



**Minnesota Pollution
Control Agency**

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)** AQ File 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;
- 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 (<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.]

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 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 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 <http://www.pca.state.mn.us/nwqh472> 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 _____
Stack/Vent Number _____
Date of Equipment Manufacture _____ (Month/Date/Year)
Date of Equipment Installation _____ (Month/Date/Year)
Date of Reconstruction (if applicable) _____ (Month/Date/Year)
Date of Modification (if applicable) _____ (Month/Date/Year)
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 _____ (Month/Date/Year)
Date of Equipment Installation _____ (Month/Date/Year)
Date of Reconstruction (if applicable) _____ (Month/Date/Year)
Date of Modification (if applicable) _____ (Month/Date/Year)
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 _____ (Month/Date/Year)
Date of Equipment Installation _____ (Month/Date/Year)
Date of Reconstruction (if applicable) _____ (Month/Date/Year)
Date of Modification (if applicable) _____ (Month/Date/Year)
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 December, 2012

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: 08/17/71
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
Coal-Fired Electric Steam Generating Units (Hg Budget units)	HHHH	Varies (applies to any unit serving a generator ≥ 25 MWe on or after 11/15/90)
Solid Waste Incinerators	E, CCCC, DDDD, EEEE, FFFF	Varies
Sewage Sludge Incinerators	LLLL, MMMM	After: 10/14/10
Hospital/Medical/Infectious Waste Incinerators	EC, CE	Initial Construction
Municipal Waste Combustors	CB, EA, EB, AAAA, BBBB	Varies
Portland Cement Plants	F	After: 08/17/71
Nitric Acid Plants	G, GA	After: 08/17/71
Sulfuric Acid Plants	H, CD	Initial Construction
Asphalt Concrete Plants	I*	After: 06/11/73
Petroleum Refineries	J, JA	After: 06/11/73
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
Oxygen Process Furnaces	N	After: 06/11/73
Oxygen Process Steelmaking Facilities	NA	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 Plants	Y	After: 10/24/74
Ferroalloy Production Facilities	Z	After: 10/24/74
Steel Plants	AA, AAA	After: 10/21/74
Kraft Pulp Mills	BB	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*	After: 10/03/77
Stationary Gas Turbines 10 MMBtu or larger	KKKK	After: 02/18/05
Lime Manufacturing Plants	HH	After: 05/03/77

Performance standards promulgated as of December, 2012

Source categories subject to federal performance standards	40 CFR 60 Subpart	Effective date constructed, modified or reconstructed
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	After: 11/18/80
Equipment Leaks of Volatile Organic Compounds (VOCs) in the Synthetic Organic Chemicals Manufacturing Industry	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 Synthetic Organic Chemical Manufacturing Industry 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 SO ₂ Emissions	KKK, LLL	After: 01/20/84
VOC Emissions from Synthetic Organic Chemical Manufacturing Industry 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 Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	RRR	After: 06/29/90
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
Municipal Solid Waste Landfills	WWW, Cc	Initial Construction
Stationary Compression Ignition Internal Combustion Engines	III	After: 07/11/05
Stationary Spark Ignition Internal Combustion Engines	JJJJ	After: 06/12/06
Crude Oil and Natural Gas Production, Transmission, and Distribution	OOOO	After: 08/23/11

* Checklist versions of regulation available from the MPCA. Contact the MPCA at 651- 296-6300 or 1-800-657-3864 for copies. Also available online at <http://www.pca.state.mn.us/air/permits/forms.html#12>.

** 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.

*** Minn. R. 7007.1140, subp. 2 (E) lists the 13 NSPS that a facility can be subject to and still be eligible for a capped permit.