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| Minnesota Pollution Control Agency (MPCA), 520 Lafayette Road North, St. Paul, MN 55155-4194 | MG-09D  Part 70 Manufacturing General Permit  Requirements: NSPS 40 CFR § 60  Air Quality Permit Program  *Doc Type: Permit Application* |

**Refer to the *Handbook and application instructions* for the Part 70 Manufacturing General Permit for form instructions.**

**Facility information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **a)** AQ Facility ID number: | |  | **b)** Agency Interest ID number: |  |
| **c)** Facility name: |  | | | |

**Applicable requirement determination**

New Source Performance Standards (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 § 60). Table D lists the standards promulgated through November 2019. The Minnesota Pollution Control Agency (MPCA) will update this form periodically to include NSPS requirements. However, 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 § 60 subpart reference;
* an effective date for all performance standards promulgated as of November 2019.

**Note: T**he best way to keep up-to-date on NSPS regulations is through the U.S. Environmental Protection agency’s webpage (<http://www.epa.gov>) 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.

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 § 60. Generally, reconstruction means that the cost of a repair exceeds 50 percent 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 § 60 subpart and read the requirements in detail to make a final determination. Note: the general provisions found in 40 CFR § 60, subp. A, apply to all facilities subject to NSPS requirements.

**1)** The attached Table D is a list of NSPS for Source Categories and important dates associated with each of them. Does your facility have equipment that fits any of the source categories?

Yes, check the appropriate box(s) below, indicating the applicable subpart(s), mark “Yes” on Form MG-09 question 4c, then go to question 2:

Volatile Organic Liquid Storage Vessels (including petroleum liquid storage vessels) for which construction, reconstruction, or modification commenced after July 23, 1984 (40 CFR § 60, subp. Kb)

Stationary Compression Ignition (CI) Internal Combustion Engines (40 CFR § 60, subp. IIII). **Indicate engine type below.**

New **Non-Emergency** Stationary CI Internal Combustion Engines, < 500 brake Hp,  
with displacement < 30 liters per cylinder

New **Emergency** Stationary CI Internal Combustion Engines, < 500 brake Hp,  
with displacement < 30 liters per cylinder

New **Fire pump** Stationary CI Internal Combustion Engines, < 500 brake Hp,  
with displacement < 30 liters per cylinder

Any other source category – this facility is not eligible for this general permit

No, done with this form. Return to form MG-09 and mark “No” on question 4c.

**2)** If you are subject to 40 CFR § 60, subp. Kb and/or 40 CFR § 60, subp. IIII, include a copy of each applicable subpart with the applicable parts highlighted. In addition, include a copy of 40 CFR § 60, subp. A with the applicable parts highlighted.

**Table D**

**Standards of Performance for New Stationary Sources**

Performance standards promulgated as of November 2019

| **Source categories subject to federal performance standards** | **40 CFR § 60 Subpart** | **Effective date constructed, modified, or reconstructed** |
| --- | --- | --- |
| Fossil-Fuel Fired Steam Generators >250 million British thermal units (mmBtu) | D | After: 08/17/71 |
| Electric Utility Steam Generators >250 mmBtu | Da | After: 09/18/78 |
| Industrial-Commercial-Institutional Steam Generators >100 mmBtu | Db | After: 06/19/84 |
| Small Industrial-Commercial-Institutional Steam Generators >10 mmBtu but <100 mmBtu | Dc | After: 06/09/89 |
| Solid Waste Incinerators | E, CCCC, DDDD,  EEEE, FFFF | After: 08/17/71 |
| Sewage Sludge Incinerators | LLLL, MMMM | After: 10/14/10 |
| Hospital/Medical/Infections Waste Incinerators | Ec, Ce | Initial Construction or Modification |
| Municipal Waste Combustors | Ea, Eb, Cb | Initial Construction  Modification or Reconstruction After 12/20/89 |
| Small Municipal Waste Combustors | AAAA,  BBBB | Initial Construction  Modification or Reconstruction After 6/6/2001 |
| Municipal Solid Waste Landfills | Cc, Cf, WWW, XXX | Initial construction |
| Portland Cement Plants | F | After: 08/17/71 |
| Nitric Acid Plants | G, Ga | After: 08/17/71 |
| Sulfuric Acid Plants | H, Cd | After: 08/17/71 |
| Asphalt Concrete Plants | I | After: 06/11/73 |
| Petroleum Refineries | J, Ja | Varies |
| Storage Vessels for Petroleum Liquids | K, Ka | After: 06/11/73 |
| Volatile Organic Liquid Storage Vessels (Including Petroleum Liquids) | Kb | After: 07/23/84 |
| Secondary Lead Smelters | L | After: 06/11/73 |
| Secondary Brass and Bronze Production Plants | M | After: 06/11/73 |
| Basic Oxygen Process Furnaces | N | After: 06/11/73 |
| Basic Oxygen Process Steelmaking Facilities | Na, N | After: 01/20/83 |
| Sewage Treatment Plants | O | After: 06/11/73 |
| Primary Copper Smelters | P | After: 10/16/74 |
| Primary Zinc Smelters | Q | After: 10/16/74 |
| Primary Lead Smelters | R | After: 10/16/74 |
| Primary Aluminum Reduction Plants | S | After: 10/23/74 |
| Phosphate Fertilizer Industry | T,U,V,W,X | After: 10/22/74 |
| Coal Preparation and Processing Plants | Y | Varies |
| Ferroalloy Production Facilities | Z | After: 10/21/74 |
| Steel Plants | AA, AAa | After: 10/21/74 |
| Kraft Pulp Mills | BB, BBa | After: 09/24/76 |
| Glass Manufacturing Plants | CC | After: 06/15/79 |
| Grain Elevators | DD | After: 08/03/78 |
| Surface Coating of Metal Furniture | EE | After: 11/28/80 |
| Stationary Gas Turbines | GG, KKKK | After: 10/03/77 |
| Lime Manufacturing Plants | HH | After: 05/03/77 |
| Lead-Acid Battery Manufacturing Plants | KK | After: 01/14/80 |
| Metallic Mineral Processing Plants | LL | After: 08/24/82 |
| Automobile and Light-Duty Truck Surface Coating Operations | MM | After: 10/05/79 |
| Phosphate Rock Plants | NN | After: 09/21/79 |
| Ammonium Sulfate Manufacture | PP | After: 02/04/80 |
| Graphic Arts Industry: Publication Rotogravure Printing | QQ | After: 08/28/80 |
| Pressure Sensitive Tape and Label Surface Coating Operations | RR | After: 12/30/80 |
| Industrial Surface Coating: Large Appliances | SS | After: 12/24/80 |
| Metal Coil Surface Coating | TT | After: 01/05/81 |
| Asphalt Processing and Asphalt Roofing Manufacture | UU | Varies |
| Equipment leaks of volatile organic chemicals (VOCs) in the Synthetic Organic Chemicals Manufacturing Industry (SOCMI) | VV, VVa | After: 01/05/81 |
| Beverage Can Surface Coating Industry | WW | After: 11/26/80 |
| Bulk Gasoline Terminals | XX | After: 12/17/80 |
| New Residential Wood Heaters \* | AAA | After: 07/01/88 |
| Rubber Tire Manufacturing Industry | BBB | After: 01/20/83 |
| VOC Emissions from the Polymer Manufacturing Industry | DDD | After: 09/30/87 |
| Flexible Vinyl and Urethane Coating and Printing | FFF | After: 01/18/83 |
| Equipment Leaks of VOC in Petroleum Refineries | GGG, GGGa | After: 01/04/83 |
| Synthetic Fiber Production Facilities | HHH | After: 11/23/82 |
| VOC Emissions from the SSOCMI Air Oxidation Unit Processes | III | After: 10/21/83 |
| Petroleum Dry Cleaners | JJJ | After: 12/14/82 |
| Onshore Natural Gas Processing: VOC Equipment Leaks and SO2 Emissions | KKK, LLL | After: 01/20/84 |
| VOC Emissions from SOCMI Distillation Operations | NNN | After: 12/30/83 |
| Nonmetallic Mineral Processing Plants (Including Sand and Gravel Processing) | OOO | After: 08/31/83 |
| Wool Fiberglass Insulation Manufacturing Plants | PPP | After: 02/07/84 |
| VOC Emissions from Petroleum Refinery Wastewater Systems | QQQ | After: 05/04/87 |
| VOC Emissions from the SOCMI Reactor Processes | RRR | After: 6/29/90 |
| Magnetic Tape Coating Facilities | SSS | After: 01/22/86 |
| Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines | TTT | After: 01/08/86 |
| Calciners and Dryers in Mineral Industries | UUU | After: 04/23/86 |
| Polymeric Coating of Supporting Substrates Facilities | VVV | After: 04/30/87 |
| Stationary Compression Ignition Internal Combustion Engines | IIII | Varies |
| Spark Ignition Internal Combustion Engines | JJJJ | Varies |
| Crude Oil and Natural Gas Production, Transmission, and Distribution | OOOO, OOOOa | After: 08/23/11 |
| Residential Hydronic Heaters and Forced Air Furnaces | QQQQ | After: 5/15/15 (manufacture date) |
| Greenhouse Gas Emissions for Electric Generating Units | TTTT | After: 8/18/14 |
| Emission Guidelines for Greenhouse Gas Emissions and Compliance Times for Electric Utility Generating Units | UUUUa | On or before: 1/8/14 |

\* According to Minn. R. 7007.0300, subp. 1(B), "any stationary source that would be required to obtain a permit solely because it is subject to Code of Federal Regulations, title 40, part 60, subp. AAA" is exempt from permitting.