Combined Rulemaking for Industrial, Commercial, and Institutional Boilers and Process Heaters at Major Sources of HAP and Industrial Boilers and Commercial and Institutional Boilers at Area Sources

> Panel SER Outreach Meeting February 10, 2009



















## Small Business Impacts in Vacated Boiler MACT

- Determined rule will not have significant impact on small entities Although small entities represent 32% of entities within the source categories, they are expected to incur only 4% of the total compliance costs Decisions resulting in minimizing impacts on small entities Separate subcategories for small and limited use units Many are located at small entities
  - No MACT floor could be identified for these subcategories . MACT floor = "No emission reductions"
  - Final rule contained no emission limitations for these subcategories
  - Establishing the alternative metals emission limit (to PM limit)
    - Some small entities burn a fuel containing very little metals
  - Establishing the health-based compliance alternatives





11

























Regulations commercial, Small ent	under dev and instit ity definition	velopment wil utional sector	l affect a number o 's ablished by SBA in t	of different in heir current ta	ndustrial, ble of small
business Sector	NAICS	Number of	Millions of Dollars	Major	Area
Wood Product Manufacturing	321	500	Revenue of Budger	Yes	Yes
Furniture	337	500		Yes	Yes
Utilities (Municipal)	221		4 million megawatt hours	Yes	No
Food Manufacturing	311	500		Yes	Yes
Elementary and Secondary Schools	611110		\$7.0	No	Yes
Hospitals	622		\$34.5	No	Yes
Religious Organizations	813110		\$7.0	No	Yes
Full-Service Restaurants	722110		\$7.0	No	Yes
Commercial Briating	323	500		Yes	Yes

Named Location	<u>Texas</u>	New Jersey	Projected U.S. Total
School	10,800	5,740	166,850
Church/Temple	1,780	2,500	54,000
Hotel/Motel/Inn	2,630	1,370	40,800
Apartments	8,900	3,400	117,300
Nursing Home	170	230	5,100
YMCA/YWCA	170	100	2,800
Mall	40	80	1,700
Restaurant	400	250	7,000
Hospital/Medical Center	500	400	20,000
Municipal Facilities	840	330	21,120
Funeral Home	50	100	2,200
Bank	400	400	9,900
Store	90	140	2,800
Dry Cleaners/Cleaners	2.000	1,500	38,800
Theater	13	9	250
Car Wash	320	90	3,650
Office	140	325	6,380
Total	56,707	57,583	1,345,800

## SMALL ENTITIES POTENTIALLY SUBJECT TO REGULATIONS

27



Total number of major sources that are small entities = 158				
•Or 9% of major sources				
Sector	Number of Small Entities			
Food and Kindred Products (NAICS 311)	7			
Plastics and Rubber Products (NAICS 326)	12			
Lumber and Wood Products (NAICS 321)	20			
Furniture and Fixtures (NAICS 337)	9			
Paper and Allied Products (NAICS 322)	16			
Chemical and Allied Products (NAICS 325)	18			
Electric, Gas, and Sanitary Services (i.e., Municipal Boilers) (NAICS 221)	26			
Fabricated Metals Products (NAICS 332)	9			
Petroleum Refining and Related Industries (NAICS 324)	8			
Transportation Equipment Manuf, (NAICS 336)	6			
Primary Metal Manuf. (NAICS 331)	6			

## Identification of Small Entities – Boiler Area Source

Sector	Estimated Number of Small Entities
Food Manufacturing (NAICS 311)	18,230
Wood Product Manufacturing (NAICS 321)	1,280
Religious Organizations (NAICS 8131)	37,465
Wholesale Trade (NAICS 422)	1,885
Real Estate (NAICS 531)	329,000
Educational Services (NAICS 611)	210,000
Traveler Accommodations (NAICS 7211)	42,700
Hospitals (NAICS 622)	23,800
Food Services and Drinking Places (NAICS 722)	21,200



	Company	Sector	Rule
1	City of Orrville, Ohio	Electric Generation	Boiler MACT
2	Sugar Cane Growers Cooperative	Food Manufacturing	Boiler MACT
3	Hartzell Hardwoods	Lumber	Boiler MACT
4	Waccamaw Community Hospital	Hospitals	Boiler Area Source
5	Bulter Printing	Printing	Boiler Area Source
6	Darby Schools	Educational Services	Boiler Area Source
7	Port Townsend Paper	Paper Manufacturing	Boiler MACT
8	Monadnock Paper Mills	Paper Manufacturing	Boiler MACT
9	Bamberg County Hospital	Hospitals	Boiler Area Source
10	Cedar Lane Farms	Green House	Boiler Area Source
11	American Forest & Paper Association	Paper Manufacturing Wood Product Manufacturing	Boiler MACT Boiler Area Source
12	National School Boards Association	Educational Services	Boiler Area Source
13	American Home Furnishings Alliance	Furniture and Related Product Manufacturing	Boiler MACT Boiler Area Source
14	Interfaith Coalition on Energy	Religious Organizations	Boiler Area Source
15	American Hotel & Lodging Association	Hotels/Motels	Boiler Area Source

## REGULATORY FLEXIBILITY OPTIONS for SMALL ENTITIES

33









