of the report.

If the total duration of excess emissions or process or control system parameter exceedances for the reporting period is less than 1 percent of the total operating time for the reporting period, and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report shall be submitted, and the full excess emissions and continuous monitoring system performance report need not be submitted unless required by the Director (the appropriate Ohio EPA District Office or local air agency).

If the total duration of excess emissions or process or control system parameter exceedances for the reporting period is 1 percent or greater of the total operating time for the reporting period, or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, both the summary report and the excess emissions and continuous monitoring system performance report shall be submitted.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.10(e)(3) and PTI P0108488]

(3) The permittee shall submit an excess emissions report to the Director (the appropriate Ohio EPA District Office or local air agency) in accordance with §63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under this subpart, and the following information shall be included in the excess emissions report, as applicable:

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

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

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

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

i. Date on which the leak was detected;

ii. Date of each attempt to repair the leak;

iii. Reasons for the delay of repair; and

iv. Date of successful repair.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.428(h) and PTI P0108488]

(4) The permittee shall submit a semiannual report to the Director (the appropriate Ohio EPA District Office or local air agency), including the following information:

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

b. Number of equipment leaks not repaired within 5 days after detection.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.428(g) and PTI P0108488]

(5) The permittee shall submit quarterly deviation (excursion) reports to the Director (the appropriate Ohio EPA District Office or local air agency) by January 30, April 30, July 30, and October 30 of each year. These deviation reports shall address the data obtained during the previous calendar quarter and shall identify the following:

a. any period of time (start time and date, and end time and date) when the emissions unit was in operation and the process emissions were not vented to a carbon adsorption or thermal oxidation system;

b. each incident of deviation described in e)(3)a. and e)(5)a. above, where a prompt investigation was not conducted;

c. each incident of deviation described in e)(3)a. and e)(5)a. above, where prompt corrective action, that would bring the emissions unit into compliance and/or the operating parameter values into compliance with the acceptable limits, was determined to be necessary and was not taken;

d. each incident of deviation described in e)(3)a. and e)(5)a. above, where proper records were not maintained for the investigation and/or the corrective action(s);

e. any change in the description, types, identification numbers, and locations of the equipment in gasoline service at the facility;

f. any exceedance of the 920,000,000 gallon, rolling, 12-month summation of gasoline throughput allowance, and/or 500,000,000 gallon, rolling, 12-month summation of gasoline throughput allowance while using a thermal oxidizer/VBS to control VOC emissions, for this emissions unit;

g. each instance of emissions in excess of any applicable limit specified in b)(1) of this permit, including:

i. Date that the exceedance occurred;

ii. Explanation of the exceedance;

iii. Duration of the exceedance;

iv. Whether the exceedance was concurrent with a startup, shutdown, or malfunction of an affected facility or control system; and

v. A description of the corrective action taken, if any, and the root cause analysis, if applicable.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-15-03(C) and PTI P0108488]

(6) The permittee shall submit semiannual reports to the Director (the appropriate Ohio EPA District Office or local air agency) in accordance with §60.487a, beginning 6 months after the initial start-up date.

a. The initial semiannual report shall in include the following information:

i. Process unit identification;

ii. Number of valves subject to the requirements of §60.482-7a, excluding those valves designated for no detectable emissions under the provisions of §60.482-7a(f);

iii. Number of pumps subject to the requirements of §60.482-2a, excluding those compressors designated for no detectable emissions under the provisions of §60.482-2a(e) and those pumps complying with §60.482a(f);

iv. Number of compressors subject to the requirements of §60.482-3a, excluding those compressors designated for no detectable emissions under the provisions of §60.482-3a(i) and those compressors complying with §60.482-3a(h);

v. The number of connectors subject to the requirements of §60.482-11a.

b. All semiannual reports to the Director (the appropriate Ohio EPA District Office or local agency) shall include the following information, summarized from the information in §60.486a:

i. Process unit identification

ii. For each month during the semiannual reporting period,

(a) Number of valves for which leaks were detected as described in §60.482-7a(b) or §60.483-2a,

(b) Number of valves for which leaks were not repaired as required in §60.482-7a(d)(1),

(c) Number of pumps for which leaks were detected as described in §60.482-2a(b), (d)(4)(ii)(A) or (B) or (d)(5)(iii),

(d) Number of pumps for which leaks were not repaired as required in §60.482-2a(c)(1) and (d)(6),

(e) Number of compressors for which leaks were detected as describes in §60.482-3a(f),

(f) Number of compressors for which leaks were not repaired as required in §60.482-3a(g)(1),

(g) Number of connectors for which leaks were detected as described in §60.482-11a(b),

(h) Number of connectors for which leaks were not repaired as required in §60.482-11a(d), and

(i) The facts that explain each delay of repair, and where appropriate, why a process unit shutdown was technically infeasible.

iii. Dates of process unit shutdowns which occurred within the semiannual reporting period

iv. Revision items reported according to paragraph (b) of this section if changes have occurred since the initial report or subsequent revisions to the initial report.

v. The permittee electing to comply with the provisions of §60.483-1a or 60.483-2a shall notify the Director (the appropriate Ohio EPA District Office or local agency) of the alternative standard selected 90 days before implementing with of the provisions.

vi. The permittee shall report the results of all performance tests in accordance with §60.8 of the General Provisions. The provisions of §60.8(d) do not apply to affected facilities subject to the provisions of this subpart except that the permittee must notify the Director (the appropriate Ohio EPA District Office or local agency) of the schedule for the initial performance tests at least 30 days before the initial performance tests.

vii. The requirements of paragraphs (a) through (c) of this section remain in force until and unless EPA, in delegating enforcement authority to a state under section 111(c) of the Clean Air Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such state. In that event, affected sources within the state will be relieved of the obligation to comply with the requirements of paragraphs (a) through (c) of this section, provided that they comply with the requirements established by the state.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.592a and PTI P0108488]

f) Testing Requirements

(1) Compliance with the emissions limitations and control measures in b)(1) of this permit shall be determined in accordance with the following methods:

a. Emissions Limitations:

10.0 lbs NO_X/hr

25.1 lbs CO/hr

Applicable Compliance Methods:

Compliance with the above NO_X limit shall be demonstrated by multiplying 300,000 gallons, the maximum hourly gasoline throughput for J001, by 0.0334 lb NO_X/1000 gallon of gasoline loaded.*

Compliance with the above CO limit shall be demonstrated by multiplying 300,000 gallons, the maximum hourly gasoline throughput for J001, by 0.0835 lb CO/1000 gallon of gasoline loaded.*

*The emission factors of 0.0334 lb NO_X/1000 gallons of gasoline and 0.0835 lb CO/1000 gallons of gasoline were provided by the manufacturer of the RANE portable equalizer/VBS unit.

If required, the permittee shall demonstrate compliance with the above NO_X and CO limits in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Methods 7 and 10, respectively.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

b. Emissions Limitations:

8.35 tons NO_X per rolling, 12-month period

20.9 tons CO per rolling, 12-month period

Applicable Compliance Methods:

Compliance with the above NO_X limit shall be demonstrated by multiplying 500,000,000 gallons, the maximum permitted gasoline throughput for J001 while the using a thermal oxidizer/VBS to control VOC emissions, by 0.0334 lb NO_X/1000 gallon of gasoline loaded* and dividing by 2000.

Compliance with the above CO limit shall be demonstrated by multiplying 500,000,000 gallons, the maximum permitted gasoline throughput for J001 while the using a thermal oxidizer/VBS to control VOC emissions, by 0.0835 lb CO/1000 gallon of gasoline loaded* and dividing by 2000.

*The emission factors of 0.0334 lb NO_X/1000 gallons of gasoline and 0.0835 lb CO/1000 gallons of gasoline were provided by the manufacturer of the RANE portable equalizer/VBS unit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

c. Emissions Limitation:

38.7 tons VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance with the above VOC limit shall be demonstrated based upon the monitoring and record keeping requirements in d) of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

d. Emission Limitation:

230 mg H_2S/dscm (0.10 gr H_2S/dscf)

Applicable Compliance Method:

Compliance with the above H_2S limit shall be demonstrated using the alternative monitoring strategy as described in g)(1) of this permit any time there is a change in the type or sulfur content of the product being transferred through this emissions unit while the thermal oxidizer/VBS is used to control emissions.

If the permittee has not demonstrated compliance with the above H_2S limit using the Alternative Monitoring Plan, compliance shall be demonstrated in accordance with the procedures specified in 40 CFR Part 60, Appendix A, Method 11.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.106(e)(1) and PTI P0108488]

e. Emissions Limitation:

10.0 mg OC/liter gasoline loaded (0.084 lb OC/1000 gallons gasoline loaded)

Applicable Compliance Method:

Compliance with the above OC limit shall be demonstrated based upon the monitoring and record keeping requirements in d) of this permit.

The permittee shall also demonstrate compliance with the above OC limit in accordance with the procedures specified in f)(2) of this permit and 40 CFR Part 60.503, or shall use the alternative test methods and procedures in §63.7(f), pursuant to §63.425(a)(1)(ii).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(a)(1) and PTI P0108488]

f. Emissions Limitation:

VOC emissions from terminal-wide fugitive equipment leaks shall not exceed 39.2 tons per year.

Applicable Compliance Method:

The potential terminal-wide fugitive emissions shall be calculated using the following methodology:

The potential terminal-wide fugitive emissions are based upon the sum of potential fugitive emissions from components in each emissions unit at the terminal. These components include all valves, pumps, pressure relief valves, connectors, open ended lines, and sampling connections in regulated service at the facility. Potential fugitive emissions are calculated using the terminal component count, component service type, and PTE fugitive emission factors. The potential fugitive emissions can be calculated by multiplying all the components in a given service type by the respective PTE fugitive emission factor as listed in the table below. The summation of emissions from all components in each service type is the terminal-wide potential fugitive emissions.

Component Type	Chemical State	PTE Emission Factor (lb/hr)
Use for MONITORED or UNMONITORED COMPONENTS [a]		
Compressor	GV	1.56
Connector	HL	0.000612
Connector	LL	0.000612
Pressure Relief Device (vented to atmosphere)	LL	0.00563
Pressure Relief Device (vented to atmosphere)	GV	0.392
Use for MONITORED COMPONENTS [a]		
Connector	GV	0.00023
Valve	GV	0.00318
Valve	LL	0.00299
Valve	HL	0.000563
Potential Open-Ended Line	GV	0.00098
Potential Open-Ended Line	LL	0.000922
Pump	HL	0.0426
Pump	LL	0.0647
Use for UNMONITORED COMPONENTS [a]		
Connector	GV	0.000612
Valve	GV	0.06565
Valve	LL	0.0267
Valve	HL	0.000563
Potential Open-Ended Line	GV	0.00563
Potential Open-Ended Line	LL	0.00563
Pump	HL	0.0514
Pump	LL	0.279

[a]The emission factor presented for "monitored components" in this table reference components at the Canton Terminal that will be included in the Canton Refinery's LDAR Plan and for which some form of periodic monitoring (i.e., quarterly, semiannual, annual, ect.) will be required by the LDAR Plan. "Unmonitored components" are those components that do not meet the definition of "monitored components."

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

g. Control Measure:

The vapor collection and liquid loading equipment shall be designed and operated to prevent the gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during loading.

Applicable Compliance Method:

The permittee shall demonstrate compliance by performing the test procedures in accordance with §60.503(b) and (d), including the specifications pursuant to §63.425(a)(1)(i):

Immediately before the performance test required to determine compliance with the above delivery tank gauge pressure limit, the permittee shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline cargo tank is being loaded. The permittee shall repair all leaks with readings of 500 ppm (as methane) or greater before conducting the performance test.

A pressure measurement device capable of measuring up to 500 mm of water gauge pressure with ±2.5 mm of water precision shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline cargo tank. During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position in gasoline service must be tested at least once during the performance test.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

h. Control Measure:

The permittee may utilize an R.A. Nichols portable equalizer/VBS, or equivalent, during planned VRU maintenance or emergency downtime as specified in b)(2)j. of this permit.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance by conducting a performance test for VOC emissions in accordance with the methods and procedures specified in f)(2) below.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

(2) Within twelve months of the expiration date of this Title V operating permit, the permittee shall conduct a performance test between the months of May through August on the primary carbon adsorber/VRU to determine continuing compliance with the allowable VOC emissions rate and reestablish the operating parameter value for this emissions unit in accordance with the test methods and procedures specified in §60.503.

a. The permittee shall use as reference methods and procedures the test methods in Appendix A of 40 CFR Part 60 or other methods and procedures as specified in §60.503(c), except as provided in §60.8(b). The three run requirement in §60.8(f) does not apply to this emissions unit.

b. Not later than 30 days prior to the proposed test date, the permittee shall submit an "Intent to Test" (ITT) notification to the Director (the appropriate Ohio EPA District Office or local air agency). The notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the name(s) of person(s) who will be conducting the test(s). Failure to submit such notification for review

and approval prior to the test may result in the Director's (the appropriate Ohio EPA District Office or local air agency) refusal to accept the results of the test.

c. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or performance of the control equipment.

d. A comprehensive written report on the results of the emissions test shall be signed by the person or persons responsible for the tests and submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following completion of the test.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(a) and PTI P0108488]

(3) For each performance test conducted, the permittee shall determine a monitored operating parameter value for the vapor processing system using the following procedure:

a. During the performance test, continuously record the applicable operating parameter(s) under §63.427(a);

b. Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations; and

c. Provide, for the Director's (the appropriate Ohio EPA District Office or local air agency) approval, the rationale for the selected operating parameter value, and monitoring frequency and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in §63.422(b).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(b) and PTI P0108488]

(4) For performance tests performed after the initial test, the permittee shall document the reasons for any change in the operating parameter value since the previous performance test.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(c) and PTI P0108488]

(5) The annual certification test for gasoline cargo tanks shall consist of 40 CFR Part, Appendix A, Method 27 and the testing procedures specified in §63.425(e)(1), including a pressure test of the cargo tank's internal vapor valve conducted in accordance with the test methods and procedures specified under §63.425(e)(2).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(e) and PTI P0108488]

(6) The leak detection test shall be performed using 40 CFR Part 60, Appendix A, Method 21 and the test procedures specified under §63.425(f)(1) and (2).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(f) and PTI P0108488]

(7) For those cargo tanks with manifolded product lines, the nitrogen pressure decay field test shall be conducted in accordance with the test methods and procedures specified under §63.425(g)(1) through (5).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(g) and PTI P0108488]

(8) The continuous performance pressure decay test shall be performed using 40 CFR Part 60, Appendix A, Method 27 and the test procedures specified under §63.425(h).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 63.425(h) and PTI P0108488]

g) Miscellaneous Requirements

(1) In a letter dated June 24, 2002, from Marathon Ashland Petroleum LLC, Ohio Refining Division, Canton Ohio (MPC) to Mr. Charles Hall, USEPA Region V, Chicago, Ill., MPC requested approval of an Alternative Monitoring Plan for Combusted VOC vapors in a Portable Combustor during gasoline transfer at MPC's Loading Rack (emissions unit J001). The plan was necessary in order to exempt MPC from conducting monitoring pursuant to 40 CFR Part 60.105 (Subpart J) since the off gas from this emissions unit is defined as a refinery fuel gas pursuant to 40 CFR Part 60.101. The alternative monitoring plan was included in this letter. On July 17, 2002, in a letter from Mr. George Czerniak, Chief, Air Enforcement and Compliance Assurance Branch, US EPA Region V, US EPA approved MPC's alternative monitoring plan. The alternative monitoring plan is as follows:

a. Representative air samples are to be collected at the inlet to the VBS or VRU;

b. Air samples shall be analyzed for hydrogen sulfide concentration. The samples are analyzed using a sensodyne air analyzer with a hydrogen sulfide detector tube;

c. Two weeks of sampling are conducted; and

d. Test results are submitted for approval.

The alternative monitoring plan includes conducting the monitoring in accordance with the Alternative Monitoring Plan for NSPS Subpart J Refinery Fuel Gas Document entitled "Conditions for Approval of an Alternative Monitoring Plan for Miscellaneous Refinery Fuel Streams", US EPA Sector Notebook, 1995.

[Authority for term: OAC rule 3745-77-07(C)(1) and PTI P0108488]

2. Emissions Unit Group -Tanks: T178, T179,

EU ID	Operations, Property and/or Equipment Description
T178	462,000 gallon, vertical, aboveground, liquid petroleum (denatured ethanol) storage tank with internal floating roof. Marathon Petroleum Company ID: Tank 274
T179	1,430,000 gallon, vertical, aboveground, liquid petroleum (denatured ethanol) storage tank with internal floating roof. Marathon Petroleum Company ID: Tank 283

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) PTI P0106701 issued 08/10/2010	0.38 ton VOC/yr for T178 2.15 tons VOC/yr for T179 See b)(2)a.
b.	OAC rule 3745-21-09(L)	The requirements of this rule are less stringent than those specified in 40 CFR Part 60, Subpart Kb.
c.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
d.	40 CFR Part 60, Subpart Kb (40 CFR 60.110b-117b) See b)(2)b.	[40 CFR 60.112b(a)(1)] See b)(2)c. and c)(1)
e.	40 CFR Part 63, Subpart R (40 CFR 63.420-429)	The requirements of this rule are less stringent than those specified in 40 CFR Part 60, Subpart Kb.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) for these emissions units shall include b)(2)c. and c)(2) below.

b. In accordance with 40 CFR 60.112b(a)(1) these emissions units are storage vessels, for which construction commenced after July 23, 1984, with a capacity greater than 151 m^3, containing a volatile organic liquid (VOL) that, as stored, has a maximum true vapor pressure greater than or equal to 5.2 kPa but less than 76.6 kPa.

c. The permittee shall comply with the applicable storage vessel standards required under 40 CFR Part 60, Subpart Kb, including the following sections:

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

ii. The internal floating roof shall be equipped with a mechanical shoe seal closure device between the wall of the storage vessel and the edge of the internal floating roof. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

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

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

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

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

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

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

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

c) Operational Restrictions

(1) These emissions units shall only be used to store petroleum liquids or ethanol with a maximum true vapor pressure less than 76.6 kPa.

[Authority for term: OAC rule 3745-77-07(A)(1), 40 CFR Part 60 Subpart Kb and PTI P0106701]

(2) The permittee shall employ a submerged fill line during tank loading operations.

[Authority for term: OAC rule 3745-77-07(A)(1), 3745-31-05(A)(3) and PTI P0106701]

(3) The annual throughput for emissions unit T178 shall not exceed 100,800,000 gallons.

[Authority for term: OAC rule 3745-77-07(A)(1), 3745-31-05(A)(3) and PTI P0106701]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall comply with the applicable monitoring and recordkeeping requirements under 40 CFR Part 60, Subpart Kb, including the following sections:

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

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.113b(a)(1) and P0109701]

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

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.113b(a)(2) and PTI P0106701]

c. The permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.113b(a)(4) and PTI P0106701]

d. The permittee shall keep a record of each inspection performed. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.115b(a)(2) and PTI P0106701]

e. The permittee shall keep copies of all records required by this section, except for the record required by §60.116b(b), for at least 2 years. The record required by §60.116b(b) will be kept for the life of the source.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.116b(a) and PTI P0106701]

f. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.116b(b) and PTI P0106701]

g. The permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.116b(c) and PTI P0106701]

h. The permittee may use available data on the storage temperature to determine the maximum true vapor pressure as specified below:

i. For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor

pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

ii. For crude oil or refined petroleum products the vapor pressure may be obtained by the following:

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

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

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.116b(e) and PTI P0106701]

(2) The permittee shall maintain records of the actual annual throughput, in gallons per year, for each emissions unit.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(A)(3) and PTI P0106701]

(3) The permittee shall calculate and maintain records of the annual VOC emissions from these emissions units. The actual annual throughput recorded for any calendar year shall be the basis for calculating the annual emissions of VOC using the emissions estimation methodologies provided in the current version of AP-42 or the most recent version of USEPA's TANKS computer program.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(A)(3) and PTI P0106701]

e) Reporting Requirements

(1) The permittee shall comply with the applicable reporting requirements under 40 CFR Part 60, Subpart Kb, including the following sections:

a. The permittee shall submit written notification at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by §60.113b(a)(1) and (4) to the Director (the appropriate Ohio EPA District Office or local air agency) to provide the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection 30 days in advance of refilling the tank, the permittee shall notify the appropriate Ohio EPA District Office or local air agency at least 7 days prior to

the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the appropriate Ohio EPA District Office or local air agency at least 7 days prior to the refilling.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.113b(a)(5) and PTI P0106701]

b. After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the permittee shall furnish the Director (the appropriate Ohio EPA District Office or local air agency) with a report that describes the control equipment and certifies that the control equipment meets the specifications of §60.112b(a)(1) and §60.113b(a)(1). This report shall be an attachment to the notification required by §60.7(a)(3).

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.115b(a)(1) and PTI P0106701]

c. If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection, a report shall be furnished to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

[Authority for term: OAC rule 3745-77-07(C)(1), 40 CFR 60.115b(a)(3) and PTI P0106701]

(2) The permittee shall submit annual reports that specify the VOC emissions from each emissions unit for the previous calendar year. These reports shall be submitted by January 31st of each year. Should either annual VOC emissions total exceed the corresponding limit specified in section b)(1), the permittee shall also submit the actual annual material throughput and calculations required by d)(2) and (3) of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(A)(3) and PTI P0106701]

f) Testing Requirements

(1) Compliance with the emissions limitations in b)(1) shall be determined in accordance with the following methods:

a. <u>Emissions Limitations:</u>

0.38 ton VOC/yr for T178

2.15 tons VOC/yr for T179

Applicable Compliance Methods:

Compliance shall be demonstrated by the monitoring and record keeping requirements of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1), 3745-31-05(A)(3) and PTI P0106701]

g) Miscellaneous Requirements

(1) None.