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

Certified Mail

2/28/2012

Cathleen Carter
STADCO AUTOMATICS
632 YELLOW SPRINGS-FAIRFIELD RD
FAIRBORN, OH 45324

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

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0829060007
Permit Number: P0108754
Permit Type: Renewal
County: Greene

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to “Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General’s Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Regional Air Pollution Control Agency at (937)225-4435 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern

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

Cc: RAPCA

Ohio | Environmental Protection Agency

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
STADCO AUTOMATICS

Facility ID:	0829060007
Permit Number:	P0108754
Permit Type:	Renewal
Issued:	2/28/2012
Effective:	2/28/2012
Expiration:	2/28/2022

Ohio Environmental Protection Agency

Division of Air Pollution Control
Permit-to-Install and Operate
for
STADCO AUTOMATICS

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Authorization

Facility ID: 0829060007
Application Number(s): A0042766
Permit Number: P0108754
Permit Description: PTIO renewal for a trichloroethylene open top vapr degreaser
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 2/28/2012
Effective Date: 2/28/2012
Expiration Date: 2/28/2022
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

STADCO AUTOMATICS
632 FAIRFIELD-YELLOW SPRINGS RD.
FAIRBORN, OH 45324

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

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

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280
(937)225-4435

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

Authorization (continued)

Permit Number: P0108754
Permit Description: PTIO renewal for a trichloroethylene open top vapr degreaser

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

Emissions Unit ID:	**L003**
Company Equipment ID:	vapor degreaser
Superseded Permit Number:	08-3944
General Permit Category and Type:	Not Applicable

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 Regional Air Pollution Control 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 submitting[1] 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.

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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.

C. Emissions Unit Terms and Conditions

1. L003, vapor degreaser

Operations, Property and/or Equipment Description:

Trichloroethylene open top vapor degreaser with freeboard refrigeration device and freeboard ratio greater than 1.0

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) PTI 08-3944 issued March 17, 1999	The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 0.25 ton per month and 3.03 tons per year (TPY). The requirements of this rule also include compliance with the requirements of 40 CFR, Part 63, Subpart T and OAC rule 3745-21-09(O)(3).
b.	OAC rule 3745-21-09(O)(3)	See (b)(2)b., c)(3), c)(4), and d)(5).
c.	40 CFR Part 63, Subpart T	See b)(2)a., c)(1), through c)(4) d)(1), through d)(4), e)(1) and e)(2).

(2) Additional Terms and Conditions

a. The batch vapor cleaning machine, having a solvent/air interface area of 1.21 square meters (13 square feet) or less, shall employ one of the control

combinations listed in Table 1 of Subpart T [40 CFR 63.463(b)]. The permittee has implemented the following combination of control measures:

i. a chilled air blanket temperature (in degrees Fahrenheit), measured at the center of the air blanket, that is no greater than 30 percent of the solvent's boiling point and;

ii. maintenance of a freeboard with a freeboard ratio equal to 1.0 or greater.

b. The open top vapor degreaser shall employ a cover and safety switches as described below:

i. a cover that can be opened and closed easily without disturbing the vapor zone;

ii. a condenser flow switch and thermostat or any other device which shuts off the sump heat if the condenser coolant is either not circulating or too warm;

iii. a vapor level control thermostat or any other device which shuts off the sump heat when the vapor level rises too high;

iv. a water flow switch, water pressure switch, or any other device which shuts off the sump heat if the water in a water-cooled condenser has no flow or no pressure, whichever is being monitored; and

v. if the open top vapor degreaser opening is greater than 10 square feet, the cover must be powered or equipped with mechanical features whereby it can be readily closed when the degreaser is not in use.

c) Operational Restrictions

(1) The permittee shall ensure that the solvent cleaning machine conforms to the following design requirements as identified in 40 CFR 63.463(a):

a. The permittee shall control air disturbances across the solvent cleaning machine by using an idling and downtime mode cover, that shall be in place during the idling and downtime modes, unless:

i. the solvent has been removed;

ii. solvent is being added or removed; or

iii. maintenance, monitoring, and/or solvent level measurements is/are being performed that requires the cover to be removed.

The cover shall be able to be readily opened or closed, shall completely cover the cleaning machine openings when in place, and shall be free of cracks, holes and other defects;

b. the solvent cleaning machine shall have a freeboard ratio of 1.0 or greater;

c. the solvent cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts;

d. the solvent cleaning machine shall be equipped with a device that shuts off the sump heat if the sump liquid solvent level drops to the sump heater coils;

e. the solvent cleaning machine shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser; and

f. the solvent cleaning machine shall have a primary condenser.

(2) The permittee shall meet all of the following required work and operational practices identified in 40 CFR Part 63.463(d):

a. control air disturbances across the solvent cleaning machine opening(s) by incorporating the following control equipment or techniques:

i. cover(s) for the solvent cleaning machine shall be in place during the idling mode and during the downtime mode unless either the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) to not be in place;

b. parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes must be tipped or rotated before being removed from the solvent cleaning machine unless an equally effective approach has been approved by the Director (appropriate Ohio EPA District Office or local air agency);

c. parts baskets or parts shall not be removed from the solvent cleaning machine until dripping has stopped;

d. during startup of the solvent cleaning machine, the primary condensers shall be turned on before the sump heater;

e. during shutdown of the solvent cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off;

f. when solvent is added or drained from the solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface;

g. the solvent cleaning machine and its associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the satisfaction of the Director (appropriate Ohio EPA District Office or local air agency) to achieve the same or better results as those recommended by the manufacturer;

h. the permittee shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in 40 CFR Part 63, Appendix B if requested during an inspection by the Director (appropriate Ohio EPA District Office or local air agency);

i. waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but must not allow liquid solvent to drain from the container; and

j. sponges, fabric, wood, and paper products shall not be cleaned.

(3) The permittee shall operate and maintain a refrigerated chiller for the open top vapor degreaser.

(4) The open top vapor degreaser shall be operated and maintained in accordance with the following practices to minimize solvent evaporation from the unit:

a. Keep the cover closed at all times except when processing work loads through the degreaser.

b. Minimize solvent carry-out by:

i. racking parts so that solvent drains freely and is not trapped;

ii. moving parts in and out of the degreaser at less than 11 feet per minute;

iii. holding the parts in the vapor zone at least 30 seconds or until condensation ceases, whichever is longer;

iv. tipping out any pools of solvent on the cleaned parts before removal from the vapor zone; and

v. allowing parts to dry within the degreaser for at least 15 seconds or until visually dry, whichever is longer.

c. Clean only materials that are neither porous nor absorbent.

d. Occupy no more than one-half of the degreaser's open-top area with a workload.

e. Repair solvent leaks immediately, or shut down the degreaser.

f. Store waste solvent only in covered containers.

g. Operate the cleaner such that water cannot be visually detected in solvent exiting the water separator.

h. Use no ventilation fans near the degreaser opening.

i. When the cover is open, do not expose the open top vapor degreaser to drafts greater than 131 feet per minute, as measured between 3 and 6 feet upwind and at the same elevation as the tank lip.

j. Provide a permanent, conspicuous label, summarizing the operating procedures.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall conduct monitoring and record the results on a weekly basis for the freeboard refrigeration device by using a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode.

(2) The permittee shall conduct a monthly visual inspection of the idling-mode/downtime cover(s) and shall maintain a record of the results. The records shall document that the cover is opening and closing properly, that it completely covers the cleaning machine openings when closed, and is free of cracks, holes and other defects.

(3) The permittee shall maintain the following records in written or electronic form for the lifetime of the solvent cleaning machine:

a. owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment;

b. the date of installation for the solvent cleaning machine and all of its control devices (If the exact date for the installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.); and

c. records of the halogenated HAP solvent content for the solvent used in the solvent cleaning machine.

(4) The permittee shall maintain the following records in written or electronic form for a period of five years for the solvent cleaning machine:

a. the results of control device monitoring required in this section of the permit;

b. information on the actions taken to comply with 40 CFR 63.463 (e) including records of written or verbal orders for replacement parts, a description of the repair made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels; and

c. estimates of annual trichloroethylene consumption for the solvent cleaning machine.

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

a. the types of solvents employed in the open top vapor degreaser;

b. the volume, in gallons, of solvent employed;

c. the volume, in gallons, of solvent disposed as waste; and

d. all control equipment maintenance.

e) Reporting Requirements

(1) The permittee shall submit an annual report by February 1 of each year for the preceding year. Each annual report shall contain the following:

a. A signed statement from the facility owner or their designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required pursuant to 40 CFR 63.463(d)(10)."; and

b. an estimate of solvent consumption during the reporting period.

(2) The permittee shall submit an exceedance report on a semiannual basis.

If the cover did not completely cover the cleaning machine openings when in place whenever parts were not in the solvent cleaning machine and/or if the cover had cracks, holes or other defects and no correction was made within 15 days of detection; or

if the temperature of the chilled air blanket, measured at the center of the air blanket, was greater than 30% of the solvent's boiling point, and no correction was made within 15 days of detection;

thepermittee shall begin to submit a quarterly report until such time that the permittee requests and receives approval of a less frequent reporting frequency from the Director (appropriate District Office or local air agency). The permittee may receive approval of less frequent reporting if the following conditions are met: (1) The emissions unit has demonstrated a full year of compliance without an exceedance, (2) the permittee continues to comply with all relevant recordkeeping and monitoring requirements specified in 40 CFR 63.1, General Provisions, and (3) the Director (appropriate District Office or local air agency) does not object to a reduced frequency of reporting for the affected emissions unit as provided in paragraph (e)(3)(iii) of subpart A, 40 CFR 63.1, General Provisions. Each exceedance report shall be delivered or post marked by the 30th day following the reporting period. Each exceedance report shall contain the following:

a. the reason and a description of the exceedance and action(s) taken to comply with 40 CFR 63.463(e) including written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels; and

b. if no exceedance has occurred, a statement to that effect shall be submitted.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency 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. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business Center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

f) Testing Requirements

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

a. The permittee shall determine the facility's potential to emit (PTE) from all solvent cleaning operations. A facility's total PTE is the sum of the HAP emissions from all solvent cleaning operations plus all HAP emissions from other emissions units from within the facility. The potential to emit for each emissions unit shall be determined in accordance with the following procedures:

i. determine the potential to emit for each individual solvent cleaning machine using the following equation:

$PTE_i = H_i \times W_i \text{ Xx } SAI_i$

where:

PTE_i = the potential to emit for the solvent cleaning machine i (kilograms solvent per year)

TPY limit = PTE_ix 0.0011023

H_i = hours of operation for solvent cleaning machine i (hours per year)

H_i= 8,760 hours per year, unless otherwise restricted by a federally enforceable requirement

W_i = the working mode uncontrolled emission rate (kilograms per square meter per hour)

W_i= 1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines

SAI_i= solvent/air interface area of solvent cleaning machine i (square meters).

b. Emissions Limitation:

The VOC emissions from this emissions unit shall not exceed 0.25 ton per month.

Applicable Compliance Method:

To determine the actual VOC emission rate, the following equation shall be used:

E = (Ls - Lw) * D/(2000 pounds/ton)

Where:

E = VOC emission rate (ton/month);

Ls = liquid volume of trichloroethylene solvent employed each month (gallons);

Lw = liquid volume of trichloroethylene solvent sent off-site as waste each month (gallons); and

D = density of trichloroethylene solvent (pounds/gallon)..

c. Emissions Limitation:

The VOC emissions from this emissions unit shall not exceed 3.03 tons per year.

Applicable Compliance Method:

Compliance shall be the sum of the monthly VOC emission rates for the calendar year

g) Miscellaneous Requirements

(1) None.