

Compliance Options

[§63.3370]

You may comply with the emission limits you selected in §63.3320 by doing any of the following:

A) "As-Purchased" Compliant Material Option - Each coating you use during each month must not exceed:

- 0.04 kg organic HAP/kg coating material (existing sources) or 0.016 kg organic HAP/kg coating material (new sources); OR
- 0.2 kg organic HAP/kg coating solids (existing sources) or 0.08 kg organic HAP/kg coating solids (new sources)

B) "As-Applied" Compliant Material Option - Each coating or the average of all coatings you use during each month must not exceed:

- 0.04 kg organic HAP/kg coating material (existing sources) or 0.016 kg organic HAP/kg coating material (new sources); OR
- 0.2 kg organic HAP/kg coating solids (existing sources) or 0.08 kg organic HAP/kg coating solids (new sources)

C) Monthly Allowable Organic HAP Applied - The total monthly organic HAP applied must be less than the calculated limit based on emission limitations.

D) Emission Rate With Add-on Controls - you may choose one of the following:

- achieve an overall organic HAP control efficiency of 95% (existing sources) or 98% (new sources); OR
- achieve an oxidizer outlet organic HAP concentration less than 20 ppmv on a dry basis by compound and capture efficiency of 100%; OR
- monthly overall organic HAP emission rate must not exceed 0.04 kg organic HAP/kg coating material (existing sources) or 0.016 kg organic HAP/kg coating material (new sources), "as applied;" OR
- monthly overall organic HAP emission rate must not exceed 0.2 kg organic HAP/kg coating solids (existing sources) or 0.08 kg organic HAP/kg coating solids (new sources), "as-applied"

E) Combination of compliant coatings and control devices - You may choose one of the following:

- average equivalent monthly organic HAP emission rate must not exceed 0.04 kg organic HAP/kg coating material (existing sources) or 0.016 kg organic HAP/kg coating material (new sources), "as applied;" OR
- average equivalent monthly organic HAP emission rate must not exceed 0.2 kg organic HAP/kg coating solids (existing sources) or 0.08 kg organic HAP/kg coating solids (new sources), "as-applied;" OR
- average equivalent organic HAP emission rate must not exceed the calculated limit based on emission limitations.

For More Information

Copies of the rule and other material are located at EPA's Paper and Other Web Coating web site:

www.epa.gov/ttn/atw/coat/powc/powcpg.html

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
Region 2 290 Broadway New York, NY 10007-1866	NJ, NY, PR	www.epa.gov/region2 (212) 637-3000
Region 3 1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WV, 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
Region 5 77 W. Jackson Blvd Chicago, IL 60604	IL, IN, MI, WI, MN, OH	www.epa.gov/region5 (800) 621-8431
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
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
Region 10 1200 6 th Avenue Seattle, WA 98101	AK, ID, WA, OR	www.epa.gov/region10 (800) 424-4372* (206) 553-1200

Credits: This document was made possible through the efforts of the POWC Implementation Tool Development Partnership effort, an effort to bring together the regulated and regulatory community. The logo of the partner who was the lead for this tool is listed first below. To see a description of our partners or to get more information about the partnership effort, see <http://www.epa.gov/ttn/atw/powc/powcpg.html>



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www.epa.gov/ttn/atw/powc/powcpg.html

Office of Air Quality Planning & Standards (EI43-02)



PAPER AND OTHER WEB SURFACE COATING NESHAP (SUBPART JJJJ)

AN OVERVIEW OF THE FINAL RULE



New EPA air emission standards for Paper and Other Web Coating Operations were promulgated on December 4, 2002 [67 FR 72330]

Who is covered by the rule?
[§63.3300]

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

An Affected Source is . . .

The collection of all web coating lines at your facility, including lines engaged in coating metal webs used in flexible packaging or engaged in coating fabric substrates used in pressure sensitive tape and abrasive materials.

Web Coating Lines are . . .

Any number of work stations, of which one or more applies a continuous layer of coating material across the width or any portion of the width of a web substrate and any associated curing/drying equipment between an unwind or feed station and a rewind or cutting station.

A Web Substrate is . . .

A continuous substrate (such as paper, film, or foil) which is flexible enough to be wound or unwound as rolls.

Who is not covered by this rule?
[§63.3300]

The following web coating lines or sources are not covered under Subpart JJJJ:

- ❖ Stand-alone coating equipment included as an affected source under the printing and publishing rule (subpart KK)
- ❖ Lithography, screenprinting, letterpress, and narrow - web flexographic printing processes
- ❖ Magnetic tape manufacturing operations (subject to subpart EE)
- ❖ Coil coating operations (subject to subpart SSSS)
- ❖ Printing, coating and dyeing of fabric and other textiles (subject to proposed subpart OOOO)
- ❖ Research or laboratory equipment
- ❖ A product and packaging rotogravure or wide-web flexographic press included as an affected source under subpart KK.

What emission limits must I meet?
[§63.3320]

	If you are an existing source, limit your organic HAP emissions to no more than . . .	If you are a new source, limit your organic HAP emissions to no more than . . .
Option 1	5% of the organic HAP applied for each month	2% of the organic HAP applied for each month
Option 2	4% of the mass of coating materials applied for each month	1.6% of the mass of coating materials applied for each month
Option 3	20% of the mass of coating solids applied for each month	8% of the mass of the coating solids applied for each month
Option 4	Oxidizer outlet organic HAP concentration of 20 ppmv on a dry basis, by compound, and a capture efficiency of 100%	

Operating Limits
[§63.3321]

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) [§63.3350(e)].

Compliance Dates
[§63.3330]

If your initial startup is ...	Then you're *	And must comply by ...
On or before September 13, 2000	An existing source	December 5, 2005
After September 13, 2000	A new source	By December 4, 2002 or the initial startup of your affected source, whichever is later

* When determining whether 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 JJJJ, the rule proposal date was September 13, 2000

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

Compliance Calculations
[§63.3370]

For Compliance Option A, the collected data for coating and thinning materials are used to calculate the organic HAP content of each material used each month. For Compliance Option B, C, and E, an monthly average organic HAP emission rate is calculated. For Compliance Option D, a total monthly organic HAP limit is calculated.

Notification, Recordkeeping, and Reporting Requirements

Initial Notification: [§63.3400]

The initial notification states that your facility is subject to the paper and other web coating standards. You must submit this no later than December 5, 2004 if you are an existing source. If you are a new source, you must submit this no later than April 3, 2003, or within 120 days after initial startup.

Notification of Intent to Conduct a Performance Test: [§63.3400, §63.9(e)]

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.

Notification of Compliance Status: [§63.3400, §63.9(h)]
You must submit a Notification of Compliance Status (NOCS) by August 2, 2006 for existing sources or within 60 days after initial performance test/compliance demonstration.

Performance Test Report: [§63.3400, §63.10(d)(2)]

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 June 3, 2006 for existing sources [§63.7(a)(2)]. New or reconstructed sources must conduct the performance test by June 2, 2003 or within 180 days after startup.

Startup, Shutdown, Malfunction Reports: [§63.3400]

A startup, shutdown, and malfunction report must be submitted within 2 days with a followup letter within 7 days after the event, 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 [§63.10(d)(5)(ii)]. If actions taken were consistent with the startup, shutdown, and malfunction plan, the report must be submitted semiannually.

Semiannual Compliance Reports: [§63.3400]

After the initial compliance period each affected source must submit semiannual compliance reports. The first compliance report covers the period from December 5, 2005 and June 30 2006 and should be submitted by July 31, 2006. Subsequent reports must be submitted semiannually on July 31 or January 31 thereafter.

Records: [§63.3400]

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.