

Compliance Options

[§63.5170]

You may comply with your emission limits by doing any of the following:

1) "As Purchased" Compliant Material Option –

Each coating you use during each 12-month compliance period must not exceed 0.046 kg HAP per liter solids, as purchased.

2) "As Applied" Compliant Material Option -

a. Each coating you use during each 12-month compliance period must not exceed 0.046 kg HAP per liter solids, as applied, determined monthly.

b. The rolling 12-month average of all coating materials must not exceed 0.046 kg HAP per liter solids determined monthly.

3) Add-On Controls Option (Overall Control Efficiency) –

a. Each emission capture system and associated control device must reduce emissions by 98 percent (i.e., achieve an overall control efficiency of 98 percent).

b. You may use a total enclosure (100% capture) and an oxidizer to reduce organic HAP emissions to no more than a concentration of 20 parts per million by volume on a dry basis at the outlet.

4) Emission Rate With Add-on Controls –

The 12-month rolling average (determined monthly) of all coating materials you use, including the emission capture and control device efficiency, must not exceed 0.046 kg/liter solids, determined monthly.

Compliance Calculations

[§63.5170]

For Compliance Options No. 1, 2 and 4, the collected data for coatings and thinners is used to calculate the organic HAP content of each coating material used during each 12-month compliance period. For Compliance Options No. 3 and 4, you must calculate the overall organic HAP control efficiency of your add-on controls. For Compliance Option 4, the collected data for coatings and thinners along with the overall organic HAP control efficiency of the add-on controls is used to calculate the organic HAP emission rate.

You can also contact your regional EPA air toxics office at the following numbers:

Address	States	Website/ Phone Number
Region 1		
1 Congress Street Suite 1100 Boston, MA 02114-2023	CT, MA, ME, NH, RI, VT	www.epa.gov/region1 (888) 372-7341* (617) 918-1111
Region 2		
290 Broadway New York, NY 10007-1866	NJ, NY, PR	www.epa.gov/region2 (212) 637-5000
Region 3		
1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WB, DC	www.epa.gov/region3 (800) 438-2474 (215) 814-3297
Region 4		
Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-3104	FL, NC, SC, KY, TN, GA, AL, MS	www.epa.gov/region4 (800) 241-1754 (404) 562-9900
Region 5		
77 W. Jackson Blvd Chicago, IL 60604	IL, IN, MI, WI, MN, OH	www.epa.gov/region5 (800) 621-8431 (312) 353-2000
Region 6		
1445 Ross Avenue Suite 1200 Dallas, TX 75202	AR, LA, NM, OK, TX	www.epa.gov/region6 (800) 887-6063 (214) 665-6444
Region 7		
901 N. 5 th Street Kansas City, KS 66101	IA, KS, MO, NE	www.epa.gov/region7 (800) 223-0425 (913) 551-7003
Region 8		
999-18th St. Suite 300 Denver, CO 80202-2466	CO, MT, ND, SD, UT, WY	www.epa.gov/region8 (800) 227-8917 (303) 312-6312
Region 9		
75 Hawthorne St., San Francisco, CA 94105	CA, AZ, HI, NV	www.epa.gov/region9 (415) 947-8000 (866) 372-9378
Region 10		
1200 6 th Avenue Seattle, WA 98101	AK, ID, WA, OR	www.epa.gov/region10 (800) 424-4372 (206) 553-1200

* For sources within the region, only.

For More Information

Copies of the rule and other material are located at EPA's Metal Coil Coating web site:

www.epa.gov/ttn/atw/mcoil/mcoilpg.html

United States
Environmental Protection
Agency

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www.epa.gov/ttn/atw/mcoil/mcoilpg.html

Office of Air Quality Planning & Standards (E143-02)



METAL COIL COATING NESHAP (SUBPART SSSS)

AN OVERVIEW OF THE FINAL RULE



New EPA air emission standards for Metal Coil Coating Operations were promulgated on June 10, 2002 [67 FR 39794]

Who is covered by the rule?
[§63.5090]

You are covered if you own or operate an affected source at a facility that is a major source, is located at a major source, or is part of a major source of hazardous air pollutants (HAP).

An Affected Source is . . .

The collection of all the metal coil coating lines at your facility.

Coil Coating Lines are . . .

The collection of equipment used to apply an organic coating to the surface of metal coil. Coating lines include web unwind or feed stations, wet section, coating application stations, curing oven, and quench station.

Metal Coil is . . .

A continuous metal strip that is at least 0.15 mm (0.006 in) thick and is packaged in a roll or coil prior to coating, but does not include metal webs that are coated for use in flexible purchasing.

Who is not covered by this rule?
[§§63.5090 and 63.5110]

The following sources are not covered under Subpart SSSS:

- ❖ A coil coating line that is part of research or laboratory equipment
- ❖ A coil coating line on which 85% or more of the metal coated, based on surface area, is less than 0.15 millimeters (0.006 inch) thick
- ❖ Ancillary operations, such as cleaning, coating mixing, thinning, and storage, and wastewater operations

What emission standards must I follow?
[§63.5120]

If you are an existing or new source, limit your organic HAP emissions to no more than . . .	
Option 1	2% of the organic HAP applied during each month during the 12-month compliance period (98% reduction)
Option 2	0.046 kg organic HAP/liter coating solids applied during each 12-month compliance period
Option 3	20 parts per million by volume on a dry basis when an oxidizer is used in combination with a capture system that achieves 100% capture

What operating limits must I meet?
[§63.5121]

The operating limits are the site-specific parameter limits you determine for your capture and control devices during the performance test. Your operating limits must be monitored by a continuous parameter monitoring system (CPMS).

Compliance Dates
[§63.5130]

If your initial startup is ...	Then you're *	And must comply by ...
On or before July 18, 2000	An <i>existing</i> source	June 10, 2005
After July 18, 2000	A <i>new</i> source	By June 10, 2002 or the initial startup of your affected source, whichever is later

* When determining if a source is new or existing, the General Provisions (40 CFR 63, Subpart A) requires us to use the proposal date of the rule as the cutoff date. For subpart SSSS, the rule proposal date was July 18, 2000.

Noncompliance with applicable regulations after the compliance date may result in fines and penalties of up to \$25,000 per day per violation.

Notification, Recordkeeping, and Reporting Requirements

Initial Notification: [§63.5180]

The initial notification states that your facility is subject to the Metal Coil Coating standards. You must submit this no later than June 10, 2004 if you are an existing source. If you are a new source, you must submit this no later than October 8, 2002 or within 120 days after initial startup, whichever is later.

Notification, Recordkeeping, and Reporting Requirements
(continued)

Notification of Intent to Conduct a Performance Test: [§63.5180]

If your facility is required to conduct performance tests (i.e., those with add-on control equipment), you must submit a notification of intent to conduct a performance test at least 60 days prior to the test, but no later than October 8, 2005.

Notification of Compliance Status: [§63.5180]

You must submit a Notification of Compliance Status by July 30, 2006 for existing sources or within 30 days after the end of the initial compliance period for new sources.

Performance Test Report: [§63.5180]

If your facility is required to conduct performance tests (i.e., those with add-on control equipment), you must submit a performance test report within 60 days after completion of the performance test. The performance test is required no later than December 7, 2005 for existing sources. New or reconstructed sources must conduct the performance test by December 7, 2002 or within 180 days of startup.

Startup, Shutdown, Malfunction Reports: [§63.5180]

A startup, shutdown, and malfunction report must be submitted immediately if there was a startup, shutdown, or malfunction of the control device during the reporting period that is not consistent with the startup, shutdown, and malfunction plan. If actions taken were consistent with the startup, shutdown, and malfunction plan, the report must be submitted semiannually.

Semiannual Compliance Reports: [§63.5180]

After the initial compliance period each affected source must submit semiannual compliance reports.

Records: [§63.5190]

Your facility is required to keep records of reported information and all other information necessary to document compliance with the proposed rule for 5 years. There may be additional requirements depending on the compliance option that you choose.