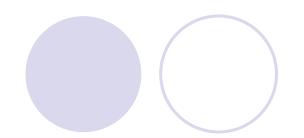
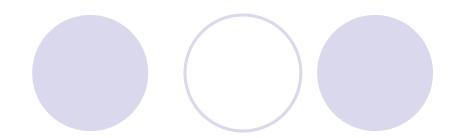
US ERA ARCHIVE DOCUMENT





Paints and Allied Products Manufacturing:

Area Source Standards Final Rule

March 25, 2010

Applicability

- Paint & Coating Manufacturing 325510
- Adhesive Manufacturing 325520
- Printing Ink Manufacturing 325910
- All Other Misc. Chemical Product and Preparation Manufacturing 325998
 - Indelible, India, writing, and stamp pad inks only

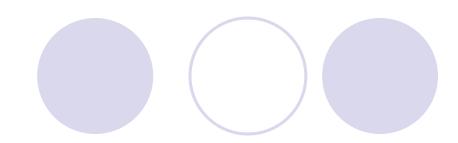
Applicability

- Does not apply to:
 - Manufacture of thinners, paint removers, brush cleaners and mold release agents
 - Manufacture of electroplated and electroless metal films
 - Manufacture of raw materials
 - Resins, pigments, solvents
 - Activities by end users to ready materials for application

Affected Source

- YES
- Paint and allied products manufacturing facilities that process, use or generate the listed HAP
- NO
- Facilities that no longer process, use or generate the listed HAP
- R&D facilities

Listed HAP



- Volatile
 - Benzene
 - Methylene chloride
- Metal compounds
 - Cadmium
 - Chromium
 - Lead
 - Nickel

Paints Rule Stats

- Almost 2200 facilities
- Baseline HAP emissions 4800 tpy
- Anticipated emission reductions
 - 169 tpy organic HAP
 - 4.2 tpy metal HAP (6,300 tpy PM)
- Capital cost is \$8.1 million and the annualized cost is \$3.1 million per year
- Rule promulgated November 16, 2009
 - Proposed May 22, 2009

Volatile HAP Requirements

- Applies to all storage and process vessels, except mixing vessels
- Equip vessels with covers that maintain 90% contact with rim
- Exempts quality control testing and product sampling

Metal HAP Requirements

- When adding of dry pigments and solids containing listed HAP to a process vessels or to the grinding and milling process you must:
 - Operate a PM capture system
 - 2. Fully enclose the equipment
 - 3. Use pigments and solids in a solution or slurry
- Visible emissions from exhaust must not exceed
 10% opacity if venting to atmosphere
 - Requirement doesn't apply if device doesn't vent to atmosphere

Dates



Existing sources: June 1, 2010

New sources: 180 days after startup or June 1, 2010,

whichever is later

Compliance

Existing sources: December 3, 2012

New sources: December 3, 2009

Notification of Compliance Status

Existing sources: June 3, 2013

New sources: June 10, 2010 or 180 days after initial startup,

whichever is later

Upcoming Amendments

- Technical correction published 75 FR 10185 on March 5, 2010
 - Minor edits and renumbering
- Direct final in May

Available Implementation Tools

- http://www.epa.gov/ttn/atw/area/arearules.html#final
 - Area Source Rule Home Page on TTN
- http://www.epa.gov/ttn/atw/area/arearules.html#inot
 - Initial Notification and Compliance form examples
- http://www.epa.gov/Compliance/monitoring/ programs/caa/adi.html
 - Applicability Determination Index
- http://edocket.access.gpo.gov/2009/pdf/E9-27947.pdf
 - FR Notice for final rule