

33-15-14. Designated Air Contaminant Sources Permit to Construct Minor Source Permit to Operate Title V Permit to Operate

33-15-14-01. Designated air contaminant sources.

Pursuant to subsection 1 of North Dakota Century Code section 23-25-04, stationary sources within the following source categories are designated as air contaminant sources capable of causing or contributing to air pollution, either directly or indirectly.

1. The following chemical process facilities:
 - a. Adipic acid.
 - b. Ammonia.
 - c. Ammonium nitrate.
 - d. Carbon black.
 - e. Charcoal.
 - f. Chlorine.
 - g. Chlor-alkali manufacturing.
 - h. Detergent and soap.
 - i. Explosives (trinitrotoluene and nitrocellulose).
 - j. Hydrochloric acid.
 - k. Hydrofluoric acid.
 - l. Nitric acid.
 - m. Paint and varnish manufacturing.
 - n. Phosphoric acid.
 - o. Phthalic anhydride.
 - p. Plastics manufacturing.
 - q. Printing ink manufacturing.
 - r. Sodium carbonate.
 - s. Sulfur production and recovery.
 - t. Sulfuric acid.
 - u. Synthetic fibers.
 - v. Synthetic rubber.
 - w. Terephthalic acid.
 - x. Alcohol.
 - y. Cresylic acids.
 - z. Phenol
 - aa. Polymer manufacturing and coating operations.
2. The following food and agricultural facilities:
 - a. Agricultural drying and dehydrating operations.
 - b. Ammonium nitrate.
 - c. Cheese whey drying and processing.
 - d. Coffee roasting.
 - e. Cotton ginning.
 - f. Feed, grain, and seed handling and processing.
 - g. Fermentation processes.
 - h. Fertilizers.
 - i. Fishmeal processing.
 - j. Meat smokehouses.
 - k. Orchard heaters.
 - l. Potato processing.
 - m. Rendering plants.
 - n. Starch manufacturing.
 - o. Sugarbeet processing.

3. The following metallurgical facilities:

a. Primary metals facilities:

- (1) Aluminum ore reduction.
- (2) Copper smelters.
- (3) Ferroalloy production.
- (4) Iron and steel mills.
- (5) Lead smelters.
- (6) Metallurgical coke manufacturing.
- (7) Zinc.

b. Secondary metals facilities:

- (1) Aluminum operations.
- (2) Brass and bronze smelting.
- (3) Ferroalloys.
- (4) Ferrous foundries.
- (5) Gray iron foundries.
- (6) Lead smelting.
- (7) Magnesium smelting.
- (8) Nonferrous foundries.
- (9) Steel foundries.
- (10) Zinc processes.

c. Electrolytic plating operations.

4. The following mineral products facilities:

- a. Asphalt roofing.
- b. Asphaltic concrete plants.
- c. Bricks and related clay refractories.
- d. Calcium carbide.
- e. Ceramic and clay processes.
- f. Clay and fly ash sintering.
- g. Coal cleaning.
- h. Coal drying.
- i. Coal mining.
- j. Coal handling and processing.
- k. Concrete batching.
- l. Fiberglass manufacturing.
- m. Frit manufacturing.
- n. Glass manufacturing.
- o. Gypsum manufacturing.
- p. Leonardite mining, drying, and processing.
- q. Lime manufacturing.
- r. Mineral wool manufacturing.
- s. Paperboard manufacturing.
- t. Perlite manufacturing.
- u. Phosphate rock preparation.
- v. Portland cement manufacturing, bulk handling, and storage.
- w. Rock, stone, gravel, and sand quarrying and processing.
- x. Uranium mining, milling, and enrichment.
- y. Calciners and dryers.

5. The following energy and fuel facilities:

- a. Coal gasification.
- b. Coal liquefaction
- c. Crude oil and natural gas production.

- d. Fossil fuel steam electric plants.
- e. Fuel conversion plants.
- f. Natural gas processing.
- g. Petroleum refining and petrochemical operations.
- h. Petroleum storage (storage tanks and bulk terminals).
- 6. The following wood processing facilities:
 - a. Plywood veneer and layout operations.
 - b. Pulpboard manufacturing.
 - c. Wood pulping.
 - d. Sawmills.
 - e. Wood products manufacturing.
- 7. The following waste management units or facilities:
 - a. Afterburners.
 - b. Automobile body incinerators.
 - c. Conical burners.
 - d. Flares.
 - e. Gaseous and liquid organic compounds incinerators.
 - f. Industrial waste incinerators.
 - g. Open burning.
 - h. Open pit incinerators.
 - i. Infectious waste incinerators.
 - j. Refuse incinerators.
 - k. Salvage incinerators.
 - l. Sewage sludge incinerators.
 - m. Wood waste incinerators.
 - n. Municipal waste combustors.
- 8. The following miscellaneous facilities:
 - a. Dry cleaning and laundry operations.
 - b. Fuel burning equipment.
 - c. Internal combustion engines.
 - d. Surface coating operations.
 - e. Wastewater treatment plants.
 - f. Water cooling towers and water cooling ponds.
 - g. Stationary gas turbines.
 - h. Lead acid battery manufacturing.
 - i. Hydrocarbon contaminated soil remediation projects.
- 9. Any source for which an applicable federal standard of performance [40 CFR 60] has been adopted in chapter 33-15-12.
- 10. Any source for which an applicable emission standard for hazardous air [40 CFR 61] has been adopted in chapter 33-15-13.
- 11. Any source which is subject to review under federal prevention of significant deterioration of air quality regulations (40 CFR 51.166).
- 12. Any source which is determined by the department to cause or contribute to a violation of any state ambient air quality standard or violates the other provisions of chapter 33-15-02.
- 13. Any source subject to title V permitting requirements in section 33-15-14-06.
- 14. Any major source to which a national emission standard for hazardous air pollutants for source categories (40 CFR 63) would apply.
- 15. Other stationary sources subject to a standard or requirement under the Federal Clean Air Act as amended.

General Authority: NDCC 23-25-03, 23-25-04, 23-25-04.1

Law Implemented: NDCC 23-25-04, 23-25-04.1

33-15-14-01.1 Definitions.

For the purposes of this chapter:

1. "Complete" means, in reference to an application for a permit, that the application contains all the information necessary for processing the application. Designating an application complete for purposes of permit processing does not preclude the department from requesting or accepting any additional information.
2. "Construction, installation, or establishment" means:
 - a. For sources subject to a standard or requirement under chapters 33-15-13, 33-15-15 (excluding increment consumption by nonmajor sources), and 33-15-22, it shall have the meaning given for construction in each of the respective chapters.
 - b. For all other sources it means the placement or erection, including fabrication, demolition or modification, of an air contaminant emissions unit and any equipment, process, or structure that will be used to reduce, physically or chemically change, or transmit to the atmosphere any air contaminant. This does not include the building that houses the source, site work, foundations, or other equipment which does not affect the amount, ambient concentration or type of air contaminants that are emitted. With respect to a physical change or a change in the method of operation it means those onsite activities which will affect an existing emissions unit or establishment of a new unit that emits to the atmosphere.
3. "Emissions unit" has the meaning given to it in section 33-15-14-06.
4. "Minor source" means any designated air contaminant source under section 33-15-14-01 which is not required to obtain a title V permit to operate under section 33-15-14-06.
5. "Potential to emit" has the meaning given to it in section 33-15-14-06.
6. "Stationary source" has the meaning given to it in section 33-15-14-06.

General Authority: NDCC 23-25-03

Law Implemented: NDCC 23-25-03

33-15-14-02. Permit to construct.

1. Permit to construct required.

- a. No construction, installation, or establishment of a new stationary source within a source category designated in section 33-15-14-01 may be commenced unless the owner or operator thereof shall file an application for, and receive, a permit to construct in accordance with this chapter.
- b.
- c. General permits. The department may issue a general permit to construct covering numerous similar sources which are not subject to permitting requirements under chapter 33.1-15-13 or 33.1-15-15 or subpart B of section 33.1-15-22-03. Any general permit shall comply with all requirements applicable to other permits to construct and shall identify criteria by which sources may qualify for the general permit. A proposed general permit, any changes to a general permit, and any renewal of a general permit is subject to public comment. The public comment procedures under subsection 6 of section 33-15-14-02 shall be used. To sources that qualify, the department shall grant the conditions and terms of the general permit. Sources that would qualify for a general permit must apply to the department for coverage under the terms of the general permit or apply for an individual permit to construct. Without repeating the public participation procedures under subdivision b of subsection 6, the department may grant a source's request for authorization to construct under the general permit.

2. Application for permit to construct.

- a. Application for a permit to construct a new installation or source must be made by the owner or operator thereof on forms furnished by the department.
- b. A separate application is required for each new installation or source subject to this chapter.
- c. Each application must be signed by the applicant, which signature shall constitute an agreement that the applicant will assume responsibility for the construction or operation of the new installation or source in accordance with this article and will notify the department, in writing, of the startup of operation of such source.

3. **Alterations to source.**

- a. The addition to or enlargement of or replacement of or alteration in any stationary source, already existing, which is undertaken pursuant to an approved compliance schedule for the reduction of emissions therefrom, shall be exempt from the requirements of this section.
- b. Any physical change in, or change in the method of operation of, a stationary source already existing which increases or may increase the emission rate or increase the ambient concentration by an amount greater than that specified in subdivision a of subsection 5 of section 33-15-14-02 of any pollutant for which an ambient air quality standard has been promulgated under this article or which results in the emission of any such pollutant not previously emitted must be considered to be construction, installation, or establishment of a new source, except that:
 - (1) Routine maintenance, repair, and replacement may not be considered a physical change.
 - (2) The following may not be considered a change in the method of operation:

- (a) An increase in the production rate, if such increase does not exceed the operating design capacity of the source and it is not limited by a permit condition.
- (b) An increase in the hours of operation if it is not limited by a permit condition.
- (c) Changes from one operating scenario to another provided the alternative operating scenarios are identified and approved in a permit to operate.
- (d) Trading of emissions within a facility provided:
 - [1] These trades have been identified and approved in a permit to operate; and
 - [2] The total facility emissions do not exceed the facility emissions cap established in the permit to operate.
- (e) Trading and utilizing acid rain allowances provided compliance is maintained with all other applicable requirements.

c. Any owner or operator of a source who requests an increase in the allowable sulfur dioxide emission rate for the source pursuant to section 33-15-02-07 shall demonstrate through a dispersion modeling analysis that the revised allowable emissions will not cause or contribute to a violation of the national ambient air quality standards for sulfur oxides (sulfur dioxide) or the prevention of significant deterioration increments for sulfur dioxide. The owner or operator shall also demonstrate that the revised allowable emission rate will not violate any other requirement of this article or the Federal Clean Air Act. Requests for emission limit changes shall be subject to review by the public and the environmental protection agency in accordance with subsection 6.

4. Submission of plans - Deficiencies in application. As part of an application for a permit to construct, the department may require the submission of plans, specifications, siting information, emission information, descriptions and drawings showing the design of the installation or source, the manner in which it will be operated and controlled, the emissions expected from it, and the effects on ambient air quality. Any additional information, plans, specifications, evidence, or documentation that the department may require must be furnished upon request. Within twenty days of the receipt of the application, the department shall advise the owner or operator of the proposed source of any deficiencies in the application. In the event of a deficiency, the date of receipt of the application is the date upon which all requested information is received.

a. Determination of the effects on ambient air quality as may be required under this section must be based on the applicable requirements specified in the "Guideline on Air Quality Models (Revised)" (United States environmental protection agency, office of air quality planning and standards, Research Triangle Park, North Carolina 27711) as supplemented by the "North Dakota Guideline for Air Quality Modeling Analyses" (North Dakota state department of health, division of environmental engineering). These documents are incorporated by reference.

b. Where an air quality impact model specified in the documents incorporated by reference in subdivision a is inappropriate, the model may be modified or another model substituted provided:

(1) Any modified or nonguideline model must be subject to notice and opportunity for public comment under subsection 6.

(2) The applicant must provide to the department adequate information to evaluate the applicability of the modified or nonguideline model. Such information must include, but is not limited to, methods like those outlined in the "Interim Procedures for Evaluating Air Quality Models (Revised)" (United States environmental protection agency, office of air quality planning and standards, Research Triangle Park, North Carolina 27711).

(3) Written approval from the department must be obtained for any modification or substitution.

(4) Written approval from the United States environmental protection agency must be obtained for any modification or substitution prior to the granting of a permit under this chapter.

5. Review of application - Standard for granting permits to construct. The department shall review any plans, specifications, and other information submitted in application for a permit to construct and from such review shall, within thirty days of the receipt of the completed application, make the following preliminary determinations:

a. Whether the proposed project will be in accord with this article, including whether the operation of any new stationary source at the proposed location will cause or contribute to a violation of any applicable ambient air quality standard. A new stationary source will be considered to cause or contribute to a violation of an ambient air quality standard when such source would, at a minimum, exceed the following significance levels at any locality that does not or would not meet the applicable ambient standard:

Contaminant	Averaging Times (hours)				
	Annual (Fg/m3)	24 (Fg/m3)	8 (Fg/m3)	3 (Fg/m3)	1 (Fg/m3)
SO2	1	5		25	7.8
PM10		5			
NO2	1				7.5
CO			500		2000
PM2.5	0.3	1.2			

b. Whether the proposed project will provide all necessary and reasonable methods of emission control. Whenever a standard of performance is applicable to the source, compliance with this criterion will require provision for emission control which will, at least, satisfy such standards.

6. Public participation - Final action on application. This subsection shall apply only to those affected facilities designated under chapter 33-15-13, those that will be required to obtain a permit to operate under section 33-15-14-06, for sources which the department has determined to have a major impact on air quality, those for which a request for a public comment period has been received from the public, sources for which a significant degree of public interest exists regarding air quality issues, or those sources which desire a federally enforceable permit which limits their potential to emit. The department shall:

- a. Within ninety days of receipt of a complete application, make a preliminary determination concerning issuance of a permit to construct.
- b. Within ninety days of the receipt of the complete application, make available in at least one location in the county or counties in which the proposed project is to be located or on the department's website, a copy of its preliminary determinations and copies of or a summary of the information considered in making such preliminary determinations.
- c. Publish notice to the public by prominent advertisement, within ninety days of the receipt of the complete application, in the region affected, of the opportunity for written comment on the preliminary determinations. The public notice must include the proposed location of the source.
- d. Within ninety days of the receipt of the complete application, deliver a copy of the notice to the applicant and to officials and agencies having cognizance over the locations where the source will be situated as follows: The chief executive of the city and county; any comprehensive regional land use planning agency; and any state, federal land manager, or Indian governing body whose lands will be significantly affected by the source's emissions.
- e. Within ninety days of receipt of a complete application, provide a copy of the proposed permit and all information considered in the development of the permit and the public notice to the regional administrator of the United States environmental protection agency.
- f. Allow thirty days for public comment.
- g. Consider all public comments properly received, in making the final decision on the application.
- h. Allow the applicant to submit written responses to public comments received by the department. The applicant's responses must be submitted to the department within twenty days of the close of the public comment period.
- i. Take final action on the application within thirty days of the applicant's response to the public comments.
- j. Provide a copy of the final permit, if issued, to the applicant, the regional administrator of the United States environmental protection agency, and anyone who requests a copy.

For those sources subject to the requirements of chapter 33-15-15, the public participation procedures under subsection 5 of section 33-15-15-01 shall be followed.

7. **Denial of permit to construct.** If, after review of all information received, including public comment with respect to any proposed project, the department makes the determination of any one of subdivision a or b of subsection 5 in the negative, it shall deny the permit and notify the applicant, in writing, of the denial to issue a permit to construct.

If a permit to construct is denied, the construction, installation, or establishment of the new stationary source shall be unlawful. No permit to construct or modify may be granted if such construction, or modification, or installation, will result in a violation of this article.

8. **Issuance of permit to construct.** If, after review of all information received, including public comment with respect to any proposed project, the department makes the determination of subdivision a or b of subsection 5 in the affirmative, the department shall issue a permit to construct. The permit may provide for conditions of operation as provided in subsection 9.

9. **Permit to construct - Conditions.** The department may impose any reasonable conditions upon a permit to construct, including conditions concerning:

- a. Sampling, testing, and monitoring of the facilities or the ambient air or both.
- b. Trial operation and performance testing.
- c. Prevention and abatement of nuisance conditions caused by operation of the facility.
- d. Recordkeeping and reporting.
- e. Compliance with applicable rules and regulations in accordance with a compliance schedule.
- f. Limitation on hours of operation, production rate, processing rate or fuel usage when necessary to assure compliance with this article.

The violation of any conditions so imposed may result in revocation or suspension of the permit or other appropriate enforcement action.

10. **Scope.**

- a. The issuance of a permit to construct for any source does not affect the responsibility of an owner or operator to comply with applicable portions of a control strategy affecting the source.
- b. A permit to construct shall become invalid if construction is not commenced within eighteen months after receipt of such permit, if construction is discontinued for a period of eighteen months or more; or if construction is not completed within a reasonable time. The department may extend the eighteen-month period upon a satisfactory showing that an extension is justified. This provision does not apply to the time period between construction of the approved phases of a phased construction project; each phase must commence construction within eighteen months of the projected and approved commencement date. In cases of major construction projects involving long lead times and substantial financial commitments, the department may provide by a condition to the permit a time period greater than eighteen months when such time extension is supported by sufficient documentation by the applicant.

11. **Transfer of permit to construct.** To ensure the responsible owners or operators, or both, are identified, the holder of a permit to construct may not transfer such permit without prior approval of the department.

12. **[Reserved]**

13. **Exemptions.** A permit to construct is not required for the following stationary sources provided there is no federal requirement for a permit or approval for construction or operation.

- a. Maintenance, structural changes, or minor repair of process equipment, fuel burning equipment, control equipment, or incinerators which do not change capacity of such process equipment, fuel burning equipment, control equipment, or incinerators and which do not involve any change in the quality, nature, or quantity of emissions therefrom.

b. Fossil fuel burning equipment, other than smokehouse generators, which meet all of the following criteria:

- (1) The heat input per unit does not exceed ten million British thermal units per hour.
- (2) The total aggregate heat input from all equipment does not exceed ten million British thermal units per hour.

(3) The actual emissions, as defined in chapter 33-15-15, from all equipment do not exceed twenty-five tons [22.67 metric tons] per year of any air contaminant and the potential to emit any air contaminant for which an ambient air quality standard has been promulgated in chapter 33-15-02 is less than one hundred tons [90.68 metric tons] per year.

c.

(1) Any single internal combustion engine with less than five hundred brake horsepower, or multiple engines with a combined brake horsepower rating less than five hundred brake horsepower.

(2) Any single internal combustion engine with a maximum rating of less than one thousand brake horsepower, or multiple engines with a combined brake horsepower rating of less than one thousand brake horsepower, and which operates a total of five hundred hours or less in a rolling twelve-month period.

(3) Any internal combustion engine, or multiple engines at the same facility, with a total combined actual emission rate of five tons [4.54 metric tons] per year or less of any air contaminant for which an ambient air quality standard has been promulgated in section 33-15-02-04.

(4) The exemptions listed in paragraphs 1, 2, and 3 do not apply to engines that are a utility unit as defined in section 33-15-21-08.1 or are subject to a standard under chapter 33-15-22.

d. Bench scale laboratory equipment used exclusively for chemical or physical analysis or experimentation.

e. Portable brazing, soldering, or welding equipment.

f. The following equipment:

(1) Comfort air conditioners or comfort ventilating systems which are not designed and not intended to be used to remove emissions generated by or released from specific units or equipment.

(2) Water cooling towers and water cooling ponds unless used for evaporative cooling of process water, or for evaporative cooling of water from barometric jets or barometric condensers or used in conjunction with an installation requiring a permit.

(3) Equipment used exclusively for steam cleaning.

(4) Porcelain enameling furnaces or porcelain enameling drying ovens.

(5) Unheated solvent dispensing containers or unheated solvent rinsing containers of sixty gallons [227.12 liters] capacity or less.

(6) Equipment used for hydraulic or hydrostatic testing.

g. The following equipment or any exhaust system or collector serving exclusively such equipment:

(1) Blast cleaning equipment using a suspension of abrasive in water.

(2) Bakery ovens where the products are edible and intended for human consumption.

(3) Kilns for firing ceramic ware, heated exclusively by gaseous fuels, singly or in combinations, and electricity.

(4) Confection cookers where the products are edible and intended for human consumption.

(5) Drop hammers or hydraulic presses for forging or metal working.

(6) Diecasting machines.

(7) Photographic process equipment through which an image is reproduced upon material through the use of sensitized radiant energy.

(8) Equipment for drilling, carving, cutting, routing, turning, sawing, planing, spindle sanding, or disc sanding of wood or wood products, which is located within a facility that does not vent to the outside air.

(9) Equipment for surface preparation of metals by use of aqueous solutions, except for acid solutions.

(10) Equipment for washing or drying products fabricated from metal or glass; provided, that no volatile organic materials are used in the process and that no oil or solid fuel is burned.

(11) Laundry dryers, extractors, or tumblers for fabrics cleaned with only water solutions of bleach or detergents.

h. Natural draft hoods or natural draft ventilators.

i. Containers, reservoirs, or tanks used exclusively for:

(1) Dipping operations for coating objects with oils, waxes, or greases, where no organic solvents are used.

- (2) Dipping operations for applying coatings of natural or synthetic resins which contain no organic solvents.
- (3) Storage of butane, propane, or liquefied petroleum or natural gas.
- (4) Storage of lubricating oils.
- (5) Storage of petroleum liquids except those containers, reservoirs, or tanks subject to the air pollution control requirements of chapter 33-15-12. The owner or operator must still provide notification as required in section 33-15-12-02, subpart A.
- j. Gaseous fuel-fired or electrically heated furnaces for heat treating glass or metals, the use of which does not involve molten materials.
- k. Crucible furnaces, pot furnaces, or induction furnaces, with a capacity of one thousand pounds [453.59 kilograms] or less each, unless otherwise noted, in which no sweating or distilling is conducted, nor any fluxing conducted utilizing chloride, fluoride, or ammonium compounds, and from which only the following metals are poured or in which only the following metals are held in a molten state:
 - (1) Aluminum or any alloy containing over fifty percent aluminum; provided, that no gaseous chlorine compounds, chlorine, aluminum chloride, or aluminum fluoride are used.
 - (2) Magnesium or any alloy containing over fifty percent magnesium.
 - (3) Lead or any alloy containing over fifty percent lead, in a furnace with a capacity of five hundred fifty pounds [249.48 kilograms] or less.
 - (4) Tin or any alloy containing over fifty percent tin.
 - (5) Zinc or any alloy containing over fifty percent zinc.
 - (6) Copper.
 - (7) Precious metals.
- l. Open burning activities within the scope of section 33-15-04-02.
- m. Flares used to indicate some danger to the public.
- n. Sources or alterations to a source which are of minor significance as determined by the department.
- o. Oil and gas production facilities as defined in chapter 33-15-20 which are not a major source as defined in section 33-15-14-06.

14. Performance and emission testing.

- a. Emission tests or performance tests or both shall be conducted by the owner or operator of a facility and data reduced in accordance with the applicable procedure, limitations, standards, and test methods established by this article. Such tests must be conducted under the owner's or operator's permit to construct, and such permit is subject to the faithful completion of the test in accordance with this article.
- b. All dates and periods of trial operation for the purpose of performance or emission testing pursuant to a permit to construct must be approved in advance by the department. Trial operation shall cease if the department determines, on the basis of the test results, that continued operation will result in the violation of this article. Upon completion of any test conducted under a permit to construct, the department may order the cessation of the operation of the tested equipment or facility until such time as a permit to operate has been issued by the department.
- c. Upon review of the performance data resulting from any test, the department may require the installation of such additional control equipment as will bring the facility into compliance with this article.
- d. Nothing in this article may be construed to prevent the department from conducting any test upon its own initiative, or from requiring the owner or operator to conduct any test at such time as the department may determine.

15. Responsibility to comply.

- a. Possession of a permit to construct does not relieve any person of the responsibility to comply with this article.
- b. The exemption of any stationary source from the requirements of a permit to construct by reason of inclusion in subsection 13 does not relieve the owner or operator of such source of the responsibility to comply with any other applicable portions of this article.

16. **Portable sources.** Sources which are designated to be portable and which are not subject to the requirements of chapter 33-15-15 are exempt from requirements to obtain a permit to construct. The owner or operator shall submit an application for a permit to operate prior to initiating operations.

17. **Registration of exempted stationary sources.** The department may require that the owner or operator of any stationary source exempted under subsection 13 shall register the source with the department within such time limits and on such forms as the department may prescribe.

18. **Extensions of time.** The department may extend any of the time periods specified in subsections 4, 5, and 6 of section 33-15-14-02 upon notification of the applicant by the department.

19. **Amendment of permits.** The department may, when the public interest requires or when necessary to ensure the accuracy of the permit, modify any condition or information contained in the permit to construct. Modification shall be made only upon the department's own motion and the procedure shall, at a minimum, conform to any requirements of federal and state law. In the event that the modification would be a major modification as defined in chapter 33-15-15, the department shall follow the procedures established in chapter 33-15-15. For those of concern to the public, the department will provide:

a. Reasonable notice to the public, in the area to be affected, of the opportunity for comment on the proposed modification, and the opportunity for a public hearing, upon request, as well as written public comment.

b. A minimum of a thirty-day period for written public comment, with the opportunity for a public hearing during that thirty-day period, upon request.

c. Consideration by the department of all comments received in its order for modification.

General Authority: NDCC 23-25-03, 23-25-04, 23-25-04.1, 23-25-04.2

Law Implemented: NDCC 23-25-04, 23-25-04.1, 23-25-04.2

[33-15-14-03. Minor source permit to operate.](#)

1. Permit to operate required.

a. Except as provided in subdivisions c and d of this subsection, no person may operate or cause the routine operation of an installation or source designated in section 33-15-14-01 without applying for and obtaining, in accordance with this section, a permit to operate. Application for a permit to operate a new installation or source must be made at least thirty days prior to startup of routine operation. Those sources that received a permit to construct under section 33-15-14-02, need only submit a thirty-day prior notice of proposed startup to satisfy the requirement to apply for a permit to operate under this subdivision.

b. No person may operate or cause the operation of an installation or source in violation of any permit to operate or any condition imposed upon a permit to operate or in violation of this article.

c. Sources that are subject to the title V permitting requirements of section 33-15-14-06 are exempt from the requirements of this section.

d. Sources that are exempt from the requirement to obtain a permit to construct under subsection 13 of section 33-15-14-02 are exempt from this section.

e. Sources which are subject to the title V permitting requirements in section 33-15-14-06 based solely on their potential to emit, may apply for a federally enforceable minor source permit to operate which would limit their potential to emit to a level below the title V permit to operate applicability threshold.

f. Permits which are issued under this section which do not conform to the requirements of this section, including public participation under subdivision a of subsection 5 of section 33-15-14-03, and the requirements of any United States environmental protection agency regulations may be deemed not federally enforceable by the United States environmental protection agency.

g. General permits: The department may issue a general permit covering numerous similar sources. Any general permit shall comply with all requirements applicable to other minor source permits to operate and shall identify criteria by which sources may qualify for the general permit. To sources that qualify, the department shall grant the conditions and terms of the general permit. Sources that would qualify for a general permit must apply to the department for coverage under the terms of the general permit or apply for an individual minor source permit to operate. Without repeating the public participation procedures

under subsection 5 of section 33-15-14-03, the department may grant a source's request for authorization to operate under a general permit.

2. Application for permit to operate.

a. Application for a permit to operate must be made by the owner or operator thereof on forms furnished by the department.

b. Each application for a permit to operate must be accompanied by such performance tests results, information, and records as may be required by the department to determine whether the requirements of this article will be met. Such information may also be required by the department at any time when the source is being operated to determine compliance with this article.

c. Each application must be signed by the applicant, which signature shall constitute an agreement that the applicant will assume responsibility for the operation of the installation or source in accordance with this article.

3. Standards for granting permits to operate. No permit to operate may be granted unless the applicant shows to the satisfaction of the department that the source is in compliance with this article.

4. Performance testing.

a. Before a permit to operate is granted, the applicant, if required by the department, shall conduct performance tests in accordance with methods and procedures required by this article or methods and procedures approved by the department. Such tests must be made at the expense of the applicant. The department may monitor such tests and may also conduct performance tests.

b. Emission tests or performance tests or both shall be conducted by the owner or operator of a facility and data reduced in accordance with the applicable procedure, limitations, standards, and test methods established by this article. Issuance of a minor source permit to operate is subject to the faithful completion of the test in accordance with this article.

c. All dates and periods of trial operation for the purpose of performance or emission testing pursuant to a permit to operate must be approved in advance by the department. Trial operation shall cease if the department determines, on the basis of the test results, that continued operation will result in the violation of this article. Upon completion of any test conducted under a permit to construct, the department may order the cessation of the operation of the tested equipment or facility until such time as a permit to operate has been issued by the department.

d. Upon review of the performance data resulting from any test, the department may require the installation of such additional control equipment as will bring the facility into compliance with this article.

e. Nothing in this article may be construed to prevent the department from conducting any test upon its own initiative or from requiring the owner or operator to conduct any test at such time as the department may determine.

5. Action on applications.

a. Public participation: This subdivision is applicable to only those sources which apply for a federally enforceable minor source permit to operate which limits their potential to emit an air contaminant. The department shall:

(1) Within ninety days of receipt of a complete application:

(a) Make a preliminary determination concerning issuance of the permit to operate.

(b) Make available in at least one location in the county or counties in which the source is located or on the department's website, a copy of the proposed permit and copies of or a summary of the information considered in developing the permit.

(c) Publish notice to the public by prominent advertisement, in the region affected, of the opportunity for written comment on the proposed permit. The public notice must include the proposed location of the source.

(d) Provide notice of the proposed permit and public notice to any state or federal land manager, or Indian governing body whose lands will be significantly affected by the source's emissions. For purposes of this subparagraph, lands will be considered to be significantly affected if the source is located within thirty-one and seven hundredths miles [50 kilometers] of such land.

- (e) Provide a copy of the proposed permit, all information considered in the development of the permit and the public notice to the regional administrator of the United States environmental protection agency.
- (2) Allow thirty days for public comment.
- (3) Consider all public comments properly received, in making the final decision on the application.
- (4) Allow the applicant to submit written responses to public comments received by the department. The applicant's responses must be submitted to the department within twenty days of the close of the public comment period.
- (5) Take final action on the application within thirty days of the applicant's response to the public comments.
- (6) Provide a copy of the final permit, if issued, to the applicant, the regional administrator of the United States environmental protection agency and anyone who requests a copy.
- b. For those sources not subject to public participation under subdivision a of this subsection, the department shall act within thirty days after receipt of an application for a permit to operate a new installation or source, and within thirty days after receipt of an application to operate an existing installation or source, and shall notify the applicant, in writing, of the approval, conditional approval, or denial of the application.
- c. The department shall set forth in any notice of denial the reasons for denial. A denial must be without prejudice to the applicant's right to a hearing before the department or for filing a further application after revisions are made to meet objections specified as reasons for the denial.
- 6. **Permit to operate - Conditions.** The department may impose any reasonable conditions upon a permit to operate. All emission limitations, controls, and other requirements imposed by conditions on the permit to operate must be at least as stringent as any applicable limitation or requirement contained in this article. Permit to operate conditions may include:
 - a. Sampling, testing, and monitoring of the facilities or ambient air or both.
 - b. Trial operation and performance testing.
 - c. Prevention and abatement of nuisance conditions caused by operation of the facility.
 - d. Recordkeeping and reporting.
 - e. Compliance with applicable rules and regulations in accordance with a compliance schedule.
 - f. Limits on the hours of operation of a source or its processing rate, fuel usage or production rate when necessary to assure compliance with this article.
- 7. **Suspension or revocation of permit to operate.**
 - a. The department may suspend or revoke a permit to operate for violation of this article, violations of a permit condition or failure to respond to a notice of violation or any order issued pursuant to this article.
 - b. Suspension or revocation of a permit to operate shall become final ten days after serving notice on the holder of the permit.
 - c. A permit to operate which has been revoked pursuant to this article must be surrendered forthwith to the department.
 - d. No person may operate or cause the operation of an installation or source if the department denies or revokes a permit to operate.
- 8. **Transfer of permit to operate.** The holder of a permit to operate may not transfer it without the prior approval of the department.
- 9. **Renewal of permit to operate.** Every permit to operate issued by the department after February 9, 1976, must have a maximum term of five years. Applications for renewal of such permits must be submitted ninety days prior to the expiration date stated in the permit. The department shall approve or disapprove such application within ninety days. If a source submits a complete application for a permit renewal at least ninety days prior to the expiration date, the source's failure to have a minor source permit to operate is not a violation of this section until the department takes final action on the renewal application.

10. **[Reserved]**

11. **[Reserved]**

12. **Responsibility to comply.**

a. Possession of a minor source permit to operate does not relieve any person of the responsibility to comply with this article.

b. The exemption of any stationary source from the requirements to obtain a minor source permit to operate does not relieve the owner or operator of such source of the responsibility to comply with any other applicable portions of this article.

13. **Portable sources.** Sources which are designed to be portable and which are operated at temporary jobsites across the state may not be considered a new source by virtue of location changes. One application for a permit to operate any portable source may be filed in accordance with this chapter, and subsequent applications are not required for each temporary jobsite. The permit to operate issued by the department shall be conditioned by such specific requirements as the department deems appropriate to carry out the provisions of sections 33-15-01-07 and 33-15-01-15.

14. **Registration of exempted stationary sources.** The department may require that the owner or operator of any stationary source exempted from the requirement to obtain a minor source permit to operate to register the source with the department within such time limits and on such forms as the department may prescribe.

15. **Extensions of time.** The department may extend any of the time periods specified in this section upon notification of the applicant by the department.

16. **Amendment of permits.** When the public interest requires or when necessary to ensure the accuracy of the permit, the department may modify any condition or information contained in a minor source permit to operate. Modification shall be made only upon the department's own motion and the procedure shall, at a minimum, conform to any requirements of federal and state law. In the event that the modification would be a major modification as defined in chapter 33-15-15, the department shall follow the procedures established in chapter 33-15-15. For those of concern to the public, or modify a condition which limits the potential to emit of a source which possesses a federally enforceable permit, the department will provide:

a. Reasonable notice to the public, in the area to be affected, of the opportunity for comment on the proposed modification and the opportunity for a public hearing, upon request, as well as written public comment.

b. A minimum of a thirty-day period for written public comment with the opportunity for a public hearing during that thirty-day period, upon request.

c. Consideration by the department of all comments received.

The department may require the submission of such maps, plans, specifications, emission information, and compliance schedules as it deems necessary prior to the issuance of an amendment. It is the intention of the department that this subsection shall apply only in those instances allowed by federal rules and regulations and only in those instances in which the granting of a variance pursuant to section 33-15-01-06 and enforcement of existing permit conditions are manifestly inappropriate.

General Authority: NDCC 23-25-03, 23-25-04.1, 23-25-04.2

Law Implemented: NDCC 23-25-03, 23-25-04.1, 23-25-04.2

[33-15-14-07. Source exclusions from title V permit to operate requirements.](#)

1. **Purpose.** The purpose of this section is to clarify which sources are minor sources with respect to section 33-15-14-06. The owner or operator of any source that would be classified as a major source under section 33-15-14-06 and which is not specifically excluded by this section shall comply with the requirements of section 33-15-14-06.

2. **Definitions.** For purposes of this section:

a. "Bulk gasoline plant" means any bulk gasoline distribution facility that has a gasoline throughput less than or equal to twenty thousand gallons [75700 liters] per day and that receives gasoline by truck rather than by rail.

b. "Coatings" means coatings plus diluents plus cleanup solvents.

c. "Fountain solution additives" includes isopropyl alcohol, n-propyl alcohol, n-butanol, and alcohol substitutes.

d. "Hazardous air contaminant" means any air contaminant listed pursuant to subsection 112(b) of the Federal Clean Air Act.

e. "Refueling positions" means the number of vehicles that could be dispensing simultaneously at a gasoline service station.

3. **Applicability.**

a. The owner or operator of the following stationary sources is not required to obtain a title V permit to operate under section 33-15-14-06 if the conditions of this section are met:

- (1) Gasoline service stations.
- (2) Gasoline bulk plants.
- (3) Coating sources.
- (4) Printing, publishing, and packaging operations.
- (5) Degreasers using volatile organic solvents.
- (6) Hot mix asphalt plants.

b. Any facility obtaining coverage under this section must submit a notification in writing to the department within ninety days of publication of this section unless specifically exempted from this requirement in the applicable subdivision of this section. The notification must contain the following information:

- (1) Facility name, location, and nature of business.
- (2) A list of all the sources of air contaminants at the facility.
- (3) The condition of this section which is applicable to the facility.
- (4) Total material usage, source capacity, or throughput for the previous month or twelve months at the facility, in accordance with the subdivision that is applicable to the facility.
- (5) A signed statement accepting the throughput or usage limitation.

c. Complying with the conditions of this section does not exempt the owner or operator of a facility from the obligation to apply for and obtain a permit to construct or a minor source permit to operate unless specifically exempted in section 33-15-14-02 or 33-15-14-03.

d. The owner or operator of any facility listed in subdivision a which has potential emissions that would classify it as a major source even after the conditions of this section are met, or are not able to comply with the applicable conditions, shall obtain a title V permit to operate or a minor source permit to operate which limits the potential to emit of the source to a level below the major source threshold.

e. Complying with the conditions of this section does not relieve the owner or operator of a source of the responsibility to comply with any other applicable requirements of this article.

f. If the facility deviates from any condition, limit, or requirement of this section, a report must be submitted to the department within thirty days of the deviation containing the following information:

- (1) The facility's name and location.
- (2) Applicable condition, limit, or requirement for the facility for which a deviation occurred.
- (3) A summary of the records showing the deviation, accompanied by an explanation of the deviation.
- (4) A plan of action to prevent future occurrences of any deviation at the facility.

g. All records required by this section must be maintained for a period of five years from the last date of entry. The records must be available for inspection or submittal to the department upon request. If a facility is limited by a material usage, capacity, or throughput based on a twelve-month rolling period, a log must be updated monthly to include the previous twelve months' total material usage, capacity, or throughput.

4. **Exclusion standards.**

a. Gasoline service stations. The owner or operator of sources where gasoline dispensing operations account for more than ninety percent of all emissions from the facility is not required to obtain a title V permit to operate if the following conditions are met.

- (1) No vapor recovery is used:

(a) The source's total sales of gasoline must not exceed three hundred eighty thousand gallons [1438300 liters] per month in any calendar month. To demonstrate compliance with this limit, monthly records of throughput must be maintained at the source.

(b) If the number of refueling positions is no more than seventeen at the source, then the source is exempt from formal application to the department under subdivision b of subsection 3.

(2) Stage I vapor recovery is used:

(a) The source's total sales of gasoline must not exceed six hundred thirty thousand gallons [2384800 liters] per month in any calendar year. To demonstrate compliance with this limit, monthly records of throughput must be maintained at the source.

(b) If the number of refueling positions is no more than twenty-nine at the source, then the source is exempt from formal application to the department under subdivision b of subsection 3.

b. Gasoline bulk plants. The owner or operator of gasoline bulk plants where gasoline loading and unloading operations account for more than ninety percent of all emissions from the source are covered by this subdivision. To demonstrate compliance with the twenty thousand gallons [75700 liters] per day of gasoline definition of a bulk plant, monthly records of throughput must be maintained at the source.

c. Coating sources.

(1) The owner or operator of sources where surface coating operations account for more than ninety percent of all hazardous air contaminant emissions from the facility is not required to obtain a title V permit to operate if the conditions in subparagraph a or b are met.

(a) The source's total usage of surface coatings must not exceed two hundred fifty gallons [946.25 liters] of coatings per month in any calendar month nor exceed three thousand gallons [11355 liters] of coatings per twelve-month period. The coatings are limited to six pounds per gallon [719 grams per liter] of any individual hazardous air contaminant. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The source's total hazardous air contaminant emissions shall not exceed ten tons per twelve-month period. Hazardous air contaminant emissions must be calculated by multiplying the surface coating material usage in gallons by the individual hazardous air contaminant content in pounds per gallon. To demonstrate compliance with the emissions limitation, the emissions must be calculated on a monthly basis and recorded in a log. All records of material usage, hazardous air contaminant content and emissions must be maintained at the facility.

(2) The owner or operator of an automobile refinishing shop where operations account for more than ninety percent of volatile organic compound emissions and hazardous air contaminant emissions is not required to obtain a title V permit to operate if the usage of coatings is less than two hundred fifty gallons [946.25 liters] per month or three thousand gallons [11355 liters] of coatings per twelve-month period. This item does not apply to facilities capable of refinishing vehicles other than automobiles or trucks.

Sources are exempt from the notification requirements under subdivision b of subsection 3 if:

(a) The auto refinishing shop business is entirely, or almost entirely, for collision repairs and the business has two or fewer bays;

(b) Substantial portions of the auto refinishing shop business are devoted to repainting entire vehicles and the business only has one bay devoted to painting; or

(c) The auto refinishing shop business does not have the physical or operational capability to do more than fifty jobs per week.

d. Printing, publishing, and packaging operations.

(1) The owner or operator of facilities where sheetfed (nonheatset) offset lithography or nonheatset web offset lithography printing operations are conducted is not required to obtain a title V permit to operate if the conditions in subparagraphs a, b, and c are met.

(a) The facility must use less than fourteen thousand two hundred seventy-five gallons [54030 liters] of cleaning solvent and fountain solution additives in any twelve month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The facility must use less than three thousand three hundred thirty-three gallons [12615 liters] of materials containing multiple hazardous air contaminants in any twelve-month rolling period. To

demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(c) The facility must use less than one thousand three hundred thirty-three gallons [5045 liters] of material containing any individual hazardous air contaminant in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(2) The owner or operator of facilities where heatset web offset lithography printing operations are conducted is not required to obtain a title V permit to operate if the conditions in subparagraphs a, b, and c are met.

(a) The facility must use less than one hundred thousand pounds [45.36 megagrams] of ink, cleaning solvent, and fountain solution additives in any twelve month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The facility must use less than three thousand three hundred thirty-three gallons [12615 liters] of materials containing multiple hazardous air contaminants in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(c) The facility must use less than one thousand three hundred thirty-three gallons [5045 liters] of material containing any individual hazardous air contaminant in any twelve month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(3) The owner or operator of facilities where screen printing operations are conducted is not required to obtain a title V permit to operate if the conditions in subparagraphs a, b, and c are met.

(a) The facility must use less than fourteen thousand two hundred seventy-five gallons [54030 liters] of the sum of solvent-based inks, cleaning solvents, adhesives, and coatings in any twelve month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The facility must use less than three thousand three hundred thirty-three gallons [12615 liters] of materials containing multiple hazardous air contaminants in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(c) The facility must use less than one thousand three hundred thirty-three gallons [5045 liters] of material containing any individual hazardous air contaminant in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(4) The owner or operator of facilities, where flexography or rotogravure printing operations with water-based or ultraviolet-cured inks, coatings, and adhesives are conducted, is not required to obtain a title V permit to operate if the conditions in subparagraphs a, b, and c are met.

(a) The facility must use less than four hundred thousand pounds [181 megagrams] of the sum of solvent-based inks, cleaning solvents, and adhesives in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The facility must use less than three thousand three hundred thirty-three gallons [12615 liters] of materials containing multiple hazardous air contaminants in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(c) The facility must use less than one thousand three hundred thirty-three gallons [5045 liters] of material containing any individual hazardous air contaminant in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(5) The owner or operator of facilities where flexography or rotogravure printing operations with solvent inks are conducted is not required to obtain a title V permit to operate if the conditions in subparagraphs a, b, and c are met.

(a) The facility must use less than one hundred thousand pounds [45.36 megagrams] of the sum of ink, coatings, adhesives, dilution solvents and cleaning solvents in any twelve- month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(b) The facility must use less than three thousand three hundred thirty-three gallons [12615 liters] of materials containing multiple hazardous air contaminants in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

(c) The facility must use less than one thousand three hundred thirty-three gallons [5045 liters] of material containing any individual hazardous air contaminant in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of material usage must be maintained at the facility.

e. Degreasers using volatile organic solvents. The owner or operator of facilities where degreasing operations account for more than ninety percent of all volatile organic compound emissions and hazardous air contaminant emissions from the facility is not required to obtain a title V permit to operate if the conditions in paragraph 1 or 2 are met.

(1) If non-halogenated solvents are used, the usage is limited to two thousand two hundred gallons [8327 liters] of any one solvent-containing material and five thousand four hundred gallons [20439 liters] of any combination of solvent-containing materials in any twelve month rolling period. To demonstrate compliance with the usage limit, monthly records of solvent usage must be maintained at the facility.

(2) If halogenated solvents are used, including methyl chloroform, trichloroethane, and methylene chloride, the usage is limited to one thousand two hundred gallons [4542 liters] of any one solvent-containing material and two thousand nine hundred gallons [10976 liters] of any combination of solvent-containing materials in any twelve-month rolling period. To demonstrate compliance with the usage limit, monthly records of solvent usage must be maintained at the facility.

f. Hot mix asphalt plants. The owner or operator of facilities where hot mix asphalt production operations account for more than ninety percent of all emissions from the facility, is not required to obtain a title V permit to operate if the amount of hot mix asphalt produced does not exceed two hundred fifty thousand tons [226757 metric tons] in any twelve-month rolling period. To demonstrate compliance with this limit, monthly records of hot mix asphalt produced must be maintained at the facility. Sources that are excluded under this subdivision must obtain a minor source permit to operate under section 33-15-14-03.

General Authority: NDCC 23-25-03

Law Implemented: NDCC 23-25-03, 23-25-04, 23-25-04.