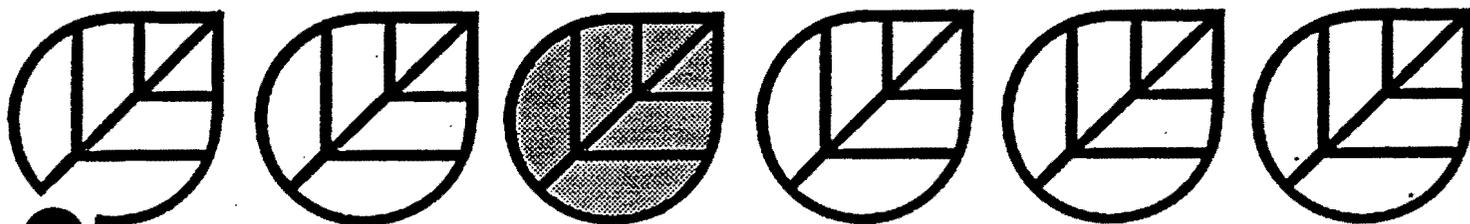


**APPENDIX D**

**PERMIT TO INSTALL AND PERMIT TO OPERATE**

# Air Permits to Operate and Variances

OAC-3745-35 (former rule EP-32)



- (A) Except as otherwise provided in paragraph (B) of this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.
- (B) The following definitions shall apply exclusively to this chapter:
- (1) "Air contaminant source" shall mean any machine, device, apparatus, equipment, building, or other physical facility that emits or may emit any air pollutant.
  - (2) "Applicable air pollution control law" shall, unless otherwise expressly specified, include any applicable provisions of: Chapter 3704. and 3745. of the Revised Code, as amended; rules and orders of the Ohio environmental protection agency; the Clean Air Act, as amended; rules and regulations of the administrator of the United States environmental protection agency.

Effective: November 7, 1979

Promulgated under: Revised Code Chapter 119  
Rule amplifies: Revised Code Chapter 3704  
Amended: July 5, 1973

3745-35-02 Permits to Operate.

- (A) Except as otherwise provided in paragraph (H) of this rule and in rules 3745-35-03 and 3745-35-05 of the Administrative Code, no person may cause, permit, or allow the operation or other use of any air contaminant source without applying for and obtaining a permit to operate from the Ohio environmental protection agency in accordance with the requirements of this rule.
- (B) Applications for permits to operate.
- (1) Applications for permits to operate shall be signed, in the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.
  - (2) Applications for permits to operate shall be signed, in the case of a partnership, by a general partner.
  - (3) Applications for permits to operate shall be signed, in the case of sole proprietorship, by the proprietor.
  - (4) Applications for permits to operate shall be signed, in the case of municipal, state, federal or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.
  - (5) Applications for permits to operate for new sources shall be filed at least ninety days prior to start-up of operations.
  - (6) Applications for permits to operate shall be on forms prescribed by the Ohio environmental protection agency and shall contain all information the Ohio environmental protection agency deems necessary to determine whether the air contaminant source is operating and will be operated in accordance with all applicable rules of the Ohio environmental protection agency, including, but not limited to: location of source; description of the equipment and processes involved; the nature, source, and quantity of uncontrolled and controlled emissions; the type, size, and efficiency of control facilities; the impact of the emissions from such source upon existing air quality.
  - (7) Except as otherwise expressly provided by rule, a separate application for a permit to operate shall be made for each air contaminant source to which this rule applies.
  - (8) Each application shall be signed by the applicant, whose signature shall constitute an agreement that the applicant shall assume responsibility for operating and maintaining such source and control equipment in a manner designed to assure compliance with applicable air pollution control law.

- (9) Any application for a permit to operate which, on its face, fails to provide the agency with requested information needed to provide a factual basis for ascertaining compliance with each of the requirements of paragraph (C) of this rule may be considered defective and be treated as if it has not been filed. No hearing need be granted with respect to such improper applications, which shall be returned to the applicant as expeditiously as practicable without further processing with an indication of the deficiency.
- (C) No permit to operate shall be granted until the applicant demonstrates, for each source to which the permit applies, to the satisfaction of the director, that:
- (1) The source is in compliance with applicable air pollution control law and, if required by rule, the source has submitted an approvable compliance program, including a compliance schedule if necessary. A compliance program shall be approvable where it shows to the satisfaction of the director that operation pursuant to such program will result in compliance by the source with all requirements of applicable air pollution control law as expeditiously as practicable but in no event later than the date provided by rule by which compliance with such requirements must be achieved, and where it identifies all reasonable interim control measures; and,
  - (2) If required by the director, the source is equipped with instrumentation and sensing devices to monitor and record emission data and other information about the operation of the source; and,
  - (3) If required by the director, performance tests, conducted after the application was made, at the applicant's expense, in accordance with methods prescribed by the Ohio environmental protection agency, demonstrate that the source is in compliance with applicable emission limitations and other applicable air pollution control law. The Ohio environmental protection agency or its representatives may observe, participate in, or conduct any performance test required; and,
  - (4) In the case of a new source, except those exempted from obtaining a permit to install by rule 3745-31-03 of the Administrative Code:
    - (a) Such source was constructed, modified, located, or installed in compliance with the terms and conditions of a permit to install, as well as applicable air pollution control law; and

- (b) Performance tests conducted at the expense of the applicant demonstrate such source operates or within ninety days of start-up of operation, will operate in accordance with applicable Ohio environmental protection agency law and rules and in accordance with "Federal Standards of Performance for New Sources" promulgated by the administrator of the United States environmental protection agency. The director may exempt classes of sources by resolution or individual sources from the requirement of performance testing where economic and technical considerations justify such exemption.
- (5) The source does not violate "National Emission Standards for Hazardous Air Pollutants" adopted by the administrator of the United States environmental protection agency.
- (D) Terms and conditions.
  - (1) Permits to operate shall be effective for one year from date of issuance, or for whatever other period the director deems appropriate, not to exceed three years.
  - (2) Any permit to operate issued by the director shall be subject to revision in response to changes in applicable air pollution control law or other factors affecting the compliance of the source or control facility with the standards or conditions of the original permit.
  - (3) The transferee of any permit to operate shall, personally, assume the responsibilities of the original permit holder-transferor. The Ohio environmental protection agency must be notified in writing of any transfer of a permit to operate.
  - (4) Such air pollution emergency episode plans as are submitted and approved shall become terms and conditions of the permits to operate and shall have full force and effect as a part thereof.
  - (5) Any approved compliance schedule shall be incorporated into the permit to operate and shall be a term and condition thereof.
  - (6) The director may include such other terms and conditions as are necessary to ensure compliance with applicable air pollution control law or to gather information about ambient air quality, emission levels, or other aspects of the source operation.
- (E) Permits under this rule shall be issued, denied, modified, or revoked and may be challenged in accordance with the provisions of Chapter 3745-47 of the Administrative Code.
- (F) Suspension or revocation of permit to operate.

- (1) The director may suspend or revoke a permit to operate if he determines that any of the conditions, terms, or standards of paragraph (C) or (D) of this rule or any other applicable air pollution control law or rule of the Ohio environmental protection agency have been or will be violated.
  - (2) Suspension or revocation of a permit to operate shall be final thirty days after service of notice to the permit holder.
  - (3) The Ohio environmental protection agency shall afford a prompt hearing to any permit holder whose permit to operate is suspended or revoked in the manner prescribed in Chapter 3745-47 of the Administrative Code.
  - (4) A permit to operate which has been revoked shall be surrendered forthwith to the Ohio environmental protection agency.
- (G) Possession of a permit to operate shall not relieve any person of the responsibility continuously to comply with applicable emission limitations and other provisions of applicable air pollution control law.
- (H) If a new source that has been constructed, installed, located, or modified in accordance with the provisions of a permit to install, and otherwise in accordance with applicable air pollution control law, is unable to comply with the requirements of paragraph (C)(4)(b) of this rule as of the date of start-up of operations, the director may grant a conditional permit to operate such source for a period not to exceed six months from start-up of operation, provided the period is used to remedy any defect which prevents such compliance, and the applicant demonstrates that compliance with emission standards prescribed by applicable air pollution control law will be achieved as expeditiously as practicable, any reasonably available alternative operating procedures and interim control measures have been used or will be used to reduce excess emissions, and the continued operation of the source pursuant to the conditional permit to operate will not endanger or threaten to endanger human health. Conditional permits to operate may not be renewed, and shall contain such terms and conditions as the Ohio environmental protection agency determines necessary and appropriate.

Effective: June 14, 1982

Promulgated under: Revised Code Chapter 119  
Rule amplifies: Revised Code Chapter 3704  
Amended: July 5, 1973; November 7, 1979

- (A) No person shall cause, permit, or allow the operation or other use of any air contaminant source that emits any air pollutant in violation of any applicable air pollution control law, unless a variance has been applied for and obtained from the director for such source, pursuant to the provisions of this rule. No variance from any rule of the director adopted under Chapter 3704. of the Revised Code may be issued except pursuant to this rule.
- (B) No variance shall be granted from Chapter 3745-19 of the Administrative Code governing open burning.
- (C) No variance shall be granted to a "new source," as defined in paragraph (R) of rule 3745-15-01 of the Administrative Code, from any emission limitation which was applicable to the source as a new source.
- (D) Applications for variances.
  - (1) Applications for variances shall be signed in the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.
  - (2) Applications for variances shall be signed in the case of a partnership, by a general partner.
  - (3) Applications for variances shall be signed in the case of a sole proprietorship, by the proprietor.
  - (4) Applications for variances shall be signed in the case of a municipal, state, federal or other government facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.
  - (5) Applications for variances shall be made in a form and manner prescribed by the Ohio environmental protection agency.
  - (6) Except as otherwise expressly provided by rule, a separate application for a variance shall be made for each air contaminant source to which this rule applies.
  - (7) Any variance application that fails to provide information needed to provide a factual basis for ascertaining compliance with each of the relevant requirements of this rule may be considered defective and be treated as if it had not been filed. Such application shall be returned to the applicant as expeditiously as practicable with an indication of the deficiencies thereof. Further processing of the application, including issuance of a proposed or final action or the initiation of any other official response by the Ohio environmental protection agency with respect to the application, will not occur until deficiencies have been remedied.

- (8) An application which seeks a variance pursuant to this rule which allows applicant to emit an air pollutant at a specified level in excess of emissions standards prescribed by applicable air pollution control law without requiring eventual compliance with such standards shall specify the level of emission sought. Any such application which fails to so specify may be treated as a deficient application as set forth in paragraph (D)(7) of this rule.

(E) Standards for granting variances.

- (1) A variance for an air contaminant source may allow an applicant:

- (a) To emit from such source a specified level of emissions of the particular air contaminant which exceeds the level permitted by applicable air pollution control law, without achieving eventual compliance with the level permitted by applicable air pollution control law; or
- (b) To achieve compliance with applicable air pollution control law pertaining to the particular air contaminant, pursuant to a compliance schedule included as a term and condition of the variance, on a date later than the date provided by applicable air pollution control law upon which compliance by such source must be achieved; or
- (c) Both to emit the particular air contaminant at a specified level of emissions which exceeds the level permitted by applicable air pollution control law, without achieving eventual compliance with the level permitted by applicable air pollution control law, and to achieve compliance with such higher level of emissions, pursuant to a compliance schedule included as a term and condition of the variance, on a date later than the date provided by applicable air pollution control law upon which compliance by such source with applicable air pollution control law pertaining to such air contaminant must be achieved.

- (2) A variance may be issued only if the applicant either demonstrates the requirements of paragraphs (E)(2)(a) to (E)(2)(c) of this rule, paragraph (E)(2)(e) of this rule, and paragraph (E)(2)(f) of this rule or demonstrates the requirements of paragraphs (E)(2)(d) to (E)(2)(f) of this rule:

(a) Either:

- (i) The ambient air quality standards for the particular air contaminant to which the requested variance pertains are currently being met throughout the region affected by the emissions from the air contaminant source; or

- (ii) The emission of air contaminants in accordance with the variance will not prevent or interfere with the attainment of ambient air quality standards by contributing, either singly or in conjunction with other sources, to a failure to attain ambient air quality standards by the date or dates prescribed by applicable air pollution control law throughout the region affected by the emissions from the air contaminant source;
- (b) The emission of air contaminants in accordance with the variance will not prevent or interfere with the maintenance of ambient air quality standards by contributing, either singly or in conjunction with other sources, to a failure to maintain ambient air quality standards throughout the region affected by the emissions from the air contaminant source for the particular air contaminant to which the requested variance pertains after such ambient air quality standards are attained;
- (c) The variance is necessary because compliance with the emission standard from which the variance is sought is, and, to the extent applicant has not complied with such emission standards, has been since the adoption of such emission standard, technically infeasible, economically unreasonable, or impossible because of conditions beyond the control of the applicant;
- (d) Bubble concept:
  - (i) An alternative emission control strategy (bubble concept) is provided which will allow emissions of air contaminant from the source for which the variance is requested to exceed the level permitted by applicable air pollution control law and will also require emissions of the same air contaminant from another source or sources to be less than the level(s) permitted by applicable air pollution control law. The alternative emission control strategy shall:
    - (a) Result in a reduction in actual emissions of the air contaminant from such other source or sources which is equivalent to or greater than the reduction which would occur if the source for which the variance is requested were to comply with applicable air pollution control law;

- (b) Result in an actual net ambient air quality improvement which is as good as, or better than, that which would occur if the source for which the variance is requested were to comply with applicable air pollution control law and if all such other sources were to either comply with applicable air pollution control law or maintain their actual level of emissions if such level is less than permitted by applicable air pollution control law;
- (c) Include applications for variances or permits to operate (or modifications of existing variances or permits to operate) for such other sources at the same facility that specify a level of allowable emissions of an air contaminant which is below the level established by applicable air pollution control law and which satisfies the requirements of paragraphs (E)(2)(d)(i)(a) and (E)(2)(d)(i)(b) of this rule:
  - (i) Air contaminants from different sources shall be considered to be "the same" for purposes of paragraph (E)(2)(d)(i) of this rule only if they are comparable in terms of type of contaminant.
  - (ii) Emissions of particulates of the following types shall not be considered, for purposes of paragraph (E)(2)(d)(i) of this rule to be "the same" as emissions of particulates of any other types:
    - (a) Asbestos;
    - (b) Beryllium;
    - (c) Coke oven emissions;
    - (d) Lead; and
    - (e) Mercury.
  - (iv) Emissions of organic compounds of the following types shall not be considered, for purpose of paragraph (E)(2)(d)(i) of this rule, to be "the same" as emissions of organic compounds of any other types:
    - (a) Benzene; and
    - (b) Vinyl chloride.
- (e) Such compliance with applicable air pollution control law or other terms and conditions as is required by the variance will be achieved as expeditiously as practicable;

- (f) If any rule from which a variance is sought has been approved by the administrator of the United States environmental protection agency as part of the implementation plan, the applicant must demonstrate those matters required by federal law or regulations, including, but not limited to 42 U.S.C. 7410, as amended, and 40 CFR Parts 51 and 52, as amended, for approval of a revision to the plan, except approval by the administrator or his representative as a revision to the implementation plan.
- (F) The director retains the discretion to deny the application upon consideration of evidence regarding matters specified in division (H) of section 3704.03 of the Revised Code which is submitted by the applicant, developed by the agency, or obtained from another source, even though the demonstrations required by paragraph (E) of this rule have been made.
- (G) Action on applications for variance.
  - (1) Prior to taking any action on any application for a variance, the Ohio environmental protection agency may hold a public meeting on the proposed variance in the manner specified in Chapter 3745-47 of the Administrative Code.
  - (2) In granting, revoking, denying, or modifying any variance, the director shall state his reasons therefor in writing. The decision and reasons therefor shall be made publicly available at the cost of reproduction and handling.
  - (3) The director shall act on an application for a variance within six months of the filing of a complete application by issuing a proposed or final action.
  - (4) A single variance issued pursuant to this rule for an air contaminant source may provide the applicant relief from more than one emission limitation.
  - (5) Variances under this rule shall be issued, denied, modified, or revoked and may be challenged in accordance with the provisions of Chapter 3745-47 of the Administrative Code.
  - (6) A variance from a rule which has been approved by the administrator of the United States environmental protection agency as part of the implementation plan shall not be issued unless:
    - (a) Such variance has been submitted to the administrator as a revision to the implementation plan pursuant to applicable air pollution control law, including, but not limited to, 42 U.S.C. 7410, as amended, and 40 CFR Parts 51 and 52, as amended; and
    - (b) All requirements of applicable air pollution control law, including, but not limited to, 40 CFR Parts 51 and 52, as amended, have been met, except approval by the administrator or his representative as a revision to the implementation plan; and

- (c) The variance contains a condition that the variance will not be effective until approved by the administrator or his representative as a revision of the implementation plan.
- (7) If a variance has been approved by the administrator pursuant to paragraph (G)(6) of this rule, a renewal of such variance shall not be subject to the requirements of paragraph (G)(6) of this rule unless a significant difference exists between the material aspects of such variance and the renewed form of such variance. For the purposes of paragraph (G)(6) of this rule, a significant difference shall include any change in the final compliance date of any compliance schedule.
- (8) Upon issuance of a variance authorizing emissions as described in paragraph (E)(1)(a) or (E)(1)(c) of this rule, and upon approval thereof by the administrator as provided by paragraph (G)(6)(c) of this rule, if applicable, the director shall propose to amend the rule from which the variance is issued to provide for emissions authorized by the variance. The amended rule shall be proposed only if, in the director's judgment, such amended rule will conform to all requirements of applicable air pollution control law, including, if applicable, requirements regarding implementation plans. Following rulemaking procedures mandated by law on the proposal, the director shall take such action on the proposal as is lawful and reasonable.

(H) Terms and conditions.

- (1) Except as otherwise appropriate under paragraph (E) of this rule, an approved compliance schedule shall be incorporated into any variance granted, and shall be a term and condition thereof.
- (2) Each variance issued pursuant to this rule and each variance or permit to operate issued to another source pursuant to paragraph (E)(2)(d) of this rule shall include as terms and conditions a specified emission limit for each air contaminant for which a variance is granted and test methods for demonstrating compliance with such emission limits.
- (3) Variances shall be effective for whatever period the director deems appropriate, not to exceed three years. A variance may be renewed only when the Ohio environmental Protection agency is satisfied that the source for which the variance was granted is making satisfactory progress toward achievement of the program specified in any compliance schedule incorporated into the variance and/or is complying with any other terms and conditions of the variance.
- (4) The possession of a variance shall not relieve the holder of responsibility to comply with all other applicable air pollution control law and rules of the Ohio environmental protection agency.
- (5) Any variance issued by the director shall be subject to revision in response to changes in applicable rules or other factors affecting the compliance of the source or control facility with the standards or conditions of the original variance.

- (6) In the event of a transfer of ownership or operation of an air contaminant source to which a variance has been issued, the variance shall be transferred to the new owner or operator. The transferee shall assume the responsibilities of the transferor. The Ohio environmental protection agency must be notified in writing of any transfer of a variance.
  - (7) Such air pollution emergency episode plans as are submitted and approved pursuant to Chapter 3745-25 of the Administrative Code shall become terms and conditions of the variance and shall have full force and effect as a part thereof.
  - (8) The director may include such other terms and conditions as are necessary to ensure compliance with applicable law or to gather information about ambient air quality, emission levels, or other aspects of the source operation.
  - (9) In addition to the other registration and reporting requirements of all air contaminant sources, the holder of a variance which contains a compliance schedule shall file reports every two months or as otherwise required by the Ohio environmental protection agency. Such reports shall be signed by the applicant for the variance. These reports shall demonstrate to the satisfaction of the director that the source for which the variance was issued is making consistent progress and has met all interim deadlines specified in the compliance schedule or specified by the Ohio environmental protection agency. If the responsible official fails to file an interim report, or if such report fails to satisfy the director that the source is making satisfactory progress, then the director may revoke the variance. False or misleading statements in an interim report shall be grounds for revocation of the variance.
- (I) Possession of a variance relieving an air contaminant source from having to comply with any requirement of applicable air pollution control law shall not relieve an air contaminant source of the responsibility to comply with all other requirements of applicable air pollution control law.
- (J) Revocation.
- (1) The director may revoke a variance if he determines that any of the terms, conditions, standards, or requirements of this rule have been or will be violated or that circumstances have changed so that the applicant is no longer eligible for a variance under paragraph (E) of this rule.
  - (2) A variance that has been revoked shall forthwith be surrendered to the Ohio environmental protection agency.

Effective: August 30, 1982

Promulgated under: RC Chapter 119  
Rule amplifies: RC Chapter 3704  
Amended: July 28, 1975  
November 7, 1979  
December 5, 1980

- (A) Where any person demonstrates by a preponderance of the evidence that more than one alternative would, with equal efficiency and, if appropriate, speed, satisfy any requirement of applicable air pollution control law, then the Ohio environmental protection agency shall encourage the implementation of the least costly alternative.
- (B) Wherever required by any provision of Chapter 3704. of the Revised Code, the director shall give consideration to, and attempt to minimize, the economic expense of any action he may require any source, person, or other entity to take; provided, however, that economic hardship to any person shall be no excuse for any performance, operation, action, inaction, or their conduct which violates any requirement of applicable air pollution control law.
- (C) Wherever practicable, the director shall act upon applications for permits and variances in sequence based on the filing date of a completed application.

Effective: November 7, 1979

Promulgated under: Revised Code Chapter 119  
Rule amplifies: Revised Code Chapter 3704  
Amended: July 5, 1973

## (A) Permit exemptions:

- (1) Except as otherwise provided in paragraph (A)(3) of this rule, the following air contaminant sources shall not be required to apply for, or obtain, permits to operate or variances:
  - (a) comfort ventilating systems;
  - (b) incinerators located in dwellings containing six or fewer dwelling units;
  - (c) sources, located in dwelling units, from which products of combustion are the sole emissions, and which burn oil, natural gas, or other fuel for the production of steam, hot water, or hot air at rates of less than one million British thermal units per hour when operated at the maximum capacity;
  - (d) gasoline dispensing facilities, as defined in paragraph (H) of rule 3745-21-01 of the Administrative Code, which are not located in Butler, Clermont, Cuyahoga, Franklin, Greene, Hamilton, Lake, Lorain, Lucas, Mahoning, Medina, Montgomery, Portage, Stark, Summit, Trumbull, Warren or Wood counties; and
  - (e) gasoline storage tanks, grain dryers and storage silos which are located on farms and used solely for farming activities.
- (2) The exemptions specified within paragraph (A)(1) of this rule shall not relieve any air contaminant source from the responsibility to comply with applicable air pollution control law or with any applicable laws, ordinances, rules or regulations of any political subdivision of the State of Ohio.
- (3) If, in the director's judgment, based on a review of mass emission test data, visible emission readings, emission factors, mass balance data, source inspection information, or other pertinent information, a source described in paragraphs (A)(1)(a) to (A)(1)(e) of this rule has violated, may presently be violating, or may in the future violate applicable air pollution control law, the director shall notify the owner or operator of the source in writing that the source is no longer exempt pursuant to paragraph (A)(1) of this rule. The owner or operator may contest the withdrawal of exemption by filing with the hearing clerk, within thirty days of receipt of the written notification, a request for adjudication hearing. At the close of hearing procedures, the director shall restore the exemption if the owner or operator has demonstrated that the source has not violated, is not presently violating, and will not in the future violate applicable air pollution control law. Nothing in this paragraph shall be construed as abrogating the compliance responsibility set forth in paragraph (A)(2) of this rule.

(B) Registration status:

- (1) The director may place an application for a permit to operate for an air contaminant source on registration status, rather than issuing a permit to operate, if the owner or operator of such source demonstrates to the satisfaction of the director that the source is in compliance with applicable air pollution control law and if either of the following conditions are met:
  - (a) the source is not subject to any mass emission limitation or control requirement specified within or pursuant to any applicable air pollution control law; or
  - (b) the source is subject to a mass emission limitation or control requirement specified solely within Chapter(s) 3745-17, 3745-18 and/or 3745-21 of the Administrative Code; the maximum potential yearly emissions of lead and organic compounds from the source are each less than five tons; and the maximum potential yearly emissions of particulates and sulfur dioxide from the source are each less than twenty-five tons.
- (2) If an application for a permit to operate for an air contaminant source is placed on registration status, the director shall so notify the owner or operator of the source in writing.
- (3) An application for a permit to operate for an air contaminant source may remain on registration status until removed in accordance with paragraph (B)(4) of this rule.
- (4) The director may at any time require the owner or operator of an air contaminant source, for which an application for a permit to operate has been placed on registration status, to submit an updated application for a permit to operate or variance and/or to demonstrate its continued compliance with the requirements of paragraph (B)(1) of this rule. If the owner or operator complies with this request of the director within a reasonable period of time as specified by the director, the updated application shall be processed in accordance with applicable rules, including retention on registration status if appropriate. If the owner or operator fails to comply with this request of the director within a reasonable period of time as specified by the director, the permit to operate application previously submitted by such owner or operator for such source shall be removed from registration status and processed in accordance with applicable rules. Any subsequent permit denial or notice of application deficiency shall serve as notice to the owner or operator of the source that his permit to operate application for such source has in fact been removed from registration status.

(5) For purposes of paragraph (B)(1) of this rule:

- (a) "Maximum potential yearly emissions" shall mean the total weight of lead, organic compounds, particulates or sulfur dioxide which is, or in the absence of control equipment would be, emitted from an air contaminant source in any one calendar year.
- (b) "Registration status" shall mean that the source may be operated without having obtained a permit to operate or variance, and exists upon notification as provided in paragraph (B)(2) of this rule.

Effective: December 12, 1980

Promulgated under: RC Chapter 119  
Rule amplifies: RC Chapter 3704  
Amended: April 26, 1976

3745-35-06 Permits to operate for grain and feed processing operations and fertilizer mixing operations.

- (A) In accordance with paragraph (B)(7) of rule 3745-35-02 of the Administrative Code one application for a permit to operate may be submitted for the shellers, hammermills and aspirated bagging operations and other sources subject to rule 3745-17-11 of the Administrative Code and which are located at a facility which constitutes a grain and feed processing operation.
- (B) In accordance with paragraph (B)(7) of rule 3745-35-02 of the Administrative Code, one application for a permit to operate may be submitted for the air contaminant sources which are subject to rule 3745-17-11 of the Administrative Code and which are located at a facility which constitutes a fertilizer mixing operation.
- (C) Permits to operate for sources of fugitive dust at a grain and feed processing operation or a fertilizer mixing operation and which are subject to rule 3745-17-08 of the Administrative Code shall be submitted in accordance with applicable rules of the director.
- (D) The fee for each permit to operate shall be based on the sum of the process weight rates of all the equipment included in the permit application, and the fee shall be assessed in accordance with the schedule for processes in Chapter 3745-45 of the Administrative Code.

Effective Date:	<u>December 5, 1980</u>
Promulgated under:	<u>RC Chapter 119</u>
Statutory Authority:	RC Chapter 3704

OHIO ENVIRONMENTAL PROTECTION AGENCY  
APPLICATION FOR A PERMIT TO OPERATE  
AN AIR CONTAMINANT SOURCE

Facility Name \_\_\_\_\_

Person to Contact \_\_\_\_\_

Facility Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ Zip \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number \_\_\_\_\_

Telephone Number \_\_\_\_\_

Application No. (if renewal application) \_\_\_\_\_

SIC Code \_\_\_\_\_

1. Complete and attach any one of the following appendices most appropriate to the air contaminant source. In addition, a compliance time schedule form is to be attached when applicable. Check as appropriate one of the following:

- Appendix A, Process
- Appendix B, Fuel Burning Equipment
- Appendix C, Incinerator
- Appendix D, Surface Coating or Printing Operation
- Appendix E, Storage Tank
- Appendix H, Gasoline Dispensing Facility
- Appendix J, Loading Rack at Bulk Gasoline Plant or Terminal
- Appendix K, Surface Coating Line or Printing Line

- Appendix L, Solvent Metal Cleaning
- Appendix M, Fugitive Dust Emission Sources
- \_\_\_\_\_ specify Appendix No.
- Appendix N, Rubber Tire Manufacturing
- Appendix O, Dry Cleaning Facility
- Appendix P, Landfills
- Other Appendix \_\_\_\_\_
- Compliance Time Schedule

2. Description of Source (same as used on appendix): \_\_\_\_\_

3. Your Identification for Source (same as used on appendix): \_\_\_\_\_

I, being the individual specified in Rule 33745-35-02(B) of the Ohio Administrative Code, hereby apply for a Permit to Operate the air contaminant source described herein. As required, the following additional documents are submitted as part of this application (describe all attachments):

Authorized Signature\* \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

## Instruction for Completion of a Permit to Operate or Variance Application

These instructions concern the completion of application materials for a Permit to Operate or a Variance for air contaminant sources. An application cannot be considered unless the application form is completed and signed and any required supplemental information is submitted. Pursuant to Section 3745.11(G) of the Ohio Revised Code (ORC), any person applying for a permit to operate, permit to install, or variance, must pay a non-refundable application fee of \$15.00. This fee must be submitted at the time of application. Make checks payable to the Treasurer of the State of Ohio. Unless otherwise provided for by rule, a separate application must be filed for each air contaminant source. Therefore, only one (1) application may accompany this form. Applicants are advised that they will be required to pay a fee upon approval of their application for a Permit to Operate or Variance as provided for in Section 3745.11(B) of the ORC.

An appendix is a technical information form to be completed by the applicant. From the following description of the appendices, determine which should accompany your application.

- Appendix A - Process: for sources not included in the other appendices.
- Appendix B - Fuel Burning Equipment: for any furnace, boiler, apparatus, and all appurtenances thereto, used in the process of burning fuel with the primary purpose of producing heat or power by indirect heat transfer.
- Appendix C - Incinerator: for any equipment, machine, device, article, contrivance, structure or part of a structure used to burn refuse or to process refuse material by burning other than by open burning.
- Appendix D - Surface Coating or Printing Operation: for a surface coating operation not included under Appendix K or for a printing operation.
- Appendix E - Storage Tank: a storage tank for organic/inorganic liquids.
- Appendix H - Gasoline Dispensing Facility: any site where gasoline is dispensed to motor vehicle gasoline tanks from stationary storage tanks.
- Appendix J - Loading Rack at a Bulk Gasoline Plant or Terminal: an operation for transferring gasoline to a delivery vessel.
- Appendix K - Surface Coating Line: a coating line that consists of one or more coating applicators, flash-off areas or ovens to be used for the following: an automobile or light-duty truck assembly plant; can manufacturing; coil coating; fabric coating; large appliance coating; magnet wire coating; metal furniture coating; paper coating; vinyl coating; miscellaneous metal parts coating.
- Appendix L - Solvent Metal Cleaning: an operation employing solvent for cleaning metal surfaces; wipe-cleaning is excluded.
- Appendix M - Fugitive Dust Emission Sources
  - M1-1 Plant Roadways and Parking Areas
  - M1-2 Aggregate Storage Piles
  - M1-3 Material Handling
  - M1-4 Mineral Extraction
  - M2-1 Coke Manufacturing
  - M2-2 Iron Production
  - M2-3 Steel Manufacture
  - M3 Lime Plants
  - M4 Power Plants
  - M5 Grain Terminals
  - M6 Country Grain Elevators
  - M7 Gray Iron Foundries
  - M8 Steel Foundries
  - M14 Ferroalloy Production
  - M15 Metal Salvage Operations
  - M16 Pulp and Paper Mills
  - M17 Woodworking Operations
  - M18 Aggregate Processing Plants
  - M19 Coal Processing Plants
  - M20 Brick and Related Clay Product Manufacturing Plants
  - M21 Asphaltic Concrete Plants
  - M22 Concrete Batching Plants
  - M23 Sandblasting Operations
  - M24 Petroleum Refineries

M9 Glass Manufacturing Plants  
M10 Fiberglass Manufacturing  
M11 Secondary Aluminum Processing  
Plants  
M12 Fertilizer Mixing/Blending  
Plants  
M13 Cement Manufacturing and  
Blending Plants

M25 Agricultural Chemical  
Manufacturing Plants  
M26 Bulk Gasoline Terminals  
and Plants  
M27 Carbon Black Plants  
M28 Municipal Incineration  
M29 Salt Processing Operations  
M30 Galvanizing Plants

Appendix N - Rubber Tire Manufacturing

Appendix O - Dry Cleaning Facility

Appendix P - Landfill

There are separate instructions with each appendix. If more than one application form is submitted at one time, it is acceptable to use photocopies of these forms containing identical data entry; however, each application must contain an original signature.

The following Sections of Chapter 3745-35 of the Ohio Administrative Code provide the applicant with information regarding air contaminant sources, permits to operate and variances. A complete copy of OAC Rule 3745-35 is available on request.

OAC Rule 3745-35-01(B)(1) "Air Contaminant Source" shall mean any machine, device, apparatus, equipment, building, or other physical facility that emits or may emit any air pollutant.

OAC Rule 3745-35-02(A) Except as otherwise provided in Paragraph (H) of this rule and in rules 3745-35-03 and 3745-35-05 of the Administrative Code, no person may cause, permit, or allow the operation or other use of any air contaminant source without applying for and obtaining the permit to operate from the Ohio Environmental Protection Agency in accordance with the requirements of this rule.

OAC Rule 3745-35-03(A) No person shall cause, permit or allow the operation or other use of any air contaminant source that emits any air pollutant in violation of any applicable air pollution control law, unless a variance has been applied for and obtained from the director for such source, .. pursuant to the provisions of this rule. No variance from any rule of the director adopted under Chapter 3704 of the Revised Code may be issued except pursuant to this rule.

#### Signature on Application Form

OAC Rule 3745-35-02(B)(1) Applications for permits to operate shall be signed, in the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

...(2) Applications for permits to operate shall be signed, in the case of partnership, by a general partner.

...(3) Applications for permits to operate shall be signed, in the case of sole proprietorship, by the proprietor.

...(4) Applications for permits to operate shall be signed, in the case of municipal, state, federal, or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

OAC Rule 3745-35-03(D)(1) Applications for variances shall be signed, in the case of a corporation, by a principal executive officer of at least the rank of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the emission described in the application originates.

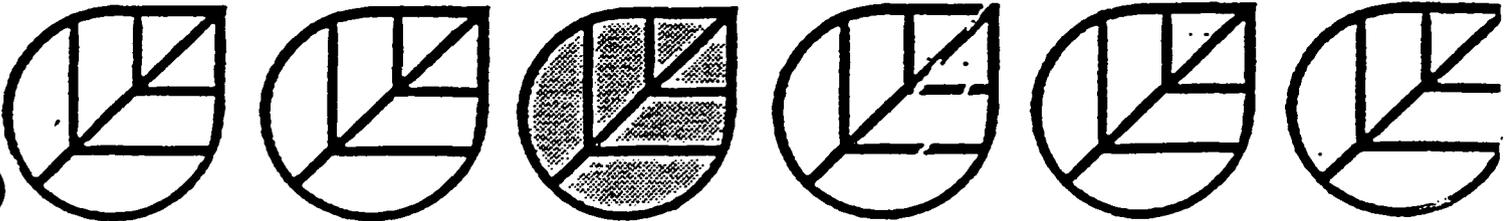
...(2) Applications for variances shall be signed, in the case of partnership, by a general partner.

...(3) Applications for variances shall be signed, in the case of sole proprietorship, by the proprietor.

...(4) Applications for variances shall be signed, in the case of municipal, state, federal, or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.

# Permit to Install New Sources of Pollution

OAC-3745-31



3745-31-01 Definitions.

- (A) Except as otherwise provided in this rule, the definitions in rule 3745-15-01 of the Administrative Code shall apply to this chapter.
- (B) "Affected source" means a major emitting facility as defined by the Clean Air Act.
- (C) "Air contaminant" means particulate matter, dust, fumes, gas, mist, smoke, vapor, or odorous substances, or any combination thereof.
- (D) "Air contaminant source" means each separate operation or activity that results or may result in the emission of any air contaminant.
- (E) "Allowable air contaminant emissions" means the emission rate calculated using the maximum rated capacity of the air contaminant source (unless the air contaminant source is subject to enforceable permit conditions which limit operating rate, or hours of operation, or both) permissible under the most stringent of the following:
  - (1) Applicable federal "Standards of Performance for New Stationary Sources" adopted by the administrator of the United States environmental protection agency pursuant to section 111 of the Clean Air Act and the regulations promulgated thereunder;
  - (2) Applicable "National Emission Standard for Hazardous Air Pollutants" set forth in 40 CFR Part 61;
  - (3) Applicable state implementation plan emission limitation; or
  - (4) The emission rate specified as an enforceable permit condition.

- (F) "Applicable laws" means any applicable provisions of Chapters 3704., 3734., 3745., and 6111. of the Revised Code, as amended; rules, regulations, and orders of the Ohio EPA; the Clean Air Act, as amended; the Federal Water Pollution Control Act, as amended; and rules and regulations of the administrator of the United States environmental protection agency.
- (G) "AUTHORIZED MAXIMUM DAILY WASTE RECEIPT" MEANS THE MAXIMUM AMOUNT OF SOLID WASTE A SOLID WASTE FACILITY MAY RECEIVE AT THE GATE IN ANY CALENDAR DAY. THE DISPOSAL LIMIT SHALL BE EXPRESSED IN TONS PER DAY FOR FACILITIES UTILIZING SCALES OR CUBIC YARDS PER DAY AT THE GATE FOR ALL OTHER FACILITIES. THE CONVERSION FACTOR BETWEEN TONS AND CUBIC YARDS SHALL BE ONE TON TO THREE CUBIC YARDS UNLESS THE SOLID WASTE IS BALED, IN WHICH CASE A ONE-TON- TO ONE-CUBIC-YARD CONVERSION FACTOR SHALL BE USED.
- (H) (H) "Disposal system" means a system for disposing of sewage, industrial waste, or other wastes, and includes sewerage systems and treatment works.
- (I) (I) "Install" or "installation" means to construct, erect, locate, or affix any air contaminant source or any treatment works.
- (J) (J) "Modify" or "modification" means:
- (1) Any physical change in, or change in the method of operation of:
    - (a) Any air contaminant source that:
      - (i) Increases the allowable air contaminant emissions under applicable law; or
      - (ii) Results in the emission of any type of air contaminant not previously emitted; or

- (iii) Results in the relocation of the source to a new premises, including, but not limited to, the movement of any existing source from another state, county, or other geographic location; or
  - (iv) Is otherwise defined as a major modification under applicable regulations promulgated by the administrator of the United States environmental protection agency regarding prevention of significant deterioration or non-attainment new source review, or is defined as a modification under applicable regulations promulgated by the administrator of the United States environmental protection agency regarding new source performance standards or national emission standards for hazardous air pollutants; or
- (b) Any significant air contaminant source that, for the specific air contaminant or air contaminants for which the air contaminant source is classified as significant, results in an increase in the ambient air quality impact of the air contaminant source greater than the following levels as determined by atmospheric dispersion modeling or by another method acceptable to the director:
- (i) Carbon monoxide - five hundred seventy-five  $\text{ug}/\text{m}^3$ , eight-hour average;
  - (ii) Nitrogen dioxide - fourteen  $\text{ug}/\text{m}^3$ , twenty-four-hour average;

- (iii) Total suspended particulate - ten ug/m<sup>3</sup>, twenty-four-hour average;
  - (iv) Sulfur dioxide - fifteen ug/m<sup>3</sup>, twenty-four-hour average;
  - (v) lead - 0.1 ug/m<sup>3</sup>, twenty-four-hour average; or
- (c) A treatment works to allow it to process water pollutants:
- (i) In materially increased quantities; or
  - (ii) Of a materially different character; or
  - (iii) In materially higher concentrations; or
  - (iv) The addition of new connections to a public sewerage system shall not be considered a modification of the sewerage system.
- (2) A solid waste disposal facility undergoing:
- (a) Any material change in:
    - (i) The total capacity; or
    - (ii) The finished topography; or
    - (iii) The depth of excavation; or
  - (b) A substantial change, which may endanger human health, in:
    - (i) Technique of waste receipt; or
    - (ii) Type of waste received; or
    - (iii) Type of equipment used; or

(c) An increase of greater than fifty percent or a minimum of three hundred tons in the average daily waste receipt; A CHANGE IN THE AUTHORIZED MAXIMUM DAILY WASTE RECEIPT ESTABLISHED FOR THE SOLID WASTE DISPOSAL FACILITY; OR

(d) Or any ANY other substantial alteration of said facility, unless performed in response to the terms of a permit or order of the Ohio EPA.

{J} (K) "New source" means any air contaminant source and/or disposal system for which an owner or operator undertakes a continuing program of installation or modification or enters into a binding contractual obligation to undertake and complete, within a reasonable time, a continuing program of installation or modification, after January 1, 1974, and which, at the time of installation or modification, would have otherwise been subject to the provisions of this chapter.

{K} (L) "Organic compounds" means any chemical compound containing carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides, metallic carbonates, and ammonium carbonate.

{b} (M) "Person" means the federal government or any agency thereof, the state or any agency thereof, any political subdivision, or any agency thereof, or any public or private corporation, individual, partnership, or other entity.

{M} (N) "Sewage" means any substance that contains any of the waste products or excrementitious or other discharge from the bodies of human beings or animals.

~~(N)~~ (O) "Significant air contaminant source" means any air contaminant source which emits:

(1) Greater than one hundred tons per year of any of the following air contaminants:

(a) Particulate emissions; or

(b) Sulfur dioxide; or

(c) Nitrogen oxides; or

(d) Organic compounds; or

(2) Greater than one thousand tons per year of carbon monoxide; or

(3) Greater than two tons per year of lead.

~~(O)~~ (P) "Solid waste disposal facility" means any site, location, tract of land, installation, or building used for incineration, composting, sanitary landfilling, or other methods of disposal of solid wastes, and does not include any facility for which a hazardous waste facility installation and operation permit is required by Chapter 3734. of the Revised Code.

~~(P)~~ (Q) "Temporary source" means any new source of air contaminants as defined in paragraph ~~(J)~~ (K) of this rule, or modification of an air contaminant source, as defined by paragraph ~~(I)~~ (J) of this rule, such as a pilot plant or portable facility, which is subject to a written declaration by the operator to the director that the air contaminant source will cease operation, be relocated, or will obtain a permit to operate that includes the temporary operation within two years of the draft of declaration.

~~(Q)~~ (R) "Ug/m<sup>3</sup>" means micrograms per cubic meter.

{R} (S) "Water pollutant" means any sewage, industrial waste, or other waste, as defined by section 6111.01 of the Revised Code.

Effective Date: JUN 12 1989

Certification: *Richard L. Shaul*  
MAY 26 1989  
(Date)

Promulgated Under: R.C. 119  
Rule Amplifies: R.C. 3704.03, 3734.02,  
3734.06(A), 6111.03  
Prior Effective Date: 1/1/74, 8/12/82, 9/18/87  
11/17/88 (Emer.) 3/9/89 (Emer.)

(A) PERMIT TO INSTALL.

Except as provided in rule 3745-31-03 of the Administrative Code, no person shall cause, permit, or allow the installation of a new source of air pollutants or a new disposal system as defined in division (G) of section 6111.01 of the Revised Code, or cause, permit, or allow the modification of an air contaminant source or a disposal system, or establish or modify a solid waste disposal facility, without first obtaining a permit to install from the director. With regard to disposal systems as defined in division (G) of section 6111.01 of the Revised Code, application for a permit to install shall include plans for the disposal system, and issuance of a permit to install shall constitute approval of plans for the disposal system pursuant to sections 6111.44 and 6111.45 of the Revised Code.

(B) No person shall establish a garbage disposal plant, shop, factory, mill, industrial establishment, process, trade, or business, in the operation of which an industrial waste is produced, or make a change therein or enlargement thereof whereby an industrial waste is produced or materially increased or changed in character, without first obtaining approval of plans for disposal of such wastes from the director. No person shall begin construction or installation of a public water system, until plans therefore have been approved by the director.

(G)(B) LAND APPLICATION OF SLUDGE.

In the case of land application of sludge, no person shall cause, permit, or allow sludge to be applied to land without first submitting and obtaining approval of detail plans from the director. Any plan approval issued for land application of sludge shall specifically describe the type, character, and composition of such sludge and shall specifically designate the method, terms and conditions of its application.

(D)(C) The director may, in his discretion, issue an order requiring any person planning to install or modify, or in the process of installing or modifying, any air contaminant source and/or source DISPOSAL SYSTEM as these terms are defined in paragraphs (D) and (G) of rule 3745-31-01 of the Administrative Code, which are otherwise exempted, to obtain a permit to install or plan approval, before proceeding with installation or modification, if in the director's judgment, operation of the air contaminant source and/or source DISPOSAL SYSTEM after installation modification might result in a violation of the criteria established in paragraph (A) of rule 3745-31-05 of the Administrative Code.

(E)(D) The director may, in his discretion or where required to do so by federal laws or regulations, issue a single permit to install or plan approval having application to all pollutants of any kind

emanating from any AIR CONTAMINANT SOURCE, DISPOSAL SYSTEM, OR SOLID WASTE DISPOSAL facility, or issue a single permit to install or plan approval having applicability to more than one source or AIR CONTAMINANT SOURCE, DISPOSAL SYSTEM OR SOLID WASTE DISPOSAL facility, controlled by a common owner or operator, located in the same county.

Effective: SEP 18 1987

CERTIFICATION *Robert Shank*  
AUG 6 1987  
Date

Promulgated under: R.C. 119  
Rule amplifies: R.C. 3704.03, 3734.02,  
3734.05, 6111.03  
Prior effective date: 1/1/74, 8/15/82

3745-31-03 PERMIT TO INSTALL EXEMPTIONS.

(A) A PERMIT TO INSTALL AS REQUIRED BY RULE 3745-31-02 OF THE ADMINISTRATIVE CODE MUST BE OBTAINED FOR THE INSTALLATION OR MODIFICATION OF:

(1) A NEW AIR CONTAMINANT SOURCE OTHER THAN:

- (a) FUEL-FIRED BOILERS, FURNACES, PREHEATERS OR WATER HEATERS LESS THAN ONE MILLION BRITISH THERMAL UNITS PER HOUR EXCEPT UNITS BURNING HAZARDOUS WASTE FUELS OR WASTE OIL.
- (b) TUMBLERS USED FOR THE CLEANING OR DEBURRING OF METAL PRODUCTS WITHOUT ABRASIVE BLASTING.
- (c) EQUIPMENT USED EXCLUSIVELY FOR THE PACKAGING OF LUBRICANTS OR GREASES.
- (d) EQUIPMENT USED EXCLUSIVELY FOR THE MIXING AND BLENDING OF MATERIALS AT AMBIENT TEMPERATURE TO MAKE WATER-BASED ADHESIVES.
- (e) BAKERY OVENS, MIXERS AND BLENDERS AND DEEP FAT FRYERS (EXCEPT DEEP FAT FRYERS USED TO PRODUCE POTATO CHIPS) WHERE THE PRODUCTS ARE EDIBLE AND INTENDED FOR HUMAN CONSUMPTION.
- (f) LABORATORY EQUIPMENT USED EXCLUSIVELY FOR CHEMICAL OR PHYSICAL ANALYSES AND BENCH SCALE LABORATORY EQUIPMENT.
- (g) PHOTOGRAPHIC PROCESS EQUIPMENT BY WHICH AN IMAGE IS REPRODUCED UPON MATERIAL SENSITIZED TO RADIANT ENERGY.
- (h) EQUIPMENT USED FOR COMPRESSION AND INJECTION MOLDING OF PLASTICS (WITH THE EXCEPTION WHERE THE EQUIPMENT REQUIRES AN OUTSIDE SOURCE OF HEAT THAT EITHER LIQUIFIES THE PLASTIC OR CAUSES SUBLIMATION OF PREVIOUS SOLID PLASTIC MATERIAL OR THE EQUIPMENT REQUIRES THE USE OF ORGANIC COMPOUNDS AS MOLD RELEASE AGENTS).
- (i) STORAGE TANKS FOR WATER, AQUEOUS SOLUTIONS, AND INORGANIC LIQUIDS (AT STANDARD TEMPERATURE AND PRESSURE) EXCEPT CONCENTRATED ACIDS STORED IN TANKS OF GREATER THAN SEVEN THOUSAND FIVE HUNDRED GALLONS.
- (j) PRESSES USED FOR THE CURING OF PLASTIC PRODUCTS (WITH THE EXCEPTION OF PRESSES WHERE EXTERNAL HEAT IS INTRODUCED WHICH EITHER LIQUIFIES OR CAUSES SUBLIMATION OF PREVIOUS SOLID PLASTIC MATERIAL).

- (k) PRESSES USED EXCLUSIVELY FOR EXTRUDING CLAY.
- (l) STORAGE TANKS, STORAGE SILOS, AND OTHER FARM EQUIPMENT LOCATED ON A FARM AND UTILIZED EXCLUSIVELY FOR THE PRODUCTION OF FOOD OR GRAIN ON THE PREMISES.
- (m) A TEMPORARY SOURCE WHICH, AS SO ORDERED BY THE DIRECTOR AT HIS DISCRETION, IS TO BE OPERATED FOR THE PURPOSE OF TESTING AIR CONTAMINANT POLLUTION EMISSIONS SO THAT A SUITABLE CONTROL TECHNOLOGY CAN BE ASCERTAINED.
- (n) THE RELOCATION OF ANY PORTABLE OR MOBILE FACILITY IN THE STATE OF OHIO WHICH MEETS THE FOLLOWING CRITERIA:
  - (i) THE SOURCE IS EQUIPPED WITH THE BEST AVAILABLE CONTROL TECHNOLOGY FOR SUCH SOURCE; AND
  - (ii) THE SOURCE IS OPERATING PURSUANT TO A CURRENTLY EFFECTIVE PERMIT TO OPERATE; AND
  - (iii) THE APPLICANT HAS PROVIDED PROPER NOTICE OF INTENT TO RELOCATE THE SOURCE TO THE DIRECTOR WITHIN A MINIMUM OF THIRTY DAYS PRIOR TO THE SCHEDULED RELOCATION; AND
  - (iv) IN THE DIRECTOR'S JUDGMENT, THE PROPOSED SITE IS ACCEPTABLE UNDER RULE 3745-15-07 OF THE ADMINISTRATIVE CODE.
- (o) A DRYCLEANING FACILITY CONSTRUCTED BETWEEN JANUARY 1, 1974 AND DECEMBER 31, 1981 IN WHICH THE ANNUAL AMOUNTS OF FABRIC DRYCLEANED WITH PERCHLOROETHYLENE IS LESS THAN SIXTY THOUSAND POUNDS AND IS NOT LOCATED IN BUTLER, CLERMONT, CUYAHOGA, FRANKLIN, GREENE, HAMILTON, LAKE, LORAIN, LUCAS, MAHONING, MEDINA, MONTGOMERY, FORTAGE, STARK, SUMMIT, TRUMBULL, WARREN AND WOOD COUNTIES.
- (p) NONCONTINUOUS SOLVENT RECYCLING UNITS WITH LESS THAN TWENTY GALLONS CAPACITY.
- (q) NONHEAT-SET OR SHEET-FED PRESSES WITH MAXIMUM POTENTIAL ORGANIC COMPOUNDS EMISSIONS OF LESS THAN THREE TONS PER YEAR.
- (r) AN INCINERATOR DESIGNED AND USED TO DISPOSE OF RESIDENTIAL WASTES AND HAVING A CAPACITY FOR SERVING NO MORE THAN FIVE HOUSEHOLDS.

- (e) EQUIPMENT USED FOR SPRAYING OR APPLYING INSECTICIDES, PESTICIDES AND HERBICIDES EXCEPT AT FACILITIES PRODUCING THESE SUBSTANCES OR MIXTURES FOR SALE OR DISTRIBUTION.
  - (t) STORAGE OF ORGANIC OR INORGANIC MATERIALS IN TANKS OF LESS THAN FIVE HUNDRED GALLONS CAPACITY.
  - (u) COMBUSTORS USED EXCLUSIVELY FOR THE PURPOSE OF RESEARCH AND DEVELOPMENT OF MORE EFFICIENT COMBUSTION OF COAL OR MORE EFFECTIVE PREVENTION OF AIR POLLUTANT EMISSIONS FROM COAL COMBUSTION, LESS THAN TEN MILLION BRITISH THERMAL UNITS PER HOUR AND AN ANNUAL AVERAGE CAPACITY FACTOR OF NOT MORE THAN TWENTY PER CENT.
- (2) THE DIRECTOR MAY, AT HIS DISCRETION, EXEMPT THE INSTALLATION OF AN AIR CONTAMINANT SOURCE OR ANY OTHER SOURCE ASSOCIATED WITH THE CLEAN-UP OF A SPILL OR A LEAKING UNDERGROUND STORAGE TANK FROM THE REQUIREMENTS TO OBTAIN A PERMIT TO INSTALL.
  - (3) THE DIRECTOR MAY, AT HIS DISCRETION, EXEMPT THE INSTALLATION OF AN AIR CONTAMINANT SOURCE FROM THE REQUIREMENTS TO OBTAIN A PERMIT TO INSTALL TO DEAL WITH AN EMERGENCY SITUATION INVOLVING IMMEDIATE THREATS TO HUMAN HEALTH, PROPERTY OR THE ENVIRONMENT.
  - (4) THE DIRECTOR MAY, AT HIS DISCRETION, EXEMPT THE INSTALLATION OF AN AIR CONTAMINANT SOURCE FROM THE REQUIREMENTS TO OBTAIN A PERMIT TO INSTALL FOR THE EMERGENCY REPLACEMENT OF STORAGE TANKS ASSOCIATED WITH A LEAKING UNDERGROUND STORAGE TANK FOR A PERIOD NOT TO EXCEED SIX MONTHS.
  - (5) THE DIRECTOR MAY, AT HIS DISCRETION AND IN WRITING, EXEMPT THE INSTALLATION OR MODIFICATION OF AN AIR CONTAMINANT SOURCE FROM THE REQUIREMENTS TO OBTAIN A PERMIT TO INSTALL FOR A PERIOD OF UP TO SIX MONTHS FOR PURPOSES OF RESEARCH AND DEVELOPMENT OF MORE EFFECTIVE PREVENTION OR CONTROL OF AIR POLLUTANT EMISSIONS OR OF MORE EFFICIENT COMBUSTION OF COAL.
- (B) NO PERMIT TO INSTALL OR PLAN APPROVAL, WHICHEVER IS APPLICABLE, IS REQUIRED FOR THE MODIFICATION OR A DISPOSAL SYSTEM IF:
- (1) AFTER MODIFICATION, THE DISPOSAL SYSTEM WILL BE A TYPE THAT COULD HAVE BEEN INSTALLED WITHOUT A PERMIT TO INSTALL OR A PLAN APPROVAL; OR

- (2) THE RESULT OF THE MODIFICATION ON ENVIRONMENTAL QUALITY IS SO SLIGHT THAT THE DIRECTOR HAS, BY RULE, EXEMPTED THE MODIFICATION FROM THE REQUIREMENTS OF RULE 3745-31-02 OF THE ADMINISTRATIVE CODE.
- (C) THIS RULE SHALL NOT EXEMPT ANY PERSON FROM COMPLIANCE WITH ANY OTHER APPLICABLE LAW.

Replaces: 3745-31-03

Effective: AUG 14 1989

Certification:

  
Richard C. Shank, Ph.D., Director  
Ohio Environmental Protection Agency

JUL 31 1989

Date

Promulgated under: R.C. Chapter 119  
Rule amplifies: R.C. 3704.03, 3734.02,  
3745.05, 6111.03  
Prior effective date: 1/1/74, 8/15/82, 9/18/87

3745-31-04 Applications.

- (A) Applications for both permits to install and plan approvals required by rule 3745-31-02 of the Administrative Code shall contain such information as the director deems necessary TO DETERMINE WHETHER THE CRITERIA OF RULE 3745-31-05 OF THE ADMINISTRATIVE CODE ARE MET and shall be made on forms prepared by the Ohio EPA.
- (B) Applications for both permits to install and plan approvals shall be signed:
- (1) In the case of a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility;
  - (2) In the case of a partnership, by a general partner;
  - (3) In the case of sole proprietorship, by the proprietor; and
  - (4) In the case of a municipal, state, federal or other governmental facility, by the principal executive officer, the ranking elected official, or other duly authorized employee.
- (C) In the case of plan approval for the land application of sludge, the application shall be signed by either the president, vice-president, or highest ranking corporate officer with offices located in the state, or the owner of the entity planning to apply the sludge, and the highest elected official of the municipality from which the sludge is generated.
- (D) The signatures shall constitute personal affirmation that all statements or assertions of fact made in the application are true and complete, comply fully with applicable state requirements, and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements.

Effective: SEP 18 1987

CERTIFICATION *Richard H. Shank*  
AUG 6 1987  
Date

Promulgated under: R.C. 119  
Rule amplifies: R.C. 3704.03, 3734.02,  
3734.05, 6111.03  
Prior effective date: 1/1/74, 8/15/82

3745-31-05 Criteria for decision by the director.

- (A) The director shall issue a permit to install or a plan approval, on the basis of the information appearing in the application, or information gathered by or furnished to the Ohio environmental protection agency, or both, if he determines that the installation or modification and operation of the air contaminant source, solid waste disposal facility, water pollution source, disposal system, land application of sludge, or public water system will:
- (1) Not prevent or interfere with the attainment or maintenance of applicable ambient water quality standards or ambient air quality standards; and
  - (2) Not result in a violation of any applicable laws, including but not limited to:
    - (a) Effluent standards adopted by the director or the administrator of the United States environmental protection agency;
    - (b) Emission standards adopted by the Ohio EPA;
    - (c) Federal standards of performance for new stationary sources adopted by the administrator of the United States environmental protection agency pursuant to section 111 of the Clean Air Act and the regulations promulgated thereunder;
    - (d) Requirements regarding non-attainment areas, as defined in section 171 et seq. of the Clean Air Act and the regulations promulgated thereunder including:
      - (i) Section 173 of the Clean Air Act and the regulations promulgated thereunder;

- (ii) The emission offset policy, designated as "Appendix S," as promulgated at 51.18 Code of Federal Regulations;
  - (iii) Section 172(b)(ii)(A) of the Clean Air Act, which must be satisfied in the case of affected sources of organic compounds and carbon monoxide, which are planning to locate in those counties that require an extension beyond December 31, 1982, to achieve the "National Ambient Air Quality Standards."
  - (e) "National Emission Standards for Hazardous Air Pollutants" adopted by the administrator of the United States environmental protection agency pursuant to section 112 of the Clean Air Act and the regulations promulgated thereunder;
  - (f) Requirements regarding prevention of significant deterioration, as defined in section 160 et seq. of the Clean Air Act and the regulations promulgated thereunder;
  - (3) Employ the best available technology, except when the only requirement to obtain a permit to install is due to a modification as described in paragraph ~~(F)~~ (J) (1) (b) of rule 3745-31-01 of the Administrative Code.
- (B) IN DETERMINING WHETHER TO GRANT OR DENY A CHANGE IN THE AUTHORIZED MAXIMUM DAILY WASTE RECEIPT FOR A SOLID WASTE DISPOSAL FACILITY, THE DIRECTOR SHALL REQUIRE THE OWNER OR OPERATOR TO DEMONSTRATE THAT THE SOLID WASTE FACILITY CAN OPERATE IN COMPLIANCE WITH ALL APPLICABLE SOLID WASTE REGULATIONS WHILE RECEIVING THE REQUESTED MAXIMUM DAILY WASTE

- (A) A permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification.
- (B) A plan approval shall terminate within eighteen months of the effective date of the plan approval or within six months of approval of detail plans, whichever is later, if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification.
- (C) The director may modify a permit to install or plan approval to extend these dates of expiration by up to twelve months if the applicant submits, within a reasonable time before the termination date, an application for modification, containing information that, in the judgement JUDGMENT of the director, adequately justifies an extension of time. No appeal taken from denial of extension of an expiration date shall prevent termination of a permit during the period between denial of extension and final disposition of the appeal UNLESS PROHIBITED BY ANY COURT OR ADMINISTRATIVE BODY HAVING JURISDICTION OVER THE MATTER.

SEP 18 1987

Effective: \_\_\_\_\_

CERTIFICATION

Richard H. She

AUG 6 1987

Date

Promulgated under: R.C. 119  
 Rule amplifies: R.C. 3704.03, 3734.02,  
 3734.05, 6111.03  
 Prior effective date: 1/1/74, 8/15/82

3745-31-07 Revocation.

The director may revoke a permit to install or plan approval, if he concludes at any time that any applicable laws have been or are likely to be violated.

Effective: August 15, 1982

Promulgated under: R.C. 119  
Rule amplifies: R.C. 3704.03, 3734.02,  
3734.05, 6111.03  
Prior effective date: 1/1/74

3745-31-08

Procedure for decision by director.

A permit to install or plan approval, shall be issued, modified, revoked, or denied and may be challenged in accordance with the provisions of the rules of procedure of the Ohio environmental protection agency, Chapter 3745-47 of the Administrative Code.

Effective: August 15, 1982

Promulgated under: R.C. 119  
Rule amplifies: R.C. 3704.03, 3734.02,  
3734.05, 6111.03  
Prior effective date: 1/1/74

FOR OFFICE USE ONLY: CHECK APPROPRIATE BOX

- Air Discharge
- Water Discharge to New Source Treatment Works
- Solid Waste Disposal Facility
- Hazardous Waste Disposal Facility

FOR OFFICE USE ONLY

PTI Application No. \_\_\_\_\_  
 Date Received \_\_\_\_\_  
 Premise No. \_\_\_\_\_

OHIO ENVIRONMENTAL PROTECTION AGENCY  
 APPLICATION FOR PERMIT TO INSTALL

Applicant's Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ County \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Telephone Number \_\_\_\_\_

Person to contact (Name and Title and Telephone Number) \_\_\_\_\_

Location of Proposed Facility (specific street and number, ie. 555 E. Montroe St.) \_\_\_\_\_

City or Township \_\_\_\_\_ County \_\_\_\_\_ Zip Code \_\_\_\_\_ Standard Industrial Classification Code \_\_\_\_\_

Directions: A Permit to Install is required for new or modified source of pollution under the provisions of OAC Rule 3745-31. An application cannot be considered complete unless all applicable questions are answered and the required information has been submitted. This application must be signed in accordance with OAC Rule 3745-31-04(B) or it cannot be accepted.

Applications for permits involving air emissions or wastewater treatment facilities will be required to pay a permit to install fee as shown in Section 3745.11(B) and (C) of the Ohio Revised Code. This fee is payable thirty days after the date of final issuance of the permit.

Name of new or modified source or facility: \_\_\_\_\_

Product of new or modified source/facility: \_\_\_\_\_

Will the proposed source/facility involve any of the following: Check all that apply.

- A.  Air Discharge
- B.  Wastewater Treatment Works
- C.  Solid Waste Disposal Facility
- D.  Hazardous Waste Disposal Facility

Do you wish to request permit to install registration status via OAC 3745-31-05(E)?

\_\_\_\_\_ yes \_\_\_\_\_ no



FOR OFFICIAL USE ONLY

Premises No. \_\_\_\_\_  
Source No. \_\_\_\_\_

APPENDIX A - PROCESS

FILL IN ALL BLANKS ON THIS FORM - SEE ATTACHED INSTRUCTIONS

PROCESS DATA

1. Name of process \_\_\_\_\_
  2. End product of this process \_\_\_\_\_
  3. Primary process equipment \_\_\_\_\_  
Your identification \_\_\_\_\_ Year Installed \_\_\_\_\_
  4. Manufacturer \_\_\_\_\_ Make or Model \_\_\_\_\_
  5. Capacity of equipment in pounds per hour Rated \_\_\_\_\_ Max \_\_\_\_\_
  6. Method of exhaust ventilation \_\_\_\_\_ Stack \_\_\_\_\_ Window fan \_\_\_\_\_  
\_\_\_\_\_ Roof vent \_\_\_\_\_ Other, describe \_\_\_\_\_
- Are there multiple exhausts? \_\_\_\_\_ Yes \_\_\_\_\_ No

OPERATING DATA

7. Normal operating schedule \_\_\_\_\_ hours/day \_\_\_\_\_ days/week \_\_\_\_\_ weeks/year
8. Percent annual production (finished units) by season  
Spring \_\_\_\_\_ Summer \_\_\_\_\_ Fall \_\_\_\_\_ Winter \_\_\_\_\_
9. Production rate in pounds per hour Average \_\_\_\_\_ Maximum \_\_\_\_\_
10. Annual production (specify units) \_\_\_\_\_  
Projected percent annual increase in production \_\_\_\_\_
11. Type of operation \_\_\_\_\_ Continuous \_\_\_\_\_ Batch
12. If batch, Minutes per Cycle \_\_\_\_\_ Minutes between Cycles \_\_\_\_\_
13. Materials used in process

List of Raw Materials	Principal Use	Amounts in lb/hr

14. A PROCESS FLOW DIAGRAM MUST BE INCLUDED WITH THIS APPENDIX. Show entry and exit points of all raw materials, intermediate products, by-products, and finished products. Label all materials including airborne contaminants and other waste materials. Label the process equipment and control equipment.

**CONTROL EQUIPMENT**

**15. Control equipment data**

	Primary Collector	Secondary Collector
Type (see codes below)		
Manufacturer		
Model number		
Year installed		
Your identification		
Pollutant controlled		
Controlled pollutant emission rate		
Pressure drop		
Design efficiency		
Operating efficiency		

**Control Equipment Codes**

- |                                |                          |                           |
|--------------------------------|--------------------------|---------------------------|
| (A) settling chamber           | (G) cyclonic scrubber    | (M) adsorber              |
| (B) cyclone                    | (H) impingement scrubber | (N) condenser             |
| (C) multiple cyclone           | (I) orifice scrubber     | (O) catalytic oxidizer    |
| (D) electrostatic precipitator | (J) venturi scrubber     | (P) thermal oxidizer      |
| (E) fabric filter              | (K) plate or tray tower  | (Q) other, describe _____ |
| (F) spray chamber              | (L) packed tower         |                           |

**STACK AND BUILDING DATA**

16. Your stack identification \_\_\_\_\_
17. Are other sources vented to this stack?  Yes  No  
If yes, identify sources \_\_\_\_\_
18. Stack type  Round, inside diameter \_\_\_\_\_  
 Rectangular, inside dimensions (L) \_\_\_\_\_ x (W) \_\_\_\_\_
19. Stack height Above roof \_\_\_\_\_ ft. Above ground \_\_\_\_\_ ft.
20. Stack exit gas Temp \_\_\_\_\_ °F Flow rate \_\_\_\_\_ ACFM  
Velocity \_\_\_\_\_ ft/min
21. Continuous monitoring equipment?  Yes  No  
If yes, indicate Type \_\_\_\_\_ Manufacturer \_\_\_\_\_  
Make or model \_\_\_\_\_ Pollutant(s) monitored \_\_\_\_\_
22. Emissions from this source have been determined and such data is included with this appendix?  Yes  No  
If yes, indicate method  Stack test  Emission factor  
 Material balance
23. Building dimensions Minimum horizontal dimension \_\_\_\_\_ ft  
Maximum horizontal dimension \_\_\_\_\_ ft  
Building height \_\_\_\_\_ ft

Include sketch of building

Completed by \_\_\_\_\_ Date \_\_\_\_\_

## INSTRUCTIONS FOR APPENDIX A - PROCESS

Appendix A is a general appendix and should be completed for a source operation for which there is no specific appendix. Refer to the listing of appendices in the instructions to the Permit to Operate/Variance application to determine if another one applies (for example, Appendix B - Fuel Burning Equipment, Appendix C - Incinerator, Appendix D - Surface Coating or Printing Operation, Appendix E - Storage Tank/Loading Facility, or others).

Rule 3745-15-01 (X) of the Ohio Administrative Code defines a "source operation" as "...the last operation preceding emission which operation: (1) results in the separation of the air contaminant from the process materials or in the conversion of the process materials into air contaminants, as in the case of combustion fuel; and (2) is not an air pollution abatement operation."

General Instructions: Answer or complete all items. If the item does not apply to the source operation write in "not applicable" or "NA". If the answer is not known write in "not known" or "NK". The appendix form will be returned to you if all items are not completed or answered.

### Specific Instructions:

PROCESS DATA Questions 1 through 6 refer to general process information.

1. Complete the generally accepted name for the process (for example, salt batching, glass manufacturing, oil refining, electroplating, powdering, etc).
2. Specify the end product of this process (for example, asphaltic concrete, glassware, benzene, chrome plated bumpers, soaps, etc).
3. Name the specific process equipment along with the company's identifying name or code and the year it was or will be installed (for example, basic oxygen furnace - furnace #1 - 1965).
4. Name the manufacturer and model number (if any) of the process equipment identified in question 3.
5. State the rated (normal) and maximum capacity in pounds per hour, of the process equipment. The capacity refers to the input capacity of materials entering the process equipment.
6. Indicate the method of exhaust ventilation and indicate if there are more than one exhaust.

OPERATING DATA Questions 7 through 14 refer to the operating information for the process equipment.

7. Complete the process equipment's normal operating schedule in hours per day, days per week, and week per year.

8. Complete the percent annual production by season for a year's production of finished units. The four seasons should total to 100% and include: Spring (March, April, May), Summer (June, July, August), Fall (September, October, November), Winter (December, January, February).

9. Specify the average and maximum hourly production rates in pounds. The average is the year's total production divided by the year's total

10. Specify the annual production for this process equipment and indicate the appropriate units (for example, 10,000 tons of steel, 150,000 barrels of benzene, etc). Estimate or project the expected annual increase in production.

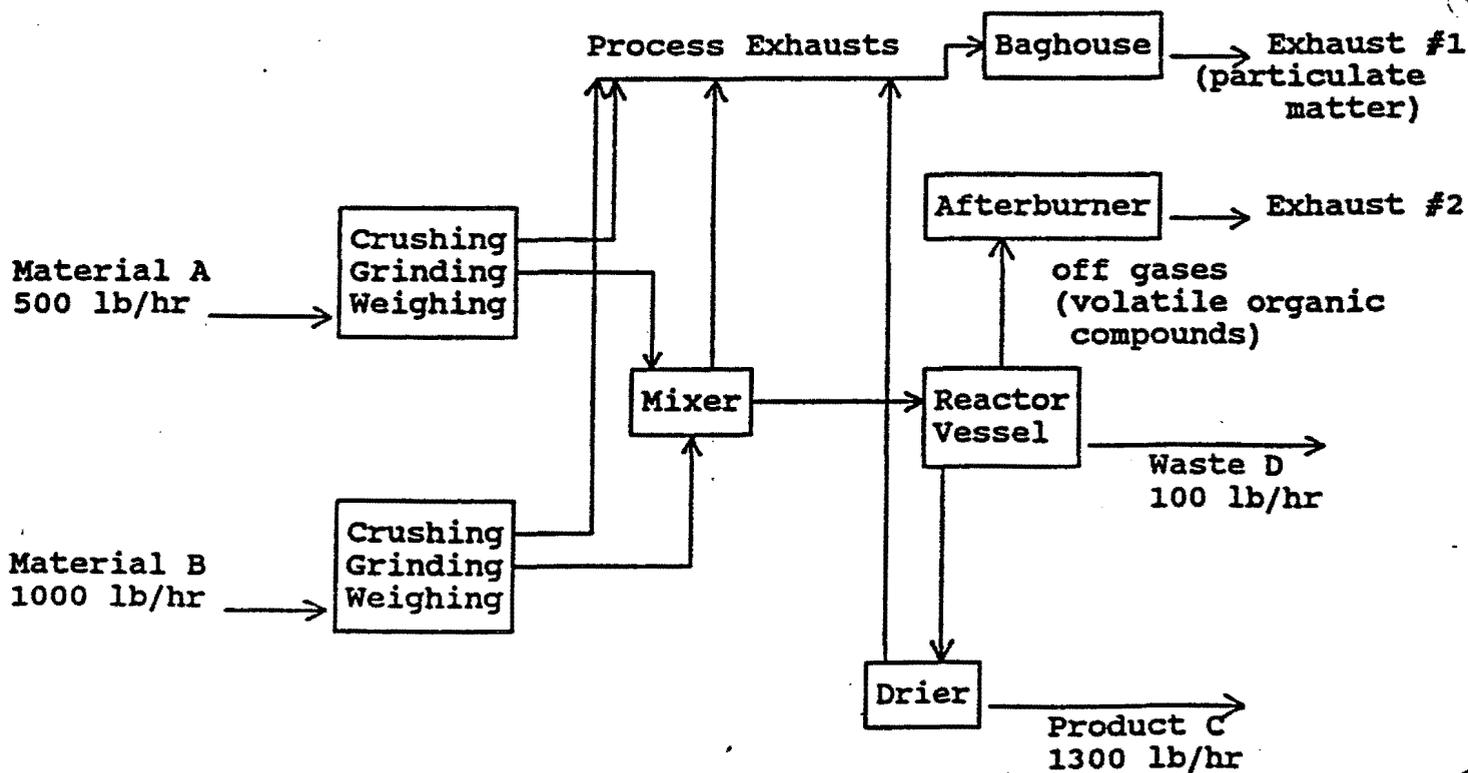
11 and 12. Indicate whether the process is continuous or batch. A batch operation normally has significant down time between completion and startup of each operation or cycle. If batch, complete the minutes per production cycle and minutes between the production cycles. A "cycle" refers to the time the equipment is in operation.

13. List all general types of raw materials employed in the process, indicate the principal use (that is, binder, catalyst, fuel, reagent, etc) and specify the normal amount used in pounds per hour. List any specific materials that contain lead, asbestos, beryllium, or mercury.

14. A process flow diagram must be included with the completed appendix and should be sketched on a separate sheet. The diagram should include:

- a. Entry and exit points of all raw materials, intermediate products, by-products, and finished products.
- b. Labels for all materials including wastes and air contaminants.
- c. Labels for all process equipment and control equipment.

Example process flow diagram -



CONTROL EQUIPMENT Question 15 refers to control equipment information.

15. Fill in all appropriate blanks in the table for any air pollution control device or equipment related to the process equipment of this appendix. The primary collector and secondary collector refer to separate control devices or equipment for collecting similar or different air pollutants. If there is a third collector, complete the same data for that collector on a separate sheet. Additional information (for example, drawings, design data, etc) may be attached to this appendix.

*Type* - Insert the control equipment code letter.

*Manufacturer* - Name the manufacturer of the control equipment.

*Model number* - Name the manufacturer's model number, if any.

*Year installed* - Fill in the year the control was or will be installed.

*Your identification* - Fill in the company's identifying name or number for the control device or equipment.

*Pollutant controlled* - Specify only the air contaminant controlled.

*Controlled pollutant emission rate* - Specify the controlled pollutant emission rate if known or measured, in pounds per hour or grains per dry standard cubic foot, or other appropriate units. Specify units.

*Pressure drop* - List the pressure drop across the collector in inches H<sub>2</sub>O.

*Design efficiency* - Specify the manufacturer's design collection or removal efficiency of the collector for the controlled pollutant.

*Operating efficiency* - Specify the actual operating collection or removal efficiency of the collector for the controlled pollutant. The operating efficiency is normally determined from a stack test.

STACK AND BUILDING DATA Questions 16 through 23 refer to information for the stack or exhaust of this process and the building on which it is mounted.

Indicate the company's identification for the stack or exhaust.

17. If other sources are vented to the same stack or exhaust indicate so and identify those sources.

18. Specify the inside dimensions of the stack or exhaust at the outlet to the atmosphere.

19. Specify the stack or exhaust outlet height in feet above the ground and above the building roof.

20. Indicate the stack gas temperature in degrees Fahrenheit, the stack gas volumetric flow rate in actual cubic feet per minute, and the stack gas velocity in feet per minute. Use average values if necessary.

21. Indicate if the stack or exhaust is equipped with air pollution monitoring equipment and if so specify the type, manufacturer, make or model, and the pollutant or pollutants monitored.

22. If air pollution emissions for this process have been determined and the data and calculations are attached to this appendix indicate so and check the method of determination (that is, stack test, emission factor, or material balance). The stack test may be from either this reported process or a similar one located elsewhere. The emission factor calculation should include a reference to the process emission factor and data relative to the collection or removal efficiency of any control equipment. The material balance method should include measurement methods and a flow diagram.

23. Indicate building dimensions for the building on which the stack or exhaust is located. This is required for computer modeling of air contaminant emissions.

THE FOLLOWING INFORMATION MUST BE SUBMITTED ON A SEPARATE PIECE OF PAPER AND ATTACHED TO THIS APPLICATION.

ALL PERMITS TO INSTALL

1. Describe the product or service to be produced by the applicant along with a description of the proposed source/facility.
2. List the name and quantity of all materials and chemicals (solid, liquid, or gaseous) that will be used or produced by the source/facility.
3. State the reason for the application. Is this a new installation, modification to an existing source/facility, reconstruction of an existing source/facility, or startup of a source/facility that has been permanently shutdown for \_\_\_\_\_ year?
4. Has a previous Ohio EPA application or plan submission been filed for this source/facility? If so, state the date and type of the application previously submitted.
5. Will the proposed source/facility comply with all rules, laws, and regulations of Ohio EPA and U.S. EPA?

FOR AIR POLLUTION SOURCES

6. State the amount of each air contaminant (actual emissions) from each source in pounds per hour and tons per year at maximum and average conditions.
- Are the proposed sources required to comply with the following federal requirements?
- i. New Source Performance Standards (NSPS)
  - ii. National Emission Standards for Hazardous Air Pollutants (NESHAPS)
  - iii. Prevention of Significant Deterioration (PSD)
  - iv. Appendix "S" - Emission Offset Policy
8. Will the proposed sources employ best available technology?
  9. Will the proposed sources cause the significant degradation of air quality?
  10. Will the proposed sources interfere with the attainment and maintenance of the ambient air quality standards?
  11. Describe any source monitoring, emission monitoring, or control equipment monitoring devices to be installed by the applicant.
  12. Will the proposed sources involve the use of asbestos, benzene, beryllium, mercury, or vinyl chloride?
  13. Complete and attach an anticipated construction schedule for each proposed source.
  14. Please include the estimated cost of any air pollution control equipment to be installed on the proposed sources.
- An appendix for each air contaminant source must accompany this application. From the following description of the appendices, determine which should accompany your application.

OHIO ENVIRONMENTAL PROTECTION AGENCY

INSTALLATION SCHEDULE

THIS FORM CONSTITUTES PART OF THE APPLICATION OF:

FACILITY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

FOR A PERMIT TO INSTALL THE FOLLOWING AIR CONTAMINANT SOURCE:

IDENTIFICATION: \_\_\_\_\_

DESCRIPTION: \_\_\_\_\_

\_\_\_\_\_

THE INSTALLATION OF THE ABOVE AIR CONTAMINANT SOURCE IS PLANNED TO FOLLOW THE TIME SCHEDULE DESCRIBED BELOW:

	<u>DATE</u>
1. EQUIPMENT ORDERED - - - - -	_____
2. COMMENCE CONSTRUCTION - - - - -	_____
3. STARTUP - - - - -	_____
4. PERFORMANCE TESTING - - - - -	_____

Note: If this source has already been installed then you must still fill out this form using the actual dates the above events occurred.

Appendix A - Process: for sources not included in the other appendices.

Appendix B - Fuel-Burning Equipment: for any furnace, boiler, apparatus, and all appurtenances thereto, used in the process of burning fuel with the primary purposes of producing heat or power by indirect heat transfer.

Appendix C - Incinerator: for any equipment, machine, device, article, contrivance, structure or part of a structure used to burn refuse or to process refuse material by burning other than by open burning.

Appendix D - Surface Coating or Printing Operation: for a surface coating operation not included under Appendix K or for a printing operation.

Appendix E - Storage Tank: a storage tank for petroleum liquids.

Appendix H - Gasoline Dispensing Facility: any site where gasoline is dispensed to motor vehicle gasoline tanks from stationary storage tanks.

Appendix J - Loading Rack at a Bulk Gasoline Plant or Terminal: an operation for transferring gasoline to a delivery vessel.

Appendix K - Surface coating line: a coating line consists of one or more coating applicators, flash-off areas or ovens to be used for the following: an automobile or light-duty truck assembly plant; can manufacturing; coil-coating; fabric coating; large appliance coating; magnet wire coating; metal furniture coating; paper coating; vinyl coating.

Appendix L - Solvent Metal Cleaning: an operation employing solvent for cleaning metal surfaces; wipe-cleaning is excluded.

Appendix M - Fugitive Dust Emission Sources (See List Below)

Appendix O - Dry Cleaning Facility

Appendix P - Landfill

General:

M1-1 - Plant Roadways and Parking Areas	M13 - Cement Manufacturing & Blending Plans
M1-2 - Aggregate Storage Piles	M14 - Ferroalloy Production
M1-3 - Material Handling	M15 - Metal Salvage Operations
M1-4 - Mineral Extraction	M16 - Pulp and Paper Mills

Iron and Steel Mills:

M2-1 - Coke Manufacturing	M17 - Woodworking Operations
M2-2 - Iron Production	M18 - Aggregates Processing Plants
M2-3 - Steel Manufacture	M19 - Coal Processing Plants
M3 - Lime Plants	M20 - Brick & Related Clay Product Mfg. Plts.
M4 - Power Plants	M21 - Asphaltic Concrete Plants
M5 - Grain Terminals	M22 - Concrete Batching Plants
M6 - Country Grain Elevators	M23 - Sandblasting Operations
M7 - Gray Iron Foundries	M24 - Petroleum Refineries
M8 - Steel Foundries	M25 - Agricultural Chemical Mfg Plts.
M9 - Glass Manufacturing	M26 - Bulk Gasoline Terminals
M10 - Fiberglass Manufacturing	M27 - Carbon Black Plants
M11 - Secondary Aluminum Processing Plt	M28 - Municipal Incineration
M12 - Fertilizer Mixing/Blending Plants	M29 - Salt Processing Operations
	M30 - Galvanizing Plants

**FOR WASTEWATER DISCHARGES**

16. State the anticipated quality of all types of environmental pollutants to be discharged by the facility.
17. State in detail the method for disposal for all environmental pollutants listed in the question above. This should include a complete description of any control equipment to be employed.
18. If wastewater is to be discharged to a surface water, state the anticipated concentration (mg/l) and loading (lbs/day) in the discharge, and the effect this discharge will have on the surface water under critical conditions.
19. If wastewater is to be discharged to the groundwater, state the anticipated concentration (mg/l) and loading (lbs/day) in the wastewater, and the effect this wastewater will have on the groundwater.
20. If wastewater is to be discharged to a sewerage system, what will be the effect on the sewerage system and wastewater treatment system.
21. Describe any monitoring equipment to be installed at the facility.
22. Will the proposed source conform with area-wide waste management plans for wastewater treatment?
23. General plans for approval of the proposed source should be submitted to demonstrate compliance with OAC Rule 3745-31-05.
24. The following information should be included with the application (if applicable).
  - i. Appendix G. Extended Aeration Wastewater Treatment Facility Data Sheet
  - ii. Pump Station Data Sheet
  - iii. Sanitary Sewer Data Sheet
  - iv. Application for Approval of Plans for collection, treatment, and disposal of wastewater.

**FOR SOLID WASTE DISPOSAL FACILITIES**

25. State the anticipated quality of all types of environmental pollutants to be discharged by the facility.
26. State in detail the method for disposal for all environmental pollutants listed in the question above. This should include a complete description of any control equipment to be employed.
27. Describe any ground water or surface stream monitoring systems to be installed at the facility.
28. State the local zoning requirements.
29. Will the proposed source conform with area-wide waste management plans for solid waste?
30. An Appendix F - Solid Wastes Disposal Facility must be included with this application.