|  |  |
| --- | --- |
| Minnesota Pollution Control Agency (MPCA), 520 Lafayette Road North, St. Paul, MN 55155-4194 | CAP-GI-09D  Requirements: NSPS (40 CFR pt. 60)  Air Quality Permit Program  *Doc Type: Permit Application* |

**Standards of Performance for New Stationary Sources (NSPS, New Source Performance Standards, 40 CFR pt. 60)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1a)** AQ Facility ID No.: | |  | **1b)** Agency Interest ID No.: |  |
| **2)** Facility Name: |  | | | |

**3)** NSPS are federal rules that define limits, testing and monitoring for certain specific emission units. These standards are proposed and promulgated in the Federal Register and published in the Code of Federal Regulations, title 40 part 60 (40 CFR pt. 60). Table D lists the standards promulgated through December 2012. Table D may not be complete if a new NSPS has been promulgated since this form was last revised. The table contains:

* a brief emission source description;
* a corresponding 40 CFR pt. 60 subpart reference;
* an effective date for all performance standards promulgated as of December 2012; and
* NSPS allowed by capped emissions permit in boldface type.

[Please note: The best way to keep up-to-date on NSPS regulations is through the U.S. Environmental Protection Agency’s (EPA) webpage (<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60?toc=1>) or the Federal Register since there can be a significant time lag between the date when a standard is proposed or promulgated and when it is finally published in the Code of Federal Regulations.]

**4)** Please read through the emission sources in Table D. If you have modified (as defined in 40 CFR § 60.14), reconstructed (as defined in 40 CFR § 60.15) or constructed the described emission source on or after the effective date listed in the table*,* your facility may be subject to the requirements of 40 CFR pt. 60. Generally, reconstruction means that the cost of a repair exceeds 50% of what it would cost to install a new emission unit. If you have had an extensive and expensive repair, it may count as a reconstruction.

If you know or suspect standards may apply to your facility you must refer to the corresponding 40 CFR pt. 60, subpart and read the requirements in detail to make a final determination. Note: the general provisions found in 40 CFR pt. 60, subp. A, apply to **all** facilities subject to any other NSPS requirements.

**5)** After you review the list of sources subject to NSPS and read any applicable 40 CFR pt. 60 subparts, check one of the following boxes:

No, my facility is not subject to a NSPS. Return to Form CAP-GI-09, and answer “No” to question 2b.

Yes, my facility is subject to a NSPS. (Note that your facility can only be subject to a NSPS listed in boldface to be eligible for the capped permit.)

**6)** The following page lists information needed to identify your facility's emission sources subject to NSPS. Complete the group of questions for all emission equipment subject to NSPS, attaching additional pages if necessary.

**7)** For each applicable subpart (including Subpart A), include a copy of the applicable subpart with the applicable parts highlighted. For some standards, the Minnesota Pollution Control Agency (MPCA) has prepared a checklist version of the standard – for those subparts you may complete the checklist/form rather than highlighting a copy of the standard. See [Air permit compliance forms | Minnesota Pollution Control Agency (state.mn.us)](https://www.pca.state.mn.us/business-with-us/air-permit-compliance-forms) for the subparts for which a checklist form has been prepared.

**8)** Return to Form CAP-GI-09D, and answer “Yes” to question 2b.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Describe Emission Equipment: |  | | | |
| Emission Unit Number (EQUI xxx): |  | | | |
| Stack/Vent Number (STRU xxx): |  | | | |
| Date of Equipment Manufacture: |  | | | (mm/dd/yyyy) |
| Date of Equipment Installation: |  | | | (mm/dd/yyyy) |
| Date of Reconstruction (if applicable): |  | | | (mm/dd/yyyy) |
| Date of Modification (if applicable): |  | | | (mm/dd/yyyy) |
| Applicable 40 CFR pt. 60 subpart or Federal Register Reference: | | |  | |
| This source is also subject to the general provisions of 40 CFR pt. 60, subp. A. | | | | |
| Has this Unit Been Permitted Previously? | |  | | |
| No | |  | | |
| Yes, list Air Emission Permit Number: | |  | | |
| Have you attached a photocopied, highlighted version of the 40 CFR pt. 60 subpart? | | | | |
| Yes | | | | |
| No | | | | |
| Describe Emission Equipment: |  | | | |
| Emission Unit Number: |  | | | |
| Stack/Vent Number: |  | | | |
| Date of Equipment Manufacture: |  | | | (mm/dd/yyyy) |
| Date of Equipment Installation: |  | | | (mm/dd/yyyy) |
| Date of Reconstruction (if applicable): |  | | | (mm/dd/yyyy) |
| Date of Modification (if applicable): |  | | | (mm/dd/yyyy) |
| Applicable 40 CFR pt. 60 subpart or Federal Register Reference: | | |  | |
| This source is also subject to the general provisions of 40 CFR pt. 60, subp. A. | | | | |
| Has this Unit Been Permitted Previously? | |  | | |
| No | |  | | |
| Yes, list Air Emission Permit Number: | |  | | |
| Have you attached a photocopied, highlighted version of the 40 CFR pt. 60 subpart? | | | | |
| Yes | | | | |
| No | | | | |
| Describe Emission Equipment: |  | | | |
| Emission Unit Number: |  | | | |
| Stack/Vent Number: |  | | | |
| Date of Equipment Manufacture: |  | | | (mm/dd/yyyy) |
| Date of Equipment Installation: |  | | | (mm/dd/yyyy) |
| Date of Reconstruction (if applicable): |  | | | (mm/dd/yyyy) |
| Date of Modification (if applicable): |  | | | (mm/dd/yyyy) |
| Applicable 40 CFR pt. 60 subpart or Federal Register Reference | | |  | |
| This source is also subject to the general provisions of 40 CFR pt. 60, subp. A. | | | | |
| Has this Unit Been Permitted Previously? | |  | | |
| No | |  | | |
| Yes, list Air Emission Permit Number: | |  | | |
| Have you attached a photocopied, highlighted version of the 40 CFR pt. 60 subpart? | | | | |
| Yes | | | | |
| No | | | | |

**Table D: Standards of Performance for New Stationary Sources**

If a facility is subject to an NSPS listed in **boldface**, it is still eligible for a capped permit. \*\*

(If a facility is subject to an NSPS other than those listed in boldface, it is not eligible for a capped permit.)

| **Performance standards promulgated as of September, 2022** | | |
| --- | --- | --- |
| Source categories subject to federal performance standards | 40 CFR 60 Subpart | Effective date constructed, modified or reconstructed |
| Fossil-Fuel Fired Steam Generators >250 MMBtu | D | After: 08/17/1971 |
| Electric Utility Steam Generators >250 MMBtu | Da | After: 09/18/1978 |
| Industrial-Commercial-Institutional Steam Generators >100 MMBtu | Db | After: 06/19/1984 |
| **Small Industrial-Commercial-Institutional Steam Generators >10 MMBtu but <100 MMBtu\*** | **Dc** | **After: 06/09/1989** |
| Coal-Fired Electric Steam Generating Units (Hg Budget units) | HHHH | Varies (applies to any unit serving a generator ≥ 25 MWe on or after 11/15/1990) |
| Solid Waste Incinerators | E, CCCC, DDDD, EEEE, FFFF | Varies |
| Sewage Sludge Incinerators | LLLL, MMMM | After: 10/14/2010 |
| Hospital/Medical/Infectious Waste Incinerators | Ec, Ce | Initial Construction |
| Municipal Waste Combustors | Cb, Ea, Eb, AAAA, BBBB | Varies |
| Portland Cement Plants | F | After: 08/17/1971 |
| Nitric Acid Plants | G, Ga | After: 08/17/1971 |
| Sulfuric Acid Plants | H, Cd | Initial Construction |
| **Asphalt Concrete Plants** | **I** | **After: 06/11/1973** |
| Petroleum Refineries | J, Ja | After: 06/11/1973 |
| **Storage Vessels for Petroleum Liquids** | **K,Ka** | **After: 06/11/1973** |
| **Volatile Organic Liquid Storage Vessels (Including Petroleum Liquids)\*** | **Kb** | **After: 07/23/1984** |
| Secondary Lead Smelters | L | After: 06/11/1973 |
| Secondary Brass and Bronze Production Plants | M | After: 06/11/1973 |
| Oxygen Process Furnaces | N | After: 06/11/1973 |
| Oxygen Process Steelmaking Facilities | Na | After: 01/20/1983 |
| Sewage Treatment Plants | O | After: 06/11/1973 |
| Primary Copper Smelters | P | After: 10/16/1974 |
| Primary Zinc Smelters | Q | After: 10/16/1974 |
| Primary Lead Smelters | R | After: 10/16/1974 |
| Primary Aluminum Reduction Plants | S | After: 10/23/1974 |
| Phosphate Fertilizer Industry | T,U,V,W,X | After: 10/22/1974 |
| Coal Preparation Plants | Y | After: 10/24/1974 |
| Ferroalloy Production Facilities | Z | After: 10/24/1974 |
| Steel Plants | AA, AAa | After: 10/21/1974 |
| Kraft Pulp Mills | BB | After: 09/24/1976 |
| Glass Manufacturing Plants | CC | After: 06/15/1979 |
| **Grain Elevators** | **DD** | **After: 08/03/1978** |
| **Surface Coating of Metal Furniture** | **EE** | **After: 11/28/1980** |
| **Stationary Gas Turbines** | **GG** | **After: 10/03/1977** |
| Stationary Gas Turbines 10 MMBtu or larger | KKKK | After: 02/18/2005 |
| Lime Manufacturing Plants | HH | After: 05/03/1977 |
| Lead-Acid Battery Manufacturing Plants | KK | After: 01/14/1980 |
| Metallic Mineral Processing Plants | LL | After: 08/24/1982 |
| Automobile and Light-Duty Truck Surface Coating Operations | MM | After: 10/05/1979 |
| Phosphate Rock Plants | NN | After: 09/21/1979 |
| Ammonium Sulfate Manufacture | PP | After: 02/04/1980 |
| Graphic Arts Industry: Publication Rotogravure Printing | QQ | After: 08/28/1980 |
| Pressure Sensitive Tape and Label Surface Coating Operations | RR | After: 12/30/1980 |
| **Industrial Surface Coating: Large Appliances** | **SS** | **After: 12/24/1980** |
| Metal Coil Surface Coating | TT | After: 01/05/1981 |
| Asphalt Processing and Asphalt Roofing Manufacture | UU | After: 11/18/1980 |
| Equipment Leaks of Volatile Organic Compounds (VOCs) in the Synthetic Organic Chemicals Manufacturing Industry | VV, VVa | After: 01/05/1981 |
| Beverage Can Surface Coating Industry | WW | After: 11/26/1980 |
| **Bulk Gasoline Terminals** | **XX** | **After: 12/17/1980** |
| New Residential Wood Heaters \* | AAA | After: 07/01/1988 |
| Rubber Tire Manufacturing Industry | BBB | After: 01/20/1983 |
| VOC Emissions from the Polymer Manufacturing Industry | DDD | After: 09/30/1987 |
| Flexible Vinyl and Urethane Coating and Printing | FFF | After: 01/18/1983 |
| Equipment Leaks of VOC in Petroleum Refineries | GGG, GGGa | After: 01/04/1983 |
| Synthetic Fiber Production Facilities | HHH | After: 11/23/1982 |
| VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes | III | After: 10/21/1983 |
| **Petroleum Dry Cleaners\*** | **JJJ** | **After: 12/14/1982** |
| Onshore Natural Gas Processing: VOC Equipment Leaks and SO2 Emissions | KKK, LLL | After: 01/20/1984 |
| VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations | NNN | After: 12/30/1983 |
| Nonmetallic Mineral Processing Plants (Including Sand and Gravel Processing) | OOO\* | After: 08/31/1983 |
| Wool Fiberglass Insulation Manufacturing Plants | PPP | After: 02/07/1984 |
| VOC Emissions from Petroleum Refinery Wastewater Systems | QQQ | After: 05/04/1987 |
| VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI)Reactor Processes | RRR | After: 06/29/1990 |
| Magnetic Tape Coating Facilities | SSS | After: 01/22/1986 |
| **Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines** | **TTT** | **After: 01/08/1986** |
| Calciners and Dryers in Mineral Industries | UUU | After: 04/23/1986 |
| Polymeric Coating of Supporting Substrates Facilities | VVV | After: 04/30/1987 |
| Municipal Solid Waste Landfills | WWW, Cc, Cf | Initial Construction |
| **Stationary Compression Ignition Internal Combustion Engines\*** | **IIII** | **After: 07/11/2005** |
| **Stationary Spark Ignition Internal Combustion Engines\*** | **JJJJ** | **After: 06/12/2006** |
| Crude Oil and Natural Gas Production, Transmission, and Distribution | OOOO | After: 08/23/2011 |
| New Residential Hydronic Heaters and Forced-Air Furnaces | QQQQ | After: 5/15/2015 |
| Greenhouse Gas Emissions from Electric Generating Units | TTTT, UUUUa | After: 6/18/2014 |

\* According to Minn. R. 7007.0300, subp. 1(B), "notwithstanding parts 7007.0200 and 7007.0250, any stationary source that would be covered by a permit solely because it is subject to one or more of the following new source performance standards " are not required to obtain a permit under parts 7007.0100 to 7007.1850.

\*\* Minn. R. 7007.114 0, subp. 2 (E) lists the 13 NSPS that a facility can be subject to and still be eligible for a capped permit.