



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

8/29/2016

Certified Mail

Una Alexandrovic
 ORBIT INDUSTRIES, INC.
 6840 LAKE ABRAM DRIVE
 MIDDLEBURG HTS, OH 44130

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

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

Facility ID: 1318348304
 Permit Number: P0120418
 Permit Type: Renewal
 County: Cuyahoga

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, The Plain Dealer. 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 and Cleveland Division of Air Quality
 Permit Review/Development Section 2nd Floor
 Ohio EPA, DAPC 75 Erieview Plaza
 50 West Town Street Suite 700 Cleveland, OH 44114
 PO Box 1049
 Columbus, Ohio 43216-1049

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 Cleveland Division of Air Quality at (216)664-2297.

Sincerely,

Michael E. Hopkins, P.E.
 Assistant Chief, Permitting Section, DAPC

Cc: U.S. EPA Region 5 Via E-Mail Notification
 CDAQ; Pennsylvania; Canada

Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination (renewal FEPTIO to avoid Title V)

Netting Determination

2. Source Description:

Orbit Industries, Inc. (Orbit) is a non-destructive testing laboratory that uses a vapor degreaser with trichloroethylene to clean metal parts, mostly for the aviation industry. This vapor degreaser is used after coating the metal parts in a fluorescent liquid and inspecting under fluorescent light for imperfections and defects.

3. Facility Emissions and Attainment Status:

This facility has the potential to emit (PTE) VOC and Trichloroethylene (Hazardous Air Pollutant – HAP) emissions in excess of 100 tpy.

Cuyahoga County is currently designated non-attainment for ozone and PM_{2.5}, and partial non-attainment for Lead.

4. Source Emissions:

Orbit Industries has the potential to emit VOC and HAP (trichloroethylene) emissions above major source thresholds. However, the facility has requested synthetic minor limits in order to avoid Title V permitting. The facility has requested an annual trichloroethylene usage restriction of 1,640 gallons per year. The requested throughput restriction reduces VOC/HAP emissions to 9.98 tpy.

5. Conclusion:

By limiting trichloroethylene throughput to 1,640 gallons per year, the facility is able to avoid major source thresholds.

6. Please provide additional notes or comments as necessary:

According to facility emissions reports, the facility averages around 2.12 tons VOC/year.

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

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC/HAP	9.98

PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at: <http://epa.ohio.gov/actions.aspx> or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-2129 email: HClerk@epa.ohio.gov

Draft Air Pollution Permit-to-Install and Operate Renewal
ORBIT INDUSTRIES, INC.

6840 LAKE ABRAM DRIVE,, Cleveland, OH 44130

ID#:P0120418

Date of Action: 8/29/2016

Permit Desc:FEPTIO renewal permit for an trichloroethylene (TCE) open top vapor degreaser for use of cleaning metal parts at a non-destructive testing laboratory. Production restriction (TCE usage) to avoid Title V..

The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitsonline.aspx> by entering the ID # or: David Hearne, Cleveland Division of Air Quality, 2nd Floor 75 Erieview Plaza, Cleveland, OH 44114. Ph: (216)664-2297



DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for
ORBIT INDUSTRIES, INC.**

Facility ID:	1318348304
Permit Number:	P0120418
Permit Type:	Renewal
Issued:	8/29/2016
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
ORBIT INDUSTRIES, INC.**

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Draft Permit-to-Install and Operate

ORBIT INDUSTRIES, INC.

Permit Number: P0120418

Facility ID: 1318348304

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 1318348304
Application Number(s): A0055414
Permit Number: P0120418
Permit Description: FEPTIO renewal permit for an trichloroethylene (TCE) open top vapor degreaser for use of cleaning metal parts at a non-destructive testing laboratory. Production restriction (TCE usage) to avoid Title V.
Permit Type: Renewal
Permit Fee: \$0.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 8/29/2016
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:

ORBIT INDUSTRIES, INC.
6840 LAKE ABRAM DRIVE
Cleveland, OH 44130

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:

Cleveland Division of Air Quality
2nd Floor
75 Erieview Plaza
Cleveland, OH 44114
(216)664-2297

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

Craig W. Butler
Director



Draft Permit-to-Install and Operate

ORBIT INDUSTRIES, INC.

Permit Number: P0120418

Facility ID: 1318348304

Effective Date: To be entered upon final issuance

Authorization (continued)

Permit Number: P0120418

Permit Description: FEPTIO renewal permit for an trichloroethylene (TCE) open top vapor degreaser for use of cleaning metal parts at a non-destructive testing laboratory. Production restriction (TCE usage) to avoid Title V.

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

Emissions Unit ID:	L001
Company Equipment ID:	VAPOR DEGREASER
Superseded Permit Number:	P0095605
General Permit Category and Type:	Not Applicable



Draft Permit-to-Install and Operate
ORBIT INDUSTRIES, INC.
Permit Number: P0120418
Facility ID: 1318348304
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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 of this permit 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 Cleveland Division of Air Quality 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 submitting 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 emission 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.

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
ORBIT INDUSTRIES, INC.
Permit Number: P0120418
Facility ID: 1318348304
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) None.
2. The Ohio EPA has determined that this facility is subject to the requirements of 40 CFR Part 63 Subpart T, the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Halogenated Solvent Cleaning. The requirements of this rule, that are applicable to the area source(s) (for hazardous air pollutants) identified in this permit, shall be enforceable by U.S. EPA. Region 5. The complete requirements of this rule (including the Part 63 General Provisions) may be accessed via the Internet from the Electronic code of Federal Regulations (e-CFR) website <http://www.ecfr.gov/> or by contacting the appropriate Ohio EPA District Office or Local Air Agency.



Draft Permit-to-Install and Operate
ORBIT INDUSTRIES, INC.
Permit Number: P0120418
Facility ID: 1318348304
Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. L001, Vapor Degreaser

Operations, Property and/or Equipment Description:

Trichloroethylene Open Top Vapor Degreaser

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. 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)	8.68 lbs per hour and 9.98 tons per year (TPY) of volatile organic compounds (VOCs) as Trichloroethylene (TCE).
b.	OAC Rule 3745-21-09(O)(3)	In accordance with OAC rule 3745-21-09(O)(6)(b), the requirements of OAC Rule 3745-21-09(O)(3) shall not apply to this emissions unit.
c.	OAC Rule 3745-31-05(D) Synthetic minor to avoid Title V	Volatile Organic Compound (VOC)/Hazardous Air Pollutant (HAP) emissions shall not exceed 9.98 tons per rolling 12-month period. See b)(2)a. and b)(2)b. below.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	40 CFR, Part 63, Subpart T	The emissions unit shall comply with all the applicable sections of 40 CFR Part 63, Subpart T. See b)(2)c below.
e.	40 CFR Part 63, Subpart A	Appendix B to Subpart T of Part 63 – General Provisions of Applicability to Subpart T lists which parts of the General Provisions in 40 CFR 63.1-15 apply.

(2) Additional Terms and Conditions

- a. The permittee shall ensure that the annual trichloroethylene (TCE) usage does not exceed 1,640 gallons per year, based on a rolling 12-month summation of the TCE usage rates.
- b. The TCE emissions are restricted to 9.98 tons per year, based on a rolling, 12-month summation.
- c. The permittee shall follow the additional terms and conditions requirements for this emissions unit, as specified in the requirements of 40 CFR 63, Subpart T, including the following sections:

	Applicable Rule	Requirement
a.	63.463(A)(1)(i)	An idling and downtime mode cover, as described in 63.463(d)(1)(i), that may be readily opened or closed, that completely covers the cleaning machine openings when in place, and is free of cracks, holes, and other defects.

c) Operational Restrictions

- (1) The maximum annual trichloroethylene (12.17 lbs TCE per gallon or less) usage shall not exceed 1,640-gallons based upon a rolling, 12-month summation of the TCE usage rates.

- (2) The permittee shall comply with the applicable restrictions required under 40 CFR Part 63, Subpart T, including the following sections:

	Applicable Rule	Requirement
a.	40 CFR 63.465(b)	On the first operating day of every month ensure that the solvent cleaning machine contains only clean liquid solvent.

d) Monitoring and/or Recordkeeping Requirements

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

a. The rolling 12-month summation of TCE usage.

- (2) The permittee shall comply with the applicable monitoring and record keeping requirements under 40 CFR Part 63, Subpart T, including the following sections:

	Applicable Rule	Requirement
a.	40 CFR 63.464(a)(1)(i)	Maintain a log of solvent additions and deletions.
b..	40 CFR 63.467(c)(1) through (3)	Maintain records of dates and amounts of solvent added; solvent composition of wastes removed from cleaning machines; calculation sheets showing how monthly emissions and the rolling 3-month average emissions from the solvent cleaning machine were determined, and the results of all calculations.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center; Air Services online web portal.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Cleveland Division of Air Quality (Cleveland DAQ) 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) The permittee shall submit reports and such other notifications to the Cleveland DAQ as are required pursuant to 40 CFR Part 63, Subpart T, per the following sections:

	Applicable Rule	Requirement
a.	40 CFR 63.468(b)	A brief description of each solvent cleaning machine, machine type, solvent/air interface area, and controls; anticipated compliance approach; General Provisions.
b.	40 CFR 63.468(e)(1) through (4)	Initial statement of compliance, including name and address of the solvent cleaning machine owner or operator; address of the solvent cleaning machine; solvent/air interface area; results of the first 3-month average emissions calculation.
c.	40 CFR 63.468(g)(1) through (3)	Annual solvent emission report that contains size and type of each unit subject to this subpart (solvent/air interface area or cleaning capacity); average monthly solvent consumption in kilograms per month; 3-month rolling average solvent emissions.
d.	40 CFR 63.468(h)	Exceedance report semiannually, or quarterly if an exceedance occurs.

(4) The permittee shall notify CDAQ in writing for the identification of each exceedance specified below. This notification shall include a copy of such record and shall be sent to CDAQ within 45 days after the exceedance occurs.

- a. TCE emissions exceeding 8.68 lbs/hr (on an average monthly basis); or
- b. TCE emissions exceeding 9.98 tons/year.

f) Testing Requirements

(1) Compliance with the emissions limitation in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emissions Limitation:
9.98 tons/year of volatile organic compounds (VOCs)



Applicable Compliance Method:

Compliance shall be determined using the following calculation:

$$(n \text{ gallons/year})(12.17 \text{ lbs VOC/gal})(1 \text{ ton}/2000 \text{ lbs}) = \text{TPY of VOC}$$

Where:

n = (actual gallons of solvent used in emissions unit) – (amount of recovered waste)

12.17 lbs VOC/gallon = the maximum VOC content of solvent used.

- b. Emission Limitation:
8.68 lbs/VOC per hour

Applicable Compliance Method:

Compliance shall be based on the following information:

$$(n \text{ gallons/month})(12.17 \text{ lbs VOC/gallon})(1 \text{ month}/x \text{ hours}) = \text{lbs/VOC/hour}$$

Where:

x = actual number of hours this emissions unit operated per month.

- (2) The testing requirements for this emissions unit are specified in the requirements of 40 CFR Part 63, Subpart T, including the following sections:

	Applicable Rule	Requirement
a.	40 CFR 63.465(c)(1)	<p>Determine solvent emissions (E_i) using equation (2), $(E_i = \frac{SA_i - LSR_i - SSR_i}{AREA_i})$, from the records of all solvent additions and deletions for the previous monthly reporting period.</p> <p>Where:</p> <p>E_i = the total halogenated HAP solvent emissions</p> <p>SA_i = the total amount of halogenated HAP liquid solvent added</p> <p>LSR_i = the total amount of halogenated HAP liquid solvent removed</p> <p>SSR_i = the total amount of halogenated HAP solvent removed in solid waste</p> <p>$AREA_i$ = the solvent/air interface area</p>

	Applicable Rule	Requirement
b.	40 CFR 63.465(c)(2)	Determine total amount of halogenated HAP solvent removed from the solvent cleaning machine in solid waste using: tests conducted using EPA reference method 25d; or by engineering calculations.
c.	40 CFR 63.465(c)(3)	<p>Determine monthly rolling average, for the 3-month period using equation (4).</p> $EA_i = \frac{\sum_{j=1}^3 E_i}{3}$ <p>Where:</p> <p>EA_i = the average halogenated HAP solvent emissions over the preceding 3 monthly reporting periods</p> <p>E_i = halogenated HAP solvent emissions for each month (j) for the most recent 3 monthly reporting periods</p> <p>j = the most recent monthly reporting period (j = 1)</p>

g) Miscellaneous Requirements

- (1) This emissions unit was installed 11/9/2004.
- (2) Superseded permits include P0095605, issued 3/9/2011, and 13-04251, issued 10/7/2004.