



Area Source Program Status

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Background

- CAA Section 112(k) requires EPA to:
 - develop an urban air toxics strategy
 - identify at least 30 urban HAPs
 - list area source categories that ensure 90% of the emissions from area sources are subject to standards (by November 15, 2000)



Urban Air Toxics Strategy

- EPA published the Integrated Urban Air Toxics Strategy on July 19, 1999. The Strategy identified 8 metals and 22 organics as the “dirty 30”
- A total of 70 area source categories have been listed
- Collectively, the listed source categories account for at least 90% of the emissions of each of the 30 area source urban HAP
- We did not finish the promulgation of the 70 categories so we were sued, and thus now have a schedule of court ordered deadlines.



Current Status

- May 2003 and March 2006 court orders set a schedule for completing the Area Source Program:
 - Standards have been promulgated for 40 area source categories
 - 30 source categories remain to be addressed
 - Program to be completed on June 15, 2009

Bin 3 Rules Promulgated Dec 15, 2007

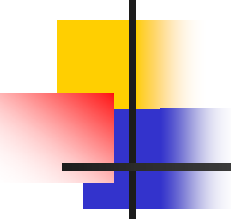


- Developed 9 rules in 4 FR Packages:
 - Clay Ceramics Mfg, Glass Mfg, Secondary Nonferrous Metals Processing
 - Paint Stripping and Miscellaneous Coating Operations (includes Autobody Refinishing)
 - Iron and Steel Foundries
 - Stainless/Nonstainless Steel Mfg/Electric Arc Furnaces



Three other categories promulgated in Dec 2007

- Separate court order from 2003:
 - Hospital Sterilizers
 - Gasoline Distribution
 - Reciprocating Internal Combustion Engines for new sources (This rule will not address existing engines – that rule to promulgate in 2009/2010)



Source Categories (10) for Fulfilling June 15, 2008 Deadline

- Fabricated Metal Products:
 - Electrical and Electronic Equipment Finishing Op.
 - Fabricated Metal Products, nec
 - Fabricated Plate Work (Boiler Shops)
 - Fabricated Structural Metal Manufacturing
 - Heating Equipment, Except Electric
 - Industrial Machinery and Equipment - Finishing Operations
 - Iron and Steel Forging
 - Primary Metal Products Manufacturing
 - Valves and Pipe Fittings
 - Plating and Polishing (Proposal published March 14)

Source Categories (10) for Fulfilling December 15, 2008 Deadline



- Agricultural Chemicals and Pesticides Manufacturing
- Cyclic Crude and Intermediate Production
- Industrial Inorganic Chemical Manufacturing
- Industrial Organic Chemical Manufacturing
- Inorganic Pigment Manufacturing
- Misc. Organic Chemical Manufacturing
- (MON) Pharmaceutical Production
- Plastic Materials and Resins Manufacturing
- Synthetic Rubber
- Ferroalloys Production: Ferromanganese and Silicomanganese

Source Categories (10) for Fulfilling December 15, 2008 Deadline (cont'd)



- Nine chemical manufacturing source categories will be consolidated
- Affected sources
 - Source manufactures chemical(s) described by NAICS code 325
 - Chemical manufacturing operations that use or produce any of the 16 of 30 listed urban HAP
- Processes covered by other area source standards will be exempt



Emission Points for Chemical Manufacturing Categories

- Eight emission points
 - Continuous process vents (CPV)
 - Batch process vents (BPV)
 - Metal particulate process vents (PV metals)
 - Cooling towers (CT)
 - Wastewater (WW)
 - Equipment leaks (EL)
 - Storage tanks (ST)
 - Transfer operations (TO)

Source Categories Scheduled for Fulfilling June 15, 2009 Deadline



- Aluminum Foundries
- Copper Foundries
- Nonferrous Foundries, nec
- Paint and Allied Products
- Prepared Feeds Materials
- Chemical Preparation
- Asphalt Processing and Asphalt Roofing Manufacturing



Status of Select Rulemakings

- Misc Organic Chemical Manufacturing – Proposal expected May 2008
- Aluminum Foundries- Data collection, expect proposal fall 2008
- Paint and Allied Products – Data Collection, expect proposal fall 2008
- Industrial Boilers - Settlement discussions ongoing; proposal expected 2009
- Sewage Sludge Incineration – Settlement discussions ongoing; proposal expected 2009
- Brick and Structural Clay Products – Pollutants of concern were covered by the Clay Ceramics Area Source Rule, 72FR73180, found at:
<http://www.epa.gov/ttn/atw/area/fr26de07.pdf>



For more information

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