



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

NM-05

**Insignificant Activities Required To Be Listed –
Nonmetallic Mineral Processing General Permit**

Air Quality Permit Program

Instructions on Page 2

1a) AQ Facility ID No.: _____ 1b) AQ File No: _____

2) Facility Name: _____

3) Check and describe insignificant activities: (See Tables IA-01.1 and IA-01.2 for detailed descriptions)

| | Rule citation | Description of activities at the facility |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | 7007.1300, subp. 3(A) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(B)(1) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(B)(2) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(C) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(D) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(E)(1) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(E)(2) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(F) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(G) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(1) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(2) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(3) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(4) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(5) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(6) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(H)(7) | |

| | Rule citation | Description of activities at the facility |
|--------------------------|-----------------------|---|
| <input type="checkbox"/> | 7007.1300, subp. 3(I) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(J) | |
| <input type="checkbox"/> | 7007.1300, subp. 3(K) | |
| <input type="checkbox"/> | 7008.4100 | |
| <input type="checkbox"/> | 7008.4110 | |

- ☐ 4) There are no insignificant activities required to be listed in my permit application.

Form NM-05 Instructions

1a) AQ Facility ID No. -- Fill in your Air Quality (AQ) Facility identification (ID) Number (No.). This is the first eight digits of the permit number for all new permits issued under the new operating permit program. If your facility has never been issued a permit under this program, leave this line blank.

1b) AQ File No. -- Fill in your AQ File Number. If you have never had an air quality permit, leave this line blank.

2) Facility Name -- Enter your facility name.

Two tables of insignificant activities are provided below.

- **Table IA-01.1, Insignificant Activities Required to be Listed, and Table IA-01.2, Conditionally Insignificant Activities**, specify those activities that must be included in your application, on the **NM-05** form.

3) Description of Activities - Check the boxes for the insignificant activities listed in Tables IA-01.1, IA-01.2, that take place at your stationary source. For each checked activity, provide a brief description of the activity taking place at your stationary source. Fill out a separate row for each listed activity. Provide enough detail in your description so it is clear how the emission unit(s) at your source meet the definition of the insignificant activity. For example, insignificant activity subpart 3(E)(1) corresponds to gasoline storage tanks with a combined total tankage capacity of not more than 10,000 gallons. If you have gasoline storage tanks that meet this definition, indicate the total capacity of your tanks to show that it is under 10,000 gallons. If you run out of room on the table, make additional copies of the form.

4) If there are no insignificant activities that are required to be listed in your permit application, check this box.

Table IA-01.1 Insignificant Activities Required To Be Listed

The activities described below must be listed in your permit application.

| | |
|------------|---|
| Subp. 3(A) | Fuel use: space heaters fueled by, kerosene, natural gas, or propane. A space heater is a heating unit that is not connected to piping or ducting to distribute the heat. |
| Subp. 3(B) | Furnaces, boilers, and incinerators: <ol style="list-style-type: none"> 1. infrared electric ovens; and 2. fuel burning equipment with a capacity less than 500,000 British thermal units (Btu)/hour but only if the total combined capacity of all fuel burning equipment at the stationary source with a capacity less than 500,000 Btu per hour is less than or equal to 2,000,000 Btu/hour. |
| Subp. 3(C) | Fabrication operations: equipment used exclusively for forging, pressing, drawing, spinning, or extruding hot metals. |
| Subp. 3(D) | Processing operations: open tumblers with a batch capacity of 1,000 pounds or less. |

| | |
|------------|---|
| Subp. 3(E) | <p>Storage tanks:</p> <ol style="list-style-type: none"> 1. gasoline storage tanks with a combined total tankage capacity of not more than 10,000 gallons; and 2. non-hazardous air pollutant Volatile Organic Compounds (VOCs) storage tanks with a combined total tankage capacity of not more than 10,000 gallons of non-hazardous air pollutant VOCs and with a vapor pressure of not more than 1.0 psia at 60 degrees Fahrenheit. |
| Subp. 3(F) | Cleaning operations: commercial laundries, not including dry cleaners and industrial launderers. |
| Subp. 3(G) | Emissions from a laboratory, as defined in this item. "Laboratory" means a place or activity devoted to experimental study or teaching in any science, or to the testing and analysis of drugs, chemicals, chemical compounds or other substances, or similar activities, provided that the activities described in this sentence are conducted on a laboratory scale. Activities are conducted on a laboratory scale if the containers used for reactions, transfers, and other handling of substances are designed to be easily and safely manipulated by one person. If a facility manufactures or produces products for profit in any quantity, it may not be considered to be a laboratory under this item. Support activities necessary to the operation of the laboratory are considered to be part of the laboratory. Support activities do not include the provision of power to the laboratory from sources that provide power to multiple projects or from sources which would otherwise require permitting, such as boilers that provide power to an entire facility. |
| Subp. 3(H) | <p>Miscellaneous:</p> <ol style="list-style-type: none"> 1. equipment used exclusively for packaging lubricants or grease; 2. equipment used for hydraulic or hydrostatic testing; 3. brazing, soldering or welding equipment; 4. blueprint copiers and photographic processes; 5. equipment used exclusively for melting or application of wax; 6. nonasbestos equipment used exclusively for bonding lining to brake shoes; and 7. cleaning operations: alkaline/phosphate cleaners and associated cleaners and associated burners. |
| Subp. 3(I) | <p>Individual emissions units at a stationary source, each of which have a potential to emit the following pollutants in amounts less than:</p> <ol style="list-style-type: none"> 1. 4,000 lbs/year of carbon monoxide; and 2. 2,000 lbs/year each of nitrogen oxide, sulfur dioxide, particulate matter, particulate matter less than ten microns, volatile organic compounds (including hazardous air pollutant-containing VOC), and ozone. |
| Subp. 3(J) | Fugitive Emissions from unpaved roads and parking lots, except from a stationary source applying for an Option D registration permit under Minn. R. 7007.1130. |
| Subp. 3(K) | Infrequent use of spray paint equipment for routine housekeeping or plant upkeep activities not associated with primary production processes at the stationary source, such as spray painting of buildings, machinery, vehicles, and other supporting equipment. |

Table IA-01.2 Conditionally Insignificant Activities

The activities described below must be listed in your permit application.

| | |
|-----------|---|
| 7008.4100 | Total VOC Usage at the stationary source less than 200 gallons or 2000 pounds in each calendar year. See Minn. R. 7008.4100 for recordkeeping and calculation requirements for this activity. |
| 7008.4110 | <p>Emissions from equipment venting particulate matter (PM) or particulate matter less than 10 microns (PM-10) inside a building, provided that emissions from the equipment are:</p> <ol style="list-style-type: none"> (A) filtered through an air cleaning system; and (B) vented inside of the building 100% of the time. |

If you would like to review the list of insignificant activities **not required to be listed in your permit application**, please refer to Minn. R. 7007.0500, subp. 2(C)(2). On the Web at: www.revisor.leg.state.mn.us/rules/?id=7007.