US EPA Area Source Regulations Program Update

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September 8, 2008

Current Status

- 70 source categories will be subject to regulation
- 50 source categories have been promulgated; 20 remain to complete and are in Bins 5 and 6.
- Most categories to be completed on June 15, 2009
- Three categories will be extended into 2010 with actual dates pending legal negotiations (sewage sludge incineration and commercial/industrial boilers)

Bin 1 through Bin 2

- Covered mostly well-controlled categories with small amounts of facilities ranging from 1 source to 370 sources:
  - Primary nonferrous metal, primary copper, secondary copper, PVC Production
  - Carbon black, wood preserving, AMF production, Chromium compound mfg, Flexible foam production and fabrication, lead acid battery mfg.
- Rules were promulgated December 2006 and June 2007.

Bin 3 Rules

- Rules included more controversial area sources ranging from thousands of sources; larger reductions expected and implementation needs apparent:
  - Autobody, paint stripping, and miscellaneous coatings, glass mfg, iron and steel foundries and electric arc furnaces (EAF)
  - Clay ceramics and secondary nonferrous metals rules the exception: well controlled with smaller amount of sources.
- Rules promulgated December 2007

Four rules under a separate court order in the mix

- Oil and Natural Gas Production -
  published January 2007
- Gas Distribution/Bulk Terminals -
  published January 2008
- Reciprocating Internal Combustion Engines, new sources published January 2008
- Hospital Sterilizers, published January 2008
  - These rules primarily require management practices, with controls necessary for larger throughputs.

Bin 4 Rules

- Metal Fabrication - promulgated June 13, 2008 - published July 23, 2008.
  - Affected an estimated 5,800 facilities nationwide
  - Equipment standards and management practices only – no additional controls
  - Utilized current practices
  - Compliance date July 25, 2011, or after July 2008 for new sources (initial startup.)

Bin 4 rules (cont'd)

- Plating and Polishing -

  published July 1, 2008

  - Affected an estimated 2,900 facilities nationwide
  - Equipment standards and management practices only – no additional controls
  - Utilized current practices
  - Compliance date is July 1, 2010, or July 1, 2008 (initial start-up) for new sources.

Bin 5 Rules – Promulgate 12/15/08

- Ferroalloys Production
  - Affecting 10 to 12 facilities
  - Expecting proposal September 2008
  - Utilizing current practices
- Chemical Manufacturing (similar to the MON)
  - Nine chemical manufacturing source categories will be consolidated into one rule

Bin 5 Rules (cont'd)

Categories included in Chemical Mfg rule are-

- Agricultural Chemicals and Pesticides Mfg.
- Industrial Organic Chemical Mfg.
- Misc. Organic Chemical Mfg.
- Synthetic Rubber
- Pharmaceutical Production
- Industrial Inorganic Chemical Mfg.
- Inorganic Pigment Mfg.
- Cyclic Crude and Intermediate Production
- Plastic Materials and Resins Mfg.

Bin 5 Rules (cont'd)

- **450 sources expected to be affected**
- **Baseline listed HAP = 1,100 tpy**
  - **1,000 tpy organic HAP**
  - **70 tpy metal HAP**
- **Expecting to publish a proposal September/October 2008**
- **Will promulgate December 15, 2008**

- **Bin 5 contacts are:**

  - **Ferroalloys: Conrad Chin at chin.conrad@epa.gov**

  - **Chemical Mfg.: Randy McDonald at mcdonald.randy@epa.gov**

Bin 6 Rules

- Bin 6 includes categories with both large and small businesses -
  - Copper Foundries
  - Aluminum Foundries
  - Other nonferrous foundries (1000 facilities)
  - Chemical Preparation – 30 facilities
  - Prepared Feeds - 1800 but only <100 emit HAPs of interest)
  - Paint and Allied Products – 2500 facilities
  - Asphalt Roofing – 100 facilities
- Management practices expected; controls required if already common practice.
- Bin 6 rules expected to propose late fall, 2008.

Implementation

- Brochures and notification examples have been developed – can be found at:
  - http://www.epa.gov/ttn/atw/area/arearules.html#imp
- Webcast for the Autobody rule was held the last week of July – access to webcast still available –
  - http://www.epa.gov/apti/schedule.html#anchor1
  - Also you can request a CD of this webcast to show to groups – please email Deborah Miller -- Miller.Deborahr@epa.gov
- Collision Repair Campaign in full swing by Regions/OAQPS
  - Website has comprehensive information on resources at:

  http://www.epa.gov/air/toxicair/community/collision.html
- Plain language fact sheets in English and Spanish, will be developed for several rules where a good majority of workers may not understand a brochure or regulatory text. (Any suggestions?)

Implementation (cont'd)

- EPA is conducting training sessions for Regional Offices – should help with assisting small businesses on their compliance requirements.
- May conduct web-based training on certain rules if enough requests are received.
- History, contacts, tools, and general information can be found on the Area Source Program Website
- Useful Compilation Table of all categories can be found at:
  - http://www.epa.gov/ttn/atw/area/compilation.htm

For more information

- Sharon Nizich 919/541-2825
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- Area Source website with all rules and general information:
  - http://www.epa.gov/ttn/atw/area/arearules.html