



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

4/18/2013

Certified Mail

RICHARD PAUL, III
SUPERIOR OIL COMPANY INC
1402 NORTH CAPITOL AVE
Suite 100
INDIANAPOLIS, IN 46202

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 1409030749
Permit Number: P0113332
Permit Type: OAC Chapter 3745-31 Modification
County: Butler

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, Journal News. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall Permit Review/Development Section Ohio EPA, DAPC 122 South Front Street Columbus, Ohio 43215	and	Southwest Ohio Air Quality Agency 250 William Howard Taft Rd. Cincinnati, OH 45219
--	-----	--

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777.

Sincerely,

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

Cc: U.S. EPA Region 5 Via E-Mail Notification
SWOQA; Indiana; Kentucky

PUBLIC NOTICE
4/18/2013 Issuance of Draft Air Pollution Permit-To-Install and Operate

SUPERIOR OIL COMPANY INC
320 NORTHPOINTE DRIVE,
Fairfield, OH 45019
Butler County

FACILITY DESC.: Other Chemical and Allied Products Merchant Wholesalers

PERMIT #: P0113332

PERMIT TYPE: OAC Chapter 3745-31 Modification

PERMIT DESC: Chapter 31 modification to allow for increased potential to emit OC emissions due to change in operation of the container filling station (P002). Facility also requesting Synthetic Minor emissions restriction on VOC emissions.

The Director of the Ohio Environmental Protection Agency issued the draft permit above. The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitonline.aspx> by entering the permit # or: Paul Tedtman, Southwest Ohio Air Quality Agency, 250 William Howard Taft Rd., Cincinnati, OH 45219. Ph: (513)946-7777



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description:

Superior Oil Company operates a facility in Fairfield, Ohio which blends and distributes custom solvents. The facility operates blend tanks, storage tanks, and container filling operations.

This permit (P0113332) is a Chapter 31 modification for emissions unit P002 (Container Filling Station for Liquids). The facility began operating P002 in a different fashion, sometimes transferring liquids from cargo tanks directly into totes, drums, and pails. Operating in this fashion increased the potential to emit from this emissions unit triggering a Chapter 31 modification. This permitting action was initiated, in part, because the daily emissions limit of 40 pounds per day of OC emissions was exceeded for one day for this emissions unit. With this permitting action, the facility is also requesting facility-wide Synthetic Minor emissions restrictions on volatile organic compound (VOC) emissions. FEPTIO P0113332 will supersede PTIO P0096850, issued 6/20/2011.

3. Facility Emissions and Attainment Status:

Superior Oil Company is located in Butler County, Ohio, which is currently non-attainment for ozone and attainment for all other criteria pollutants. Superior Oil Company is a Synthetic Minor facility for hazardous air pollutant (HAP) emissions based on its unrestricted potential to emit HAPs being greater than 10 TPY for any single HAP and 25 TPY for any combination of HAPs. With this permitting action (P0113332), the facility has additionally requested Synthetic Minor emissions restrictions for volatile organic compound (VOC) emissions based on its unrestricted potential to emit VOC emissions being greater than 100 TPY. The facility has accepted facility-wide emissions restrictions to keep emissions below Title V thresholds in order to avoid Title V applicability.

The facility-wide potential to emit VOC emissions was evaluated during this permit evaluation and found to be greater than 100 TPY based on recently installed new emissions units and the modification to emissions unit P002.

4. Source Emissions:

Emissions unit P002 emits organic compound (OC) emissions, including those that are VOC emissions. Emissions unit P002 has the potential to emit 25.3 TPY of OC. This permit limits the emissions from P002 to 25.3 TPY of OC based upon a rolling, 12-month period. Being a Chapter 31 modification, best available technology (BAT) was reevaluated for this permitting action. The emissions unit has the potential to emit greater than 10 TPY of OC emissions; therefore, the 12/10/2009 BAT guidance was followed to establish BAT for this emissions unit.



5. Conclusion:

The facility will retain Synthetic Minor designation. The facility will retain Synthetic Minor HAP emissions restrictions. The facility is requesting a Synthetic Minor VOC emissions restriction.

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	99.9
Single HAP	9.9
Combined HAPs	25.9



DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for
SUPERIOR OIL COMPANY INC**

Facility ID:	1409030749
Permit Number:	P0113332
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	4/18/2013
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



**Division of Air Pollution Control
Permit-to-Install and Operate
for
SUPERIOR OIL COMPANY INC**

Table of Contents

Authorization	1
A. Standard Terms and Conditions	3
1. What does this permit-to-install and operate ("PTIO") allow me to do?.....	4
2. Who is responsible for complying with this permit?	4
3. What records must I keep under this permit?	4
4. What are my permit fees and when do I pay them?.....	4
5. When does my PTIO expire, and when do I need to submit my renewal application?	4
6. What happens to this permit if my project is delayed or I do not install or modify my source?	5
7. What reports must I submit under this permit?	5
8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?	5
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ...	5
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?	6
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?	6
12. What happens if one or more emissions units operated under this permit is/are shut down permanently?	6
13. Can I transfer this permit to a new owner or operator?.....	7
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?	7
15. What happens if a portion of this permit is determined to be invalid?	7
B. Facility-Wide Terms and Conditions.....	8
C. Emissions Unit Terms and Conditions	11
1. P002, Drum Filling Station.....	12



Draft Permit-to-Install and Operate

SUPERIOR OIL COMPANY INC

Permit Number: P0113332

Facility ID: 1409030749

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 1409030749
Application Number(s): A0046952
Permit Number: P0113332
Permit Description: Chapter 31 modification to allow for increased potential to emit OC emissions due to change in operation of the container filling station (P002). Facility also requesting Synthetic Minor emissions restriction on VOC emissions.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$2,000.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 4/18/2013
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

SUPERIOR OIL COMPANY INC
320 NORTHPOINTE DRIVE
Fairfield, OH 45019

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency
250 William Howard Taft Rd.
Cincinnati, OH 45219
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director



Draft Permit-to-Install and Operate

SUPERIOR OIL COMPANY INC

Permit Number: P0113332

Facility ID: 1409030749

Effective Date: To be entered upon final issuance

Authorization (continued)

Permit Number: P0113332

Permit Description: Chapter 31 modification to allow for increased potential to emit OC emissions due to change in operation of the container filling station (P002). Facility also requesting Synthetic Minor emissions restriction on VOC emissions.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	P002
Company Equipment ID:	Drum Filling Station
Superseded Permit Number:	P0096850
General Permit Category and Type:	Not Applicable



Draft Permit-to-Install and Operate
SUPERIOR OIL COMPANY INC
Permit Number: P0113332
Facility ID: 1409030749
Effective Date: To be entered upon final issuance

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Southwest Ohio Air Quality Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit 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.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).



13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Draft Permit-to-Install and Operate
SUPERIOR OIL COMPANY INC
Permit Number: P0113332
Facility ID: 1409030749
Effective Date: To be entered upon final issuance

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) 2., 3., 4., and 5.

2. The total allowable emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units P001 (Bulk Solvent Loading Rack), P002 (Container Filling Station for Liquids), P004 (Drum Filling Station with Submerged Fill), P005 (Blower Fan for Cleaning Tanker Trucks), P006 (1500 Gallon Solvent Blend Tank), P007 (1500 Gallon Blend Tank), P009 (6,000 Gallon Blend Tank), T001 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T002 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T003 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T004 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T005 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T006 (30,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T007 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T008 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T009 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T010 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T011 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T012 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T014 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T015 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T016 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T017 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T018 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T019 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T020 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), T021 (10,000 Gallon Fixed Roof Storage Tank with Submerged Fill), all de minimis emissions units (as defined in OAC rule 3745-15-05), all emissions units exempt from the requirement to obtain a permit to install pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 9.9 tons per year (TPY) for any single HAP, as a rolling, 12-month summation, 24.9 TPY for any combination of HAPs, as a rolling, 12-month summation, and 99.9 TPY of VOC, as a rolling, 12-month summation.

The permittee has existing records to demonstrate compliance with these emission limitations upon permit issuance.

3. The permittee shall collect and record the following information for each month for the emissions units identified in 2. above:
 - a) The name and identification number of each liquid material transferred.
 - b) The individual hazardous air pollutant (HAP)* content for each HAP of each liquid material in gallon of individual HAP per gallon of material.



- c) The total combined HAP content of each liquid material in gallon of combined HAPs per gallon of material [sum all the individual HAP contents from b)].
- d) The VOC content of each liquid material in pounds of VOC per gallon of material.
- e) The number of gallons transferred of each liquid material.
- f) The total individual HAP emissions for each HAP from all liquid materials in pounds or tons per month [b) x e)] x loading loss emission factor from AP-42, or by calculating emissions as specified for each individual emissions unit].
- g) The total combined HAP emissions from all liquid materials, in pounds or tons per month [sum of all individual HAP emissions in f)].
- h) The total VOC emissions from all liquid materials in pounds or tons per month [by calculating emissions as specified for each individual emissions unit].
- i) The updated rolling, 12-month summation of individual HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.
- j) The updated rolling, 12-month summation of total combined HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.
- k) The updated rolling, 12-month summation of VOC emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

*A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on an individual emissions unit basis.

4. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the HAP or VOC emission limitations outlined in 2. If no exceedances occurred, the permittee shall state so in the report. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarter (October through December, January through March, April through June, and July through September, respectively).

5. Emission Limitations:

9.9 TPY for any single HAP and 24.9 TPY for combined HAPs, based on a rolling, 12-month summation for the emissions units listed in 2.

99.9 TPY of VOC, based on a rolling, 12-month summation for the emissions units listed in 2.

Applicable Compliance Method:

Compliance with the HAP and VOC emission limitations shall be demonstrated by the record keeping requirements specified in 3.



Draft Permit-to-Install and Operate
SUPERIOR OIL COMPANY INC
Permit Number: P0113332
Facility ID: 1409030749
Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. P002, Drum Filling Station

Operations, Property and/or Equipment Description:

Container Filling Station for Liquids

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b.

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.	ORC 3704.03(T)	Organic compound (OC) emissions shall not exceed 25.3 tons per rolling, 12-month period.
b.	OAC rule 3745-31-05(D) <i>Synthetic Minor to Avoid Title V Applicability</i>	See Section B.2.

(2) Additional Terms and Conditions

a. Compliance with ORC 3704.03(T) shall be demonstrated by compliance with the emission limitation.

c) Operational Restrictions

(1) None.



d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records which include the following information:
 - a. The company identification of each material employed in this emissions unit;
 - b. The throughput, in gallons, of each material employed in this emissions unit;
 - c. The molecular weight of each material employed in this emissions unit;
 - d. The vapor pressure, in psia, of each material employed in this emissions unit;
 - e. The total pounds of OC emitted per month; and
 - f. The updated rolling, 12-month summation of OC emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. HAP emission limitations outlined in Section B.2.; and
 - ii. VOC emission limitation outlined in Section B.2.
 - b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services by the due date identified in the Authorization section of this permit.



The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

- (3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

Organic compound (OC) emissions shall not exceed 25.3 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month summation OC emissions limitation shall be determined by the record keeping requirements specified in d)(1).

The OC emissions for emissions unit P002 shall be determined based on the following equation from AP-42 Chapter 5.2 Transportation and Marketing of Petroleum Liquids (6/2008) for Loading Loss emissions and the permittee-supplied information in the application for PTIO P0113332 as submitted on March 5, 2013:

$$L = 12.46 (S \cdot P \cdot M / T)$$

Where:

L = loading loss, pounds per 1000 gallons (lb/10³ gal) of liquid loaded

S = a saturation factor (see AP-42 Table 5.2-1)

P = true vapor pressure of liquid loaded, pounds per square inch absolute (psia) (see Section 7.1, "Organic Liquid Storage Tanks")

M = molecular weight of vapors, pounds per pound-mole (lb/lb-mole) (see Section 7.1, "Organic Liquid Storage Tanks")

T = temperature of bulk liquid loaded, °R (°F + 460)

g) Miscellaneous Requirements

- (1) None.