

1

Facility Name

Application Number: **ENTER PTI NUMBER HERE**

Date:

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code

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(OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC Rule 3745-49-03.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C) (4) (b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies.

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<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Facility Name** located in **Name of** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
text	text	text	text	text

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
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1 CONSTRUCTION STATUS

The ****< field officename >**** shall be notified in writing as to (a) the construction starting date, (b) the construction completion date, and (c) the date the facilities were placed into operation for the following sources: ****< INSERT EMISSIONS UNIT ID's HERE >****.

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Ohio EPA Source <u>Number</u>	Source Identification <u>Number</u>	BAT <u>Determination</u>	Applicable Federal & OAC Rules <u></u>	Permit Allowable Mass Emissions and/or Control/Usage Requirements <u></u>
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2 NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
Begin text here	Begin text here	Begin text here

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and ****< Field office name and address >****

3 NESHP REQUIREMENTS

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Ohio EPA Source <u>Number</u>	Source Identification <u>Number</u>	BAT <u>Determination</u>	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>
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The following source(s) are subject to the applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP) as promulgated by the United States Environmental Protection Agency under 40 CFR Part 61.

<u>Source Number</u>	<u>Source Description</u>	<u>NESHAP Regulation (Subpart)</u>
Begin text here	Begin text here	Begin text here

The application and enforcement of these standards are delegated to Ohio EPA. The requirements of 40 CFR Part 61 are also federally enforceable.

Pursuant to the NESHAP, the source owner/operator is required to report the following milestones:

- a. date of commencement of construction (no later than 30 days after such date);
- b. anticipated date of initial start-up (not more than 60 days or less than 30 days prior to such date);
- c. actual date of initial start-up (within 15 days after such date); and
- d. date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and ****< Field office name and address >****

3B RADIONUCLIDES NESHAP REQUIREMENTS

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The following source(s) are subject to the applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP) as promulgated by the United States Environmental Protection Agency under 40 CFR Part 61.

<u>Source Number</u>	<u>Source Description</u>	<u>NESHAP</u>
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Begin text here

Begin text here

The application and enforcement of these standards are performed by the United States Environmental Protection Agency.

Pursuant to the NESHAP, the source owner/operator is required to report the following milestones:

- a. date of commencement of construction (no later than 30 days after such date);
- b. anticipated date of initial start-up (not more than 60 days or less than 30 days prior to such date);
- c. actual date of initial start-up (within 15 days after such date); and
- d. date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

United States Environmental Protection Agency
 David Kee
 Air & Radiation Branch (5AR-26)
 230 South Dearborn Street
 Chicago, IL 60604

and Ohio Environmental Protection Agency
 DAPC - Permit Management Unit

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P.O. Box 163669
Columbus, OH 43216-3669

and ****< Field office name and address >****

4 PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report describing the test procedures followed and the results of such tests shall be submitted and signed by the person responsible for the test. The Director, or an Ohio EPA representative, shall be allowed to witness the test, examine testing equipment, and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

- A. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made 30 days in advance and shall specify the source operating parameters, the proposed test procedures, and the time, date, place and person(s) conducting such tests.
- B. Two copies of the test results shall be submitted within 30 days after the completion of the performance test.
- C. Tests shall be performed for the following source(s) and pollutants(s):

Source

here

Enter Text

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Pollutant(s)

Enter text here

5 MONITORING REQUIREMENTS

A ****< MONITOR TYPE/NAME >**** monitor shall be installed on the ****< EMISSIONS UNIT ID >**** . The monitoring equipment shall be installed and maintained in accordance with the applicable portions of 40 CFR part 60 - Standards of Performance for New Stationary Sources.

Within 30 days after the installation of the continuous monitoring and recording equipment, this facility shall conduct a performance specification test of such equipment pursuant to Section 3704.03(I) of the Ohio Revised Code and 40 CFR Part 60, Appendix B, Performance Specification Test 1. Personnel from the Ohio EPA field office shall be permitted to witness the performance specification test, and two copies of the test results shall be submitted to the Ohio EPA field office within 45 days after the test is completed.

Pursuant to 40 CFR Parts 60.7 and 60.13(h), this facility shall submit reports on a quarterly basis to the Ohio EPA field office documenting all instances of opacity values in excess of the limitations specified in OAC rule 3745-17-07 or any limitations specified in the terms and conditions of this permit. These quarterly excess emission reports shall be submitted by February 1, May 1, August 1, and November 1 of each year and shall cover the data obtained during the previous calendar quarters.

6 PSD REQUIREMENTS

The source described in this Permit to Install is subject to the applicable provisions of the Prevention of Significant Deterioration (PSD) regulations as promulgated by the United

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States Environmental Protection Agency 40 CFR 52.21. The authority to apply and enforce the PSD regulations has been delegated to the Ohio Environmental Protection Agency. The terms and conditions of this permit and the requirements of the PSD regulations are also enforceable by the United States Environmental Protection Agency.

In accordance with 40 CFR 124.15, 124.19 and 124.20, the following shall apply: (1) the effective date of this permit shall be 30 days after the service of notice to any public commentors of the final decision to issue, modify, or revoke and re-issue the permit, unless the service of notice is by mail, in which case the effective date of the permit shall be 33 days after the service of notice; and (2) if an appeal is made to the Administrator of the United States Environmental Protection Agency, the effective date of the permit is suspended until such time as the appeal is resolved or denied.

7 APPENDIX S - EMISSION OFFSET INTERPRETATIVE RULING

The source described in this Permit to Install is subject to the applicable provisions of the Interpretative Ruling on Emission Offsets by the United States Environmental Protection Agency, 40 CFR 51, Appendix S. The terms and conditions of this permit and the requirements of the Interpretative Ruling are also enforceable by the United states Environmental Protection Agency.

8 RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

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9 REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to ****< field office name & address >**** .

10 WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

11 MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

12 MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the ****< field office name & address >****.

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

13 AIR POLLUTION NUISANCES PROHIBITED

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The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

14 NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C) (4) (b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

15 GASOLINE DISPENSING FACILITIES

BAT for any gasoline dispensing operation identified within this permit consists of the use of Stage I vapor balance system. The vapor balance system shall be designed and operated to route at least 90% by weight of the organic compounds in the displaced vapors from the storage tanks to the delivery vessel and shall be equipped with a means to prevent the discharge into the atmosphere of displaced vapors from an unconnected vapor line. This shall be used at all times when filling the tanks.

The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank. This facility shall be serviced by a bulk gasoline plant or terminal that is in compliance with OAC Rule 3745-21-09(P) or (Q), respectively.

There shall be no leaks in the vapor and liquid lines during the transfer of gasoline.

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All fill caps shall be "in place" and clamped during normal storage conditions.

The gasoline dispensing facility shall repair within 15 days any leaks from the vapor balance system which is employed to meet the requirements of Paragraph (A) (3) of OAC Rule 3745-31-05 or Paragraph (R) (1) of OAC Rule 3745-21-09 when such leaks are equal to or greater than 100% of the lower explosive limit of propane, as determined under Paragraph (K) of OAC Rule 3745-21-10.

16 DIESEL AND/OR KEROSENE DISPENSING FACILITIES

BAT for any diesel and/or kerosene dispensing operation identified within this permit consists of the transfer of diesel and/or kerosene from a delivery vessel to a stationary storage tank through the use of submerged filling into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

17 GASOLINE DISPENSING OPERATIONS

BAT for the gasoline dispensing operation identified within this permit consists of the transfer of gasoline from a delivery vessel to a stationary storage tank through the use of submerged filling into the storage tank and the restriction of annual throughput to *****ENTER MAXIMUM GALLONS***** gallons of gasoline per year. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

18 MISCELLANEOUS STORAGE TANKS

Unless otherwise indicated, BAT for any miscellaneous storage tanks identified within this permit consists of the use of submerged fill into the storage tanks. The submerged fill pipe(s) are to be installed within six (6) inches of the bottom of the storage tank.

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19 NEW SOURCE PERFORMANCE STANDARD SUBPART Kb

The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

In accordance with 40 CFR 60.116b(a) and (b), the owner and operator of the following storage vessel(s) shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel for the life of each source.

<u>Source Number(s)</u>	<u>Tank Size</u>
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Enter text here	Enter text here
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In addition,

- A. In accordance with 40 CFR 60.116b(a) and (c), the owner and operator of the, following storage vessel(s) shall maintain a record of the volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Records shall be retained for a minimum of two years.

<u>Source Number(s)</u>	<u>Tank Size</u>
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Enter text here	Enter text here
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- B. In accordance with 40 CFR 60.116b(a) and (d), the owner and operator of the following storage vessel(s) shall

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notify the local field office within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. Records shall be retained for a minimum of two years.

<u>Source Number(s)</u>	<u>Tank Size</u>
Enter text here	Enter text here

C. Other Applicable Rules:

<u>Source Number(s)</u>	<u>Tank Size</u>
Enter text here	Enter text here

20 BAT FOR OPEN TOP VAPOR DEGREASERS

In accordance with OAC Rule 3745-21-09(0)(3), each owner or operator of an open top vapor degreaser shall:

- a. equip the open top vapor degreaser with a cover that can be opened and closed easily without disturbing the vapor zone;
- b. install the following safety switches:
 - 1. a condenser flow switch and thermostat or any other device which shuts off the sump heat if the condenser is either not circulating or too warm;
 - 2. a spray safety switch which shuts off the spray pump if the vapor level drops below any fixed spray nozzle;
 - 3. a vapor level control thermostat or any other device which shuts off the sump heat when the vapor level rises too high; and

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4. 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;
- c. install one of the following devices:
 1. a freeboard with a freeboard ratio greater than or equal to 0.75 - 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;
 2. refrigerated chiller;
 3. enclosed design (cover or door opens only when the dry part is actually entering or exiting the open top vapor degreaser);
 4. carbon adsorption system, with ventilation greater than or equal to 50 cubic feet per minute per square foot of air/solvent interface (when cover is open), and exhausting less than 25 parts per million (ppm) of solvent averaged over one complete adsorption cycle; or
 5. a control system, demonstrated to have control efficiency equivalent to or greater than any of the above, and approved by the Director; and
- d. operate and maintain the open top vapor degreaser in a manner which is consistent with good engineering practice and which minimizes solvent evaporation from the unit.

21 BAT FOR COLD CLEANERS

In accordance with OAC Rule 3745-21-09(0)(2), each owner or operator of a cold cleaner shall:

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a. equip the cold cleaner with either:

1. a cover - if the solvent has a vapor pressure greater than 0.3 pound per square inch absolute measured at 100°F or the solvent is heated or agitated, the cover shall be signed and constructed so that it can be easily operated with one hand; or
2. a remote solvent reservoir from which solvent is pumped through a nozzle suspended over a sink-like work area which drains back to the reservoir, provided a sink-like work area has an open drain area of less than 16 square inches and provided the solvent is neither heated above 120°F nor has a vapor pressure greater than 0.6 pound per square inch absolute, measured at 100°F;

b. equip the cold cleaner with a device for draining the cleaned parts - if the solvent has a vapor pressure greater than 0.6 pound per square inch absolute measured at 100°F, the drainage facility shall be constructed internally so that parts are enclosed under the cover during draining, unless an internal type drainage device cannot fit into the cleaning system;

c. install one of the following devices if the solvent vapor pressure is greater than 0.6 pound per square inch absolute measured at 100°F, or if the solvent is heated above 120°F;

1. freeboard that gives a freeboard ratio greater than or equal to 0.7;
2. water cover (solvent must be insoluble in and heavier than water); or
3. other systems of equivalent control, such as refrigerated chiller or carbon adsorption, approved by the Director; and

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- d. operate and maintain the cold cleaner in a manner which is consistent with good engineering practice and which minimizes solvent evaporation from the unit.

22 BAT FOR CONVEYORIZED DEGREASERS

In accordance with OAC Rule 3745-21-09(0)(4), each owner or operator of a conveyORIZED degreaser shall:

- a. install one of the following devices on all conveyORIZED degreasers having an air/solvent interface greater than 22 square feet;
 1. refrigerated chiller;
 2. carbon adsorption system, with ventilation greater than or equal to 50 cubic feet per minute per square foot of air/solvent interface (when downtime covers are open), and exhausting less than 25 parts per million (ppm) of solvent by volume averaged over a complete adsorption cycle; or
 3. a system demonstrated to have a control efficiency equivalent to or greater than Paragraph (0)(4)(a)(i) or (0)(4)(a)(ii) of this Rule, and approved by the Director;
- b. equip the conveyORIZED degreaser with equipment (such as a drying tunnel or rotating (tumbling basket) sufficient to prevent cleaned parts from carrying out solvent liquid or vapor;
- c. install one of the following safety switches, if the solvent is heated to its boiling point:
 1. a condensor flow switch and thermostat or any other device which shuts off the sump heat if the condensor coolant is either not circulating or too warm;
 2. a spray safety switch which shuts off the spray pump if

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the vapor level drops below any fixed spray nozzle;
and

3. a vapor level control thermostat or any other device which shuts off the sump heat when the vapor level rises too high;
- d. equip the conveyORIZED degreaser with covers for closing off the entrance and exit when not in use; and
- e. operate and maintain the conveyORIZED degreaser in a manner which is consistent with good engineering practice and which minimizes solvent evaporation from the unit.

23 NOTICE OF INTENT TO RELOCATE

Pursuant to OAC Rule 3745-31-03(A)(1)(n), the owner or operator of the portable or mobile source identified within this Permit to Install may relocate within the state of Ohio without first obtaining a Permit to Install providing the following criteria are met:

- a. the source is equipped with the Best Available Control Technology for such source;
- b. the source is operating pursuant to a currently effective Permit to Operate;
- c. the applicant has provided proper notice of intent to relocate the source to the Director within a minimum of 30 days prior to the scheduled relocation; and
- d. in the Director's judgement, the proposed site is acceptable under Rule 3745-15-07 of the Administrative Code.

In order for the Director to determine compliance with all of the above criteria, the owner or operator of the portable or mobile source must file a "Notice of Intent to Relocate" at

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least 30 days prior to relocation of the source with the ****< field office name & address >****. Upon receipt of the notice, the Director, or the Director's authorized representative, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio Environmental Protection Agency approval prior to relocation of the source may result in fines and civil penalties.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

24 ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. BEGIN TEXT HERE FOR THE ADDITIONAL SPECIAL TERMS AND CONDITIONS, REMEMBER TO USE THE F7 KEY TO INDENT AND THE ENTER KEY TO PLACE A SPACE BETWEEN INDIVIDUAL TERMS AND SUBTERMS.

1. LOOK AT THE REVEAL CODES ON THIS LINE TO SEE AN EXAMPLE OF HOW THIS IS ACCOMPLISHED
 - a. IT REALLY IS AN EASY WAY TO TYPE THE DOCUMENT IN A UNIFORM FASHION.
 - i. HIGHLIGHT THIS TEXT TO DELETE THESE MESSAGES AND BEGIN ENTERING THE ADDITIONAL SPECIAL TERMS AND CONDITIONS.