

Pollutant: Trichloroethylene

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Hand and Edge Tools Manufacturing	5.03E+00	0.04	99	
Cold Finishing of Steel Shapes	5.00E+00	0.04	99	
Industrial Controls	4.48E+00	0.04	100	
Semiconductor Manufacturing	4.42E+00	0.03	100	
Elevators and Moving Stairways Manufacturing	4.41E+00	0.03	100	
Computer Terminals	3.83E+00	0.03	100	
Friction Products Manufacturing	3.71E+00	0.03	100	
Electric Lamps	3.40E+00	0.03	100	
Wood Partitions and Fixtures	3.32E+00	0.03	100	
Electrical Industrial Apparatus, nec	3.28E+00	0.03	100	
Fabricated Pipe and Fittings	3.01E+00	0.02	100	
Optical Goods	2.92E+00	0.02	100	
Adhesives and Sealants	2.78E+00	0.02	100	
Metal Doors, Sash, and Trim	2.60E+00	0.02	100	
Special Industry Machinery, nec	2.32E+00	0.02	100	
Boils, Nuts, Rivets and Washers Manufacturing	2.25E+00	0.02	100	
Printing, Coating, and Dyeing of Fabrics	2.07E+00	0.02	100	
Process Control Instruments	2.06E+00	0.02	100	
Radio and Television Communications Equipment (3663)	1.88E+00	0.01	100	
Switchgear and Switchboard Apparatus	1.63E+00	0.01	100	
Chemicals and Allied Products, nec	1.45E+00	0.01	100	
Aluminum Extruded Products	1.32E+00	0.01	100	
Plywood/Particle Board Manufacturing	1.27E+00	0.01	100	
Speed Changers, Drives, and Gears	1.05E+00	0.01	100	
Ammunition, Except for Small Arms	7.75E-01	0.01	100	
Transformers, Except Electronic	6.80E-01	0.01	100	
Photographic Equipment And Supplies	5.00E-01	0.00	100	
Power Driven Handtools	5.00E-01	0.00	100	
Wood Products	5.00E-01	0.00	100	
Shipbuilding and Ship Repair (Surface Coating)	2.91E-01	0.00	100	
Polishes and Sanitation Goods Manufacturing	2.75E-01	0.00	100	
Household Vacuum Cleaners	2.50E-01	0.00	100	
Hydrochloric Acid Production	2.27E-01	0.00	100	
Machine Tool Accessories	1.25E-01	0.00	100	
Machine tools, Metal Cutting Types	1.25E-01	0.00	100	
Metal Forgings and Stampings	1.25E-01	0.00	100	
Metal Services, nec	1.25E-01	0.00	100	

Individual HAP Analysis

November 112(k)

Pollutant: Trichloroethylene

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Metalworking Machinery	1.25E-01	0.00	100	
Petroleum Refining (not subject to Petroleum Refining MACT)	1.25E-01	0.00	100	
Space Research and Technology	1.25E-01	0.00	100	
Cement, Hydraulic (not subject to Portland Cement MACT)	7.45E-02	0.00	100	
Tire Production	5.10E-02	0.00	100	
Brooms and Brushes	5.50E-03	0.00	100	
Chemicals and Allied Products Manufacturing	5.00E-03	0.00	100	
Hardware Manufacturing	5.00E-03	0.00	100	
Nonmetallic Mineral Products Manufacturing	2.50E-03	0.00	100	

Pollutant: Vinyl Chloride

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Municipal Landfills	4.00E+02	82.691	82.69	Area Source Category Already Subjected or Will Be Subjected to Regulation
Polyvinyl Chloride and Copolymers Production	5.77E+01	11.925	94.62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.21E+01	2.493	97.11	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.17E+00	0.654	97.76	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	3.37E-01	0.070	97.83	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	2.99E+00	0.619	98.45	Area Source Category Already Subjected or Will Be Subjected to Regulation
Unsupported Plastics Film & Sheet	7.20E+00	1.488	99.94	
Hydrochloric Acid Production	2.23E-01	0.046	99.99	
Tire Production	6.76E-02	0.014	100.00	

November 112(k)

Individual HAP Analysis

Pollutant: Polycyclic Organic Matter as 7-PAH

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Urban Area Emissions	Area Source Regulation Flag
Stationary Internal Combustion Engines	4.62E-01	34.203	34.20	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	2.05E-01	15.183	49.39	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	7.93E-02	5.867	55.25	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	8.29E-03	0.614	55.87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	1.17E-03	0.086	55.95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	7.90E-04	0.059	56.01	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	4.24E-08	0.000	56.01	Area Source Category Already Subjected or Will Be Subjected to Regulation
Ferroalloy Production	2.04E-02	1.509	57.52	New Area Source Category Being Listed
Carbon Black Production	2.45E-01	18.163	75.68	New Area Source Category Being Listed
Asphalt Processing and Asphalt Roofing Manufacturing	2.34E-01	17.356	93.04	New Area Source Category Being Listed
Asphalt Concrete Manufacturing	9.40E-02	6.959	100.00	
Drum and Barrel Reclamation	1.27E-06	0.000	100.00	

Pollutant: 1,1,2,2-Tetrachloroethane

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Municipal Landfills	1.62E+02	0.936	93.60	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.07E+01	0.062	99.75	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	2.50E-01	0.001	99.90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	8.82E-02	0.001	99.95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	3.18E-02	0.000	99.97	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	4.38E-03	0.000	99.97	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	3.50E-03	0.000	99.97	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	5.00E-03	0.000	99.97	New Area Source Category Being Listed
Tire Production	4.65E-02	0.000	100.00	
Hydrochloric Acid Production	5.66E-04	0.000	100.00	

Pollutant: 1,2-Dichloropropane

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Municipal Landfills	1.77E+01	0.920	92.01	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	5.78E-01	0.030	95.00	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	9.12E-01	0.047	99.73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Tire Production	5.13E-02	0.003	100.00	

Individual HAP Analysis

November 112(K)

Pollutant: 1,3-Butadiene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Secondary Lead Smelting	3.26E+01	0.4	41	Area Source Category Already Subjected or Will Be Subjected to Regulation
Synthetic Rubber Manufacturing	1.47E+01	0.2	59	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.36E+01	0.2	76	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	8.58E+00	0.1	86	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	6.26E+00	0.1	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	1.27E+00	0.0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Polyvinyl Chloride and Copolymers Production	2.40E+03	0.0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	8.45E+01	0.0	97	New Area Source Category Being Listed
Motor and Generators Manufacturing	1.25E+01	0.0	97	New Area Source Category Being Listed
Petroleum Refining (not subject to Petroleum Refining MACT)	1.60E+00	0.0	99	
Hydrochloric Acid Production	3.18E+01	0.0	99	
Wet Corn Milling	2.50E+01	0.0	100	
Reinforced Plastic Composites Production	1.89E+01	0.0	100	
Tire Production	4.52E+02	0.0	100	
Commercial Physical Research	4.00E+03	0.0	100	

11/25/2002

Pollutant: 1,3-Dichloropropene

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Inorganic Chemical Manufacturing	1.57E+00	0.820	82.00	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	4.84E-02	0.025	84.53	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	2.50E-01	0.131	97.63	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	4.52E-02	0.024	100.00	Area Source Category Already Subjected or Will Be Subjected to Regulation

Individual HAP Analysis

November 112(K)

Pollutant: Acetaldehyde

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Stationary Internal Combustion Engines	7.81E+02	0.860	85.97	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	1.56E+01	0.017	87.69	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	1.48E+01	0.016	89.32	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	5.75E+00	0.006	89.96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	2.70E+00	0.003	90.25	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	1.85E+00	0.002	90.46	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	1.77E-01	0.000	90.48	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	1.72E-01	0.000	90.49	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.28E-01	0.000	90.51	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.98E+01	0.022	92.69	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.42E-01	0.000	92.70	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Combustion Turbines	2.85E+01	0.031	95.84	
Softwood Drying Kilns	1.68E+01	0.018	97.69	
Nutritional Yeast Manufacturing	1.63E+01	0.018	99.48	
Food Preparations Production	3.84E+00	0.004	99.90	
Wet Corn Milling	7.75E-01	0.001	99.98	
Chemical Manufacturing: Phenol Manufacturing	5.31E-02	0.000	99.99	
Plywood/Particle Board Manufacturing	4.69E-02	0.000	99.99	
Flavoring Extracts and Syrups Production	2.85E-02	0.000	100.00	
Tire Production	1.77E-02	0.000	100.00	
Chemicals and Allied Products, nec	3.00E-03	0.000	100.00	

11/22/2002

Individual HAP Analysis

November 112(k)

Pollutant: Acrolein

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Publicly Owned Treatment Works (POTW) Emissions	1.93E+01	91.320	91.32	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	6.82E-01	3.222	94.54	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	5.37E-01	2.537	97.08	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	4.55E-01	2.148	99.23	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	2.11E-02	0.100	99.33	Area Source Category Already Subjected or Will Be Subjected to Regulation
Tire Production	1.43E-01	0.673	100.00	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Acrylonitrile

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Municipal Landfills	2.93E+02	77.895	77.90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Acrylic Fibers/Modacrylic Fibers Production	3.74E+01	9.961	87.86	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	2.05E+01	5.485	93.32	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	9.50E+00	2.527	95.85	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	6.12E+00	1.628	97.48	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	4.04E+00	1.075	98.55	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	2.93E+00	0.780	99.33	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	1.53E+00	0.406	99.74	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	3.85E-02	0.010	99.75	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	2.50E-03	0.001	99.75	Area Source Category Already Subjected or Will Be Subjected to Regulation
Paints and Allied Products Manufacturing	3.78E-01	0.100	99.85	New Area Source Category Being Listed
Chemical Preparations	3.30E-02	0.009	99.86	New Area Source Category Being Listed
Fabricated Rubber Products, nec	2.50E-01	0.066	99.92	
Tire Production	1.28E-01	0.034	99.96	
Surface Active Agents Manufacturing	1.25E-01	0.033	99.99	
Reinforced Plastic Composites Production Cement, Hydraulic (not subject to Portland Cement MACT)	2.96E-02 3.50E-03	0.008 0.001	100.00 100.00	
Shipbuilding and Ship Repair (Surface Coating)	2.32E-03	0.001	100.00	

Pollutant: Arsenic Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Institutional/Commercial Heating	3.37E+00	20.8	21	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	3.11E+00	19.2	40	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	1.56E+00	9.6	50	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	1.19E+00	7.4	57	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	3.40E-01	2.1	59	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	1.24E-01	0.8	60	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement (Combined)	1.21E-01	0.7	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	6.56E-02	0.4	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	5.98E-02	0.4	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	1.64E-02	0.1	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Open Burning: Scrap Tires	7.88E-03	0.0	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.00E-03	0.0	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.68E+00	10.4	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	1.60E+00	9.9	82	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	1.38E+00	8.5	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.79E-01	2.3	93	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	2.69E-01	1.7	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Nonstainless EAF	2.50E-01	1.5	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Lead Acid Battery Manufacturing	1.75E-02	0.1	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	2.50E-03	0.0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Arsenic Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Pharmaceuticals Production	5.00E-04	0.0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	3.41E-05	0.0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Primary Copper (not subject to Primary Copper Smelting MACT)	2.50E-01	1.5	98	New Area Source Category Being Listed
Primary Smelting and Refining of Zinc	2.50E-01	1.5	99	Category Incorporated into Primary Nonferrous Metals - Zinc, Cadmium and Beryllium
Prepared Feeds Manufacturing	1.25E-01	0.8	100	New Area Source Category Being Listed
Primary Nonferrous Metals Production	1.40E-02	0.1	100	Category Incorporated into Primary Nonferrous Metals - Zinc, Cadmium and Beryllium
Custom Compound Purchased Resins Manufacturing	5.00E-03	0.0	100	
Lead Pencils, Art Goods Manufacturing	5.00E-03	0.0	100	
Wool Fiberglass Manufacturing	2.05E-04	0.0	100	
Plywood/Particle Board Manufacturing	1.75E-04	0.0	100	
Aerospace Industries	1.01E-04	0.0	100	
Hydrochloric Acid Production	3.57E-05	0.0	100	

Pollutant: Benzene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Oil and Natural Gas Production	4.15E+03	47.732	47.73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Gasoline Distribution Stage I: Publicly Owned Treatment Works (POTW) Emissions	3.15E+03	36.202	83.93	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	3.59E+02	4.125	88.06	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	3.29E+02	3.785	91.84	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.30E+02	1.495	93.34	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	3.94E+01	0.453	93.79	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.76E+01	0.202	93.99	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	1.75E+01	0.201	94.19	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.09E+01	0.126	94.32	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	9.46E+00	0.109	94.43	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	5.59E+00	0.064	94.49	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	4.49E+00	0.052	94.54	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	2.66E+00	0.031	94.58	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	2.52E+00	0.029	94.60	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.38E+00	0.016	94.62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	3.87E-01	0.004	94.62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	2.37E-02	0.000	94.62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Paints and Allied Products Manufacturing	2.50E-03	0.000	94.62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	9.50E+00	0.109	94.73	New Area Source Category Being Listed
Clay Products Manufacturing	7.50E-01	0.009	94.74	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	2.80E-02	0.000	94.74	New Area Source Category Being Listed
Natural Gas Transmissions and Storage	1.80E-02	0.000	94.74	New Area Source Category Being Listed
	2.76E+02	3.172	97.92	

Individual HAP Analysis

November 112(K)

Pollutant: Benzene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Petroleum Refineries: Other Sources Not Distinctly Listed	1.10E+02	1.259	99.17	
Petroleum Refining (not subject to Petroleum Refining MACT)	4.61E+01	0.529	99.70	
Aerospace Industries	8.66E+00	0.100	99.80	
Highway And Street Construction	7.13E+00	0.082	99.89	
Stationary Combustion Turbines	3.14E+00	0.036	99.92	
Petroleum Bulk Stations and Terminals (not subject to Petroleum Refining MACT)	1.69E+00	0.019	99.94	
Manufacturing Industries, nec	1.63E+00	0.019	99.96	
Hydrochloric Acid Production	1.06E+00	0.012	99.97	
Asphalt Concrete Manufacturing	7.60E-01	0.009	99.98	
Asphalt Roofing Manufacturing	3.42E-01	0.004	99.98	
Commercial Physical Research	2.68E-01	0.003	99.99	
Metal Furniture (Surface Coating)	2.50E-01	0.003	99.99	
Lubricating Oils and Greases	1.82E-01	0.002	99.99	
Hand and Edge Tools Manufacturing	1.35E-01	0.002	99.99	
Large Appliance (Surface Coating)	1.25E-01	0.001	100.00	
Potato Chips and Similar Snacks	1.25E-01	0.001	100.00	
Space Research and Technology	1.25E-01	0.001	100.00	
Cement, Hydraulic (not subject to Portland Cement MACT)	8.10E-02	0.001	100.00	
Tire Production	3.70E-02	0.000	100.00	
Chemicals and Allied Products, nec	2.60E-02	0.000	100.00	
Motor Vehicle Equipment	1.55E-02	0.000	100.00	
Carburetors, Pistons, Rings and Valves Manufacturing	6.50E-03	0.000	100.00	
Condensed and Evaporated milk	2.50E-03	0.000	100.00	
Nonmetallic Mineral Products Manufacturing	2.50E-03	0.000	100.00	
Taconite Iron Ore Processing	2.35E-03	0.000	100.00	

11/22/2002

Individual HAP Analysis

November 112(K)

Pollutant: Beryllium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Institutional/Commercial Heating	7.38E-01	67.9	68	Area Source Category Already Subjected or Will Be Subjected to Regulation
Aluminum Foundries (Castings)	1.28E-01	11.7	80	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	8.55E-02	7.9	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	6.89E-02	6.3	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	4.92E-02	4.5	98	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Combined	9.46E-03	0.9	99	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	7.56E-04	0.1	99	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	7.22E-03	0.7	100	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel	1.60E-04	0.0	100	Area Source Category Already Subjected or Will Be Subjected to Regulation
Manufacture - EAF	4.26E-06	0.0	100	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	5.00E-04	0.0	100	Area Source Category Already Subjected or Will Be Subjected to Regulation
Electronic Components, nec				

Individual HAP Analysis

November 11/2(K)

Pollutant: Cadmium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Secondary Lead Smelting	5.52E+00	17.3	17	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	4.90E+00	15.3	33	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.60E+00	11.3	44	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	2.81E+00	8.8	53	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cadmium Refining and Cadmium Oxide Production	2.55E+00	8.0	61	New Area Source Category Being Listed
Secondary Copper	2.48E+00	7.8	68	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	1.40E+00	4.4	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	1.27E+00	4.0	77	Area Source Category Already Subjected or Will Be Subjected to Regulation
Aluminum Foundries	9.92E-01	3.1	80	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Combined	3.84E-01	1.2	81	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	3.76E-01	1.2	82	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	3.54E-01	1.1	83	Area Source Category Already Subjected or Will Be Subjected to Regulation
Lead Acid Battery Manufacturing	3.48E-01	1.1	84	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	3.25E-01	1.0	85	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	2.50E-01	0.8	86	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	2.50E-01	0.8	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	2.12E-01	0.7	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	4.92E-02	0.2	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	2.30E-02	0.1	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	8.00E-03	0.0	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	6.08E-03	0.0	88	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Cadmium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Secondary Nonferrous Metals Production	5.50E-03	0.0	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	2.21E-03	0.0	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Primary Copper (not subject to Primary Copper Smelting MACT)	5.09E-01	1.6	90	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	3.75E-01	1.2	91	New Area Source Category Being Listed
Fabricated Metal Products, nec	2.50E-01	0.8	91	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	2.50E-01	0.8	92	New Area Source Category Being Listed
Primary Nonferrous Metals - Zinc, Cadmium and Beryllium	1.25E-01	0.4	93	New Area Source Category Being Listed
Primary Metal Products Manufacturing	4.90E-02	0.2	93	New Area Source Category Being Listed
Chemical Preparations	5.00E-03	0.0	93	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	5.00E-03	0.0	93	New Area Source Category Being Listed
Secondary Zinc Production	7.68E-01	2.4	95	New Area Source Category Being Listed
Copper Rolling and Drawing	3.31E-01	1.0	96	
Copper Rolling stampings	2.50E-01	0.8	97	
Lead Pencils, Art Goods Manufacturing	2.50E-01	0.8	98	
Nonferrous Rolling and Drawing	2.50E-01	0.8	99	
Commercial Printing, Letterpress, and Screen	1.25E-01	0.4	99	
Large Appliance (Surface Coating)	1.25E-01	0.4	99	
Space Research and Technology	1.25E-01	0.4	100	
Carbon Black Production	4.38E-02	0.1	100	
Custom Compound Purchased Resins Manufacturing	5.00E-03	0.0	100	
Nonferrous Wire Drawing and Insulating	5.00E-03	0.0	100	
Metal Heat Treating Manufacturing	5.00E-03	0.0	100	
Tire Production	9.06E-04	0.0	100	
Primary Battery, Dry and Wet Manufacture	5.00E-04	0.0	100	
Reinforced Plastic Composites Production	2.93E-04	0.0	100	
Aerospace Industries	1.01E-04	0.0	100	
Hydrochloric Acid Production	2.23E-05	0.0	100	

Individual HAP Analysis

November 112(k)

Pollutant: Chloroform

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Publicly Owned Treatment Works (POTW) Emissions	3.52E+02	87.847	87.85	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	1.15E+01	2.865	90.71	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	3.14E+00	0.783	91.49	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.91E+00	0.476	91.97	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	1.40E+00	0.350	92.32	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.32E+00	0.328	92.65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.08E+00	0.269	92.92	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	3.60E-01	0.090	93.01	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	2.02E-02	0.005	93.01	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastic Parts and Products (Surface Coating)	3.25E+00	0.811	93.82	Area Source Category Already Subjected or Will Be Subjected to Regulation
Paper Mills (not subject to Pulp and Paper MACT)	1.34E+01	3.338	97.16	New Area Source Category Being Listed
Paper And Allied Products	9.50E+00	2.370	99.53	
Unsupported Plastics Film & Sheet	1.08E+00	0.269	99.80	
Chemicals and Allied Products, nec	3.52E-01	0.088	99.89	
Hydrochloric Acid Production	1.81E-01	0.045	99.93	
Cement, Hydraulic (not subject to Portland Cement MACT)	9.85E-02	0.025	99.96	
Adhesives and Sealants	9.55E-02	0.024	99.98	
Tire Production	6.72E-02	0.017	100.00	
Nonmetallic Mineral Products Manufacturing	2.50E-03	0.001	100.00	
Space Research and Technology	2.50E-03	0.001	100.00	

Pollutant: Chromium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Hard Chromium Electroplating	1.38E+02	41.7	42	Area Source Category Already Subjected or Will Be Subjected to Regulation
Steel Foundries	1.89E+01	5.7	47	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	1.15E+01	3.5	51	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	1.11E+01	3.3	54	Area Source Category Already Subjected or Will Be Subjected to Regulation
Decorative Chromium Electroplating	9.94E+00	3.0	57	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	8.81E+00	2.7	60	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chronic Acid Anodizing	3.37E+00	1.0	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.00E+00	0.9	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	2.58E+00	0.8	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	2.40E+00	0.7	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	1.85E+00	0.6	64	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	1.64E+00	0.5	64	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	1.47E+00	0.4	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	1.27E+00	0.4	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	1.14E+00	0.3	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	5.56E-01	0.2	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	4.15E-01	0.1	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	3.70E-01	0.1	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	1.70E-01	0.1	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Combined	1.34E-01	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Chromium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Plastics Materials and Resins Manufacturing	1.30E-01	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.30E-01	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.03E-01	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	4.92E-02	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	1.63E-02	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Lead Acid Battery Manufacturing	5.00E-03	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	2.15E-03	0.0	66	Area Source Category Already Subjected or Will Be Subjected to Regulation
Fabricated Plate Work (Boiler Shops)	1.18E+01	3.6	69	New Area Source Category Being Listed
Chemical Manufacturing: Chromium Compounds	9.79E+00	3.0	72	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	6.99E+00	2.1	74	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	6.73E+00	2.0	76	New Area Source Category Being Listed
Fabricated Structural Metal Manufacturing	6.38E+00	1.9	78	New Area Source Category Being Listed
Primary Metal Products Manufacturing	5.49E+00	1.7	80	New Area Source Category Being Listed
Electrical and Electronic Equipment - Finishing Operations	5.24E+00	1.6	82	New Area Source Category Being Listed
Industrial Machinery and Equipment - Finishing Operations	4.84E+00	1.5	83	New Area Source Category Being Listed
Iron and Steel Forging	4.79E+00	1.4	85	New Area Source Category Being Listed
Heating Equipment Except Electric	4.14E+00	1.3	86	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	3.18E+00	1.0	87	New Area Source Category Being Listed
Electrometallurgical Products Manufacturing	2.60E+00	0.8	88	New Area Source Category Being Listed
Chemical Preparations	2.10E+00	0.6	88	New Area Source Category Being Listed
Fabricated Metal Products, nec	1.40E+00	0.4	89	New Area Source Category Being Listed
Clay Products Manufacturing	1.10E+00	0.3	89	New Area Source Category Being Listed
Nonferrous Foundries, nec	8.58E-01	0.3	89	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	7.87E-01	0.2	89	New Area Source Category Being Listed
Prepared Feeds Manufacturing	2.50E-01	0.1	90	New Area Source Category Being Listed

Individual HAP Analysis

November 112(K)

Pollutant: Chromium Compounds

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Primary Copper (not subject to Primary Copper Smelting MACT)	2.50E-01	0.1	90	New Area Source Category Being Listed
Primary Nonferrous Metals Production	1.60E-01	0.0	90	New Area Source Category Being Listed
Custom Compound Purchased Resins Manufacturing	3.69E+00	1.1	91	
Railroad Equipment Manufacturing	2.50E-01	0.1	91	
Printing Trades Machinery Manufacturing	1.85E+00	0.6	91	
Printing, Coating, and Dyeing of Fabrics	1.46E+00	0.4	92	
Farm Machinery and Equipment Manufacturing	1.02E+00	0.3	92	
Wire Springs	1.01E+00	0.3	92	
Steel Pipe and Tubes Manufacturing	8.30E-01	0.3	93	
Nonclay Refractories (not subject to Refractories Manufacturing MACT)	7.86E-01	0.2	93	
Metal coating and allied services (3479)	7.81E-01	0.2	93	
Sheet Metal Work	7.76E-01	0.2	93	
Aerospace Industries	7.15E-01	0.2	94	
Miscellaneous Fabricated Wire Products	6.54E-01	0.2	94	
Miscellaneous Fabricated Metal Products	6.51E-01	0.2	94	
Refractories Manufacturing	6.48E-01	0.2	94	
Metal Stampings Manufacturing	6.29E-01	0.2	94	
Paper Industries Machinery	6.27E-01	0.2	95	
Cold Finishing of Steel Shapes	5.37E-01	0.2	95	
Printing Ink	5.37E-01	0.2	95	
Automotive stampings	5.15E-01	0.2	95	
General Industrial Machinery Manufacturing	5.15E-01	0.2	95	
Steel Wire and Related Products Manufacturing	5.08E-01	0.2	95	
Conveyors and Conveying Equipment Manufacturing	5.05E-01	0.2	96	
Mining Machinery Manufacturing	5.03E-01	0.2	96	
Special Dies, Tools, Jigs and Fixtures	5.00E-01	0.2	96	

11/22/2002

Pollutant: Chromium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Steel and Iron Reclamation- Auto Scrap Burning	5.00E-01	0.2	96	
Ball and Roller Bearings Manufacturing	4.19E-01	0.1	96	
Nonferrous Forgings	3.93E-01	0.1	96	
Aluminum Extruded Products	3.89E-01	0.1	96	
Industrial Machinery, nec	3.85E-01	0.1	96	
Metal Sanitary Ware Manufacturing	3.78E-01	0.1	97	
Unsupported Plastics Profile Shapes	3.78E-01	0.1	97	
Turbines and Turbine Generator Sets	3.77E-01	0.1	97	
Cement, Hydraulic (not subject to Portland Cement MACT)	3.58E-01	0.1	97	
Plumbing Fixture Fittings and Trim	3.35E-01	0.1	97	
Manufacturing Industries, nec	3.25E-01	0.1	97	
Hand and Edge Tools Manufacturing	3.09E-01	0.1	97	
Machine tools, Metal Cutting Types	2.79E-01	0.1	97	
Nonferrous Rolling and Drawing	2.67E-01	0.1	97	
Hardware Manufacturing	2.66E-01	0.1	97	
Large Appliance (Surface Coating)	2.65E-01	0.1	98	
Soap and Other Detergents	2.55E-01	0.1	98	
Manufacturing	2.53E-01	0.1	98	
Air and Gas Compressors	2.50E-01	0.1	98	
Brooms and Brushes	2.50E-01	0.1	98	
Carburetors, Pistons, Rings and Valves Manufacturing	2.50E-01	0.1	98	
Cutlery	2.50E-01	0.1	98	
Electric Lamps	2.50E-01	0.1	98	
Iron and Steel Foundries (not subject to Iron Foundries MACT)	2.50E-01	0.1	98	
Lead Pencils, Art Goods	2.50E-01	0.1	98	
Manufacturing	2.50E-01	0.1	98	
Metal Doors, Sash, and Trim	2.50E-01	0.1	98	
Nonferrous Die-castings, Except Aluminum	2.50E-01	0.1	98	
Paper and Other Webs (Surface Coating)	2.50E-01	0.1	98	
Welding Apparatus	1.78E-01	0.1	98	
Metal Valves	1.74E-01	0.1	99	

Pollutant: Chromium Compounds

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Petroleum Refining (not subject to Petroleum Refining MACT)	1.67E-01	0.1	99	
Industrial Furnaces and Ovens	1.63E-01	0.0	99	
Blowers and Fans	1.50E-01	0.0	99	
Reinforced Plastic Composites Production	1.46E-01	0.0	99	
Aluminum Foundries (Castings)	1.36E-01	0.0	99	
Food Products Machinery	1.36E-01	0.0	99	
Magnetic and Optical Recording Media Manufacturing	1.33E-01	0.0	99	
Metal Heat Treating Manufacturing	1.30E-01	0.0	99	
Plumbing And Heating, Except Electric Small Arms	1.28E-01	0.0	99	
Space Research and Technology	1.28E-01	0.0	99	
Copper Rolling and Drawing	1.26E-01	0.0	99	
Fabricated Metal Products Manufacturing	1.25E-01	0.0	99	
Fabricated Pipe and Fittings	1.25E-01	0.0	99	
Heavy Construction, Nec	1.25E-01	0.0	99	
Manifold Business Forms	1.25E-01	0.0	99	
Metal Forgings and Stampings	1.25E-01	0.0	99	
Metal Services, nec	1.25E-01	0.0	99	
Rubber and Plastic Hose and Belting Manufacturing	1.25E-01	0.0	99	
Switchgear and Switchboard Apparatus	1.25E-01	0.0	99	
Welding Apparatus, Electric	1.25E-01	0.0	99	
Surgical and Medical Instruments Manufacturing	1.25E-01	0.0	99	
Leather Tanning and Finishing Operations	1.16E-01	0.0	99	
Metal Coil (Surface Coating)	1.07E-01	0.0	99	
Printing/Publishing (Surface Coating)	8.00E-02	0.0	100	
Special Industry Machinery, nec	6.25E-02	0.0	100	
Speed Changers, Drives, and Gears	3.10E-02	0.0	100	
Screw Machine Products Manufacturing	2.55E-02	0.0	100	
Fabricated Structural Metal Products	2.35E-02	0.0	100	

Individual HAP Analysis

November 112(k)

Pollutant: Chromium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Fluid Power Pumps and Motors	1.90E-02	0.0	100	
Miscellaneous Plastics Products	1.75E-02	0.0	100	
Tire Production	1.21E-02	0.0	100	
Polishes and Sanitation Goods Manufacturing	1.15E-02	0.0	100	
Food Products Machinery Manufacturing	1.00E-02	0.0	100	
Asphalt Concrete Manufacturing	9.00E-03	0.0	100	
Process Control Instruments	8.50E-03	0.0	100	
Asphalt Roofing Manufacturing	8.00E-03	0.0	100	
Electronic Components, nec	7.50E-03	0.0	100	
Boat Manufacturing	5.00E-03	0.0	100	
Bolts, Nuts, Rivets and Washers Manufacturing	5.00E-03	0.0	100	
Commercial Physical Research	5.00E-03	0.0	100	
Fabricated Rubber Products, nec	5.00E-03	0.0	100	
Lighting Equipment	5.00E-03	0.0	100	
Meat Packing Plants	5.00E-03	0.0	100	
Paperboard Mills	5.00E-03	0.0	100	
Photographic Equipment And Supplies	5.00E-03	0.0	100	
Radio and Television Communications Equipment (3663)	5.00E-03	0.0	100	
Transformers, Except Electronic	5.00E-03	0.0	100	
Shipbuilding and Ship Repair (Surface Coating)	4.69E-03	0.0	100	
Clay Refractories (not subject to Refractories Manufacturing MACT)	4.00E-03	0.0	100	
Gaskets, Packing and Sealing Devices Manufacturing	3.50E-03	0.0	100	
Saw Blades and Handsaws	3.50E-03	0.0	100	
Textile Machinery	3.50E-03	0.0	100	
Electrical Industrial Apparatus, nec	2.50E-03	0.0	100	
Engineering, Laboratory, Scientific and Research	2.50E-03	0.0	100	
Fluid Power Cylinders and Actuators	2.50E-03	0.0	100	
Internal Combustion Engine Manufacturing	2.50E-03	0.0	100	
Machine Tool Accessories	2.50E-03	0.0	100	
Metal Barrels, Drums, and Pails Manufacturing	2.50E-03	0.0	100	

Pollutant: Chromium Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Metal Furniture (Surface Coating)	2.50E-03	0.0	100	
Noncurrent-Carrying Wiring Devices	2.50E-03	0.0	100	
Steel Springs, Except Wire	2.50E-03	0.0	100	
Surface Active Agents Manufacturing Tanks and Tank Components Manufacturing	2.50E-03	0.0	100	
Wool Fiberglass Manufacturing	2.50E-03	0.0	100	
Adhesives and Sealants	1.21E-03	0.0	100	
Power Transmission Equipment	1.00E-03	0.0	100	
Plywood/Particle Board Manufacturing	5.00E-04	0.0	100	
Hydrochloric Acid Production	1.75E-04	0.0	100	
	8.91E-06	0.0	100	

Individual HAP Analysis

November 112(k)

Pollutant: Dioxins/Furans as 2,3,7,8-TCDD TEQ

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Medical Waste Incinerators	3.87E-04	73.447	73.45	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	5.35E-05	10.139	83.59	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	1.51E-05	2.871	86.46	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	1.15E-05	2.180	88.64	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Combined	4.60E-06	0.872	89.51	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	3.48E-06	0.660	90.17	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	2.61E-07	0.050	90.22	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	2.53E-05	4.803	95.02	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	2.24E-05	4.250	99.27	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Copper	3.52E-06	0.666	99.94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Drum and Barrel Reclamation	2.51E-07	0.047	99.98	Area Source Category Already Subjected or Will Be Subjected to Regulation
Carbon Reactivation Furnaces	8.31E-08	0.016	100.00	

Individual HAP Analysis

November 112(K)

Pollutant: Ethylene Dichloride

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Municipal Landfills	3.54E+01	52.7	53	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	9.73E+00	14.5	67	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	6.73E+00	10.0	77	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	4.39E+00	6.5	84	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	2.13E+00	3.2	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Gasoline Distribution Stage I	1.56E+00	2.3	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	1.04E+00	1.5	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	7.41E-02	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	6.28E-02	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.47E-02	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	1.30E+00	1.9	93	New Area Source Category Being Listed
Soap and Other Detergents Manufacturing	4.38E+00	6.5	99	
Petroleum Refining (not subject to Petroleum Refining MACT)	3.08E-01	0.5	100	
Tire Production	5.23E-02	0.1	100	
Cement, Hydraulic (not subject to Portland Cement MACT)	3.50E-02	0.1	100	
Chemicals and Allied Products Manufacturing	5.00E-03	0.0	100	
Commercial Physical Research	3.50E-03	0.0	100	
Space Research and Technology	2.50E-03	0.0	100	
Shipbuilding and Ship Repair (Surface Coating)	2.32E-03	0.0	100.00	

Individual HAP Analysis

November 112(k)

Pollutant: Ethylene Oxide

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Hospital Sterilizers	9.97E+02	87.4	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Commercial Sterilization Facilities	4.24E+01	3.7	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.49E+01	1.3	92	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	1.12E+01	1.0	93	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.21E+00	0.1	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	6.59E-01	0.1	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	5.29E-01	0.0	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.75E-02	0.0	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	2.50E-03	0.0	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	1.58E+01	1.4	95	New Area Source Category Being Listed
Prepared Feeds Manufacturing	2.65E+00	0.2	95	New Area Source Category Being Listed
Surface Active Agents Manufacturing	2.01E+01	1.8	97	New Area Source Category Being Listed
Polyether Polyols Production	1.82E+01	1.6	99	
Special Industry Machinery, nec	1.02E+01	0.9	100	
Wet Corn Milling	2.01E+00	0.2	100	
Industrial Gases Manufacturing	1.84E+00	0.2	100	
Surgical and Medical Instruments Manufacturing	1.03E+00	0.1	100	
Soap and Other Detergents Manufacturing	3.82E-01	0.0	100	
Chemicals and Allied Products Manufacturing	2.50E-01	0.0	100	
Hydrochloric Acid Production	1.11E-01	0.0	100	
Electronic Components, nec	4.85E-02	0.0	100	
Refuse Systems	2.00E-02	0.0	100	

Individual HAP Analysis

November 112(k)

Pollutant: Formaldehyde

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Stationary Internal Combustion Engines	9.28E+03	92	92	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	1.98E+02	2	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	8.18E+01	1	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	2.79E+01	0	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.56E+01	0	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.09E+01	0	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Steel Foundries	1.03E+01	0	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	9.80E+00	0	95	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	9.38E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides Cyclic Crude and Intermediate Production	9.28E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	4.21E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	3.70E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	1.46E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	1.42E+00	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	9.95E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	9.59E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	8.14E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	5.55E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	5.44E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	4.75E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
	3.78E-01	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation

11/25/2002

Pollutant: Formaldehyde

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Other Solid Waste Incineration (Human/Animal Cremation)	1.19E-07	0	96	Area Source Category Already Subjected or Will Be Subjected to Regulation
Chemical Preparations	1.40E+01	0	96	New Area Source Category Being Listed
Fertilizers, Mixing only	4.15E+00	0	96	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	2.85E+00	0	96	New Area Source Category Being Listed
Paints and Allied Products	1.90E+00	0	96	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	2.50E-01	0	96	New Area Source Category Being Listed
Motors and Generators Manufacture	1.25E-01	0	96	New Area Source Category Being Listed
Clay Products Manufacturing	5.00E-03	0	96	New Area Source Category Being Listed
Stationary Combustion Turbines	2.23E+02	2	98	
Softwood Drying Kilns	2.48E+01	0	98	
Plywood/Particle Board Manufacturing	1.93E+01	0	99	
Wool Fiberglass Manufacturing	1.82E+01	0	99	
Paper Mills (not subject to Pulp and Paper MACT)	1.81E+01	0	99	
Miscellaneous Plastics Products	1.04E+01	0	99	
Reconstituted Wood Products	9.65E+00	0	99	
Softwood Veneer and Plywood	7.80E+00	0	99	
Blowers and Fans	7.63E+00	0	99	
Aerospace Industries	7.39E+00	0	99	
Cathode Ray Television Picture Tubes Manufacturing	5.72E+00	0	100	
Fabricated Textile Products, nec	5.50E+00	0	100	
Paper and Other Webs (Surface Coating)	4.43E+00	0	100	
Surface Active Agents Manufacturing	4.18E+00	0	100	
Wood Furniture (Surface Coating)	3.98E+00	0	100	
Instruments to Measure Electricity	3.95E+00	0	100	
Printing, Coating, and Dyeing of Fabrics	3.74E+00	0	100	
Mineral Wool Manufacturing (not subject to Mineral Wool Production MACT)	2.02E+00	0	100	
Tires and Inner Tubes (not subject to Tire Production MACT)	1.65E+00	0	100	
Refractories Manufacturing	1.51E+00	0	100	
Electronic Components, nec	1.23E+00	0	100	

Pollutant: Formaldehyde

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Nonferrous Die-castings, Except Aluminum	1.18E+00	0	100	
Sawmills and Planing Mills, general	1.18E+00	0	100	
General Industrial Machinery Manufacturing	1.12E+00	0	100	
Gum and Wood Chemical Manufacturing	9.53E-01	0	100	
Paper Coating and Glazing Manufacturing	9.18E-01	0	100	
Adhesives and Sealants	8.32E-01	0	100	
Friction Products Manufacturing	7.72E-01	0	100	
Soap and Other Detergents Manufacturing	7.58E-01	0	100	
Metal Stampings Manufacturing	7.25E-01	0	100	
Photographic Equipment And Supplies	6.22E-01	0	100	
Millwork, Plywood, and Structural Members	5.50E-01	0	100	
Particleboard	5.00E-01	0	100	
Hardware Manufacturing	4.46E-01	0	100	
Nitrogenous Fertilizers	3.88E-01	0	100	
Food Preparations Production	3.75E-01	0	100	
Hand and Edge Tools Manufacturing	3.75E-01	0	100	
Metal Barrels, Drums, and Pails Manufacturing	3.32E-01	0	100	
Polishes and Sanitation Goods Manufacturing	3.01E-01	0	100	
Metal Furniture (Surface Coating)	2.85E-01	0	100	
Asphalt Roofing Manufacturing	2.50E-01	0	100	
Brooms and Brushes	2.50E-01	0	100	
Drapery Hardware and Blinds and Shades	2.50E-01	0	100	
Metal coating and allied services (3479)	2.50E-01	0	100	
Miscellaneous Fabricated Wire Products	2.50E-01	0	100	
Soaps, Cleaners, and Toilet Goods	2.50E-01	0	100	
Leather Tanning and Finishing Operations	2.10E-01	0	100	
Lawn and Garden Equipment	2.08E-01	0	100	
Commercial Physical Research	1.60E-01	0	100	

Pollutant: Formaldehyde

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Beet Sugar	1.35E-01	0	100	
Fabricated Rubber Products, nec	1.30E-01	0	100	
Engineering, Laboratory, Scientific and Research	1.28E-01	0	100	
Manufacturing Industries, nec	1.28E-01	0	100	
Chemicals and Allied Products, nec	1.26E-01	0	100	
Footwear Cut Stock	1.25E-01	0	100	
Metal Services, nec	1.25E-01	0	100	
Poultry Slaughtering and Processing	1.25E-01	0	100	
Space Research and Technology	1.25E-01	0	100	
Metal Coil (Surface Coating)	5.72E-02	0	100	
Hydrochloric Acid Production	3.43E-02	0	100	
Petroleum Refining (not subject to Petroleum Refining MACT)	5.00E-03	0	100	
Wood Products	5.00E-03	0	100	
Taconite Iron Ore Processing	4.70E-03	0	100	
Chemicals and Allied Products Manufacturing	2.50E-03	0	100	
Cement, Hydraulic (not subject to Portland Cement MACT)	2.00E-03	0	100	
Toilet Preparations Manufacturing	5.00E-04	0	100	

Pollutant: Hexachlorobenzene

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Boilers	1.55E-06	0.00	0	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Manufacture: All fuels	1.28E-06	0.00	0	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	3.52E-01	98.70	99	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Source Categories	4.65E-03	1.30	100	

Individual HAP Analysis

November 112(k)

Pollutant: Hydrazine

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Organic Chemicals Manufacturing	5.05E-01	51.1	51	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	2.50E-01	25.3	76	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.30E-01	13.2	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	4.37E-02	4.4	94	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	3.00E-02	3.0	97	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	9.50E-03	1.0	98	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	1.95E-03	0.2	98	Area Source Category Already Subjected or Will Be Subjected to Regulation
Guided Missiles and Space Vehicles Manufacturing	1.30E-02	1.3	99	New Area Source Category Being Listed
Manufacturing	5.00E-03	0.5	100	

Pollutant: Lead Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Lead Acid Battery Manufacturing	4.26E+01	9.4	9	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Copper	3.88E+01	8.6	18	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	3.72E+01	8.2	26	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	3.21E+01	7.1	33	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	3.54E+01	7.8	41	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.08E+01	6.8	48	Area Source Category Already Subjected or Will Be Subjected to Regulation
Autobody Refinishing Paint Shop	2.90E+01	6.4	54	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	2.04E+01	4.5	59	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	1.54E+01	3.4	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	7.06E+00	1.6	64	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	6.95E+00	1.5	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Combined	6.30E+00	1.4	67	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	5.27E+00	1.2	68	Area Source Category Already Subjected or Will Be Subjected to Regulation
Aluminum Foundries	4.20E+00	0.9	69	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	3.92E+00	0.9	70	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	3.47E+00	0.8	71	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	3.46E+00	0.8	71	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.38E+00	0.3	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	1.24E+00	0.3	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Steel Foundries	1.23E+00	0.3	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	1.09E+00	0.2	72	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Lead Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Cyclic Crude and Intermediate Production	7.30E-01	0.2	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	3.93E-01	0.1	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	3.27E-01	0.1	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	1.48E-01	0.0	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Inorganic Pigments Manufacturing	1.32E+01	2.9	76	New Area Source Category Being Listed
Clay Products Manufacturing	1.17E+01	2.6	78	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	1.08E+01	2.4	81	New Area Source Category Being Listed
Primary Nonferrous Metals Production- Zinc, Cadmium and Beryllium	8.45E+00	1.9	83	Category renamed to include additional categories
Plastic Parts and Products (Surface Coating)	7.15E+00	1.6	84	New Area Source Category Being Listed
Copper Foundries	6.56E+00	1.5	86	New Area Source Category Being Listed
Nonferrous Foundries, nec	5.86E+00	1.3	87	New Area Source Category Being Listed
Primary Copper (not subject to Primary Copper Smelting MACT)	5.41E+00	1.2	88	New Area Source Category Being Listed
Fabricated Metal Products, nec	3.15E+00	0.7	89	New Area Source Category Being Listed
Primary Metal Products Manufacturing	2.02E+00	0.4	89	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	1.73E+00	0.4	90	New Area Source Category Being Listed
Chemical Preparations	1.17E+00	0.3	90	New Area Source Category Being Listed
Industrial Machinery Equipment - Finishing Operations	7.00E-01	0.2	90	New Area Source Category Being Listed
Electrical and Electronic Equipment - Finishing Operations	1.25E-01	0.0	90	New Area Source Category Being Listed
Fabricated Structural Metal Manufacturing	1.25E-01	0.0	90	New Area Source Category Being Listed
Iron and Steel Forging	5.00E-03	0.0	90	New Area Source Category Being Listed
Custom Compound Purchased Resins Manufacturing	5.37E+00	1.2	91	
Nonferrous Wire Drawing and Insulating	3.44E+00	0.8	92	
Primary Battery, Dry and Wet Manufacture	1.25E-01	0.0	92	
Fertilizers, Mixing only	7.50E-03	0.0	92	
Plumbing Fixture Fittings and Trim	3.31E+00	0.7	93	
Metal Can (Surface Coating)	2.85E+00	0.6	93	
Brass, Bronze, Copper, Copper Base Alloy Foundries	2.76E+00	0.6	94	
Prefabricated Metal Buildings	2.50E+00	0.6	95	
Electric Lamps	1.77E+00	0.4	95	
Copper Rolling and Drawing	1.68E+00	0.4	95	

Pollutant: Lead Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Petroleum Refining (not subject to Petroleum Refining MACT)	1.52E+00	0.3	96	
Steel Wire and Related Products Manufacturing	1.24E+00	0.3	96	
Metal Heat Treating Manufacturing	1.12E+00	0.2	96	
Noncurrent-Carrying Wiring Devices	8.75E-01	0.2	96	
Steel Pipe and Tubes Manufacturing	8.75E-01	0.2	97	
Drum and Barrel Reclamation	8.10E-01	0.2	97	
Products of Purchased Glass	7.53E-01	0.2	97	
Printing Ink	7.32E-01	0.2	97	
Nonferrous Rolling and Drawing	6.77E-01	0.1	97	
Nonferrous Die-castings, Except Aluminum	6.25E-01	0.1	97	
Fabricated Rubber Products, nec	5.30E-01	0.1	97	
Automotive stampings	5.05E-01	0.1	98	
Carburetors, Pistons, Rings and Valves Manufacturing	5.00E-01	0.1	98	
Radio and Television Communications Equipment (3662)	5.00E-01	0.1	98	
Metal Barrels, Drums, and Pails Manufacturing	4.95E-01	0.1	98	
Asphalt Concrete Manufacturing	4.90E-01	0.1	98	
Electronic Components, nec	4.73E-01	0.1	98	
Cathode Ray Television Picture Tubes Manufacturing	4.03E-01	0.1	98	
Miscellaneous Plastics Products	3.93E-01	0.1	98	
Small Arms	3.93E-01	0.1	98	
Manufacturing Industries, nec	3.79E-01	0.1	98	
Metal Sanitary Ware Manufacturing	3.78E-01	0.1	99	
Fluid Meters and Counting Devices	3.75E-01	0.1	99	
Paper and Other Webs (Surface Coating)	3.75E-01	0.1	99	
Relays and Industrial Controls	3.75E-01	0.1	99	
Printing/Publishing (Surface Coating)	2.98E-01	0.1	99	
Transformers, Except Electronic	2.98E-01	0.1	99	
Lead Pencils, Art Goods Manufacturing	2.55E-01	0.1	99	
Engine Electric Equipment	2.53E-01	0.1	99	
Lighting Equipment	2.53E-01	0.1	99	
Phosphate Fertilizers Production	2.53E-01	0.1	99	
Ammunition, Except for Small Arms	2.50E-01	0.1	99	
Elevators and Moving Stairways Manufacturing	2.50E-01	0.1	99	
Large Appliance (Surface Coating)	2.50E-01	0.1	99	
Railroad Equipment Manufacturing	2.50E-01	0.1	99	

Pollutant: Lead Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Lubricating Oils and Greases	2.50E-01	0.1	99	
Search and Navigation Equipment	2.50E-01	0.1	99	
Space Research and Technology	2.50E-01	0.1	100	
Metal coating and allied services (3479)	1.68E-01	0.0	100	
Cold Finishing of Steel Shapes	1.58E-01	0.0	100	
Miscellaneous Fabricated Wire Products	1.31E-01	0.0	100	
Aerospace Industries	1.30E-01	0.0	100	
Rubber and Plastic Hose and Belling Manufacturing	1.30E-01	0.0	100	
Fabricated Structural Metal Products	1.28E-01	0.0	100	
Dog and Cat Food	1.25E-01	0.0	100	
Metal Forgings and Stampings	1.25E-01	0.0	100	
Nonferrous Forgings	1.25E-01	0.0	100	
Sheet Metal Work	1.25E-01	0.0	100	
Speed Changers, Drives, and Gears	1.25E-01	0.0	100	
Aviation Gasoline Distribution: Stage I & II	1.13E-01	0.0	100	
Reinforced Plastic Composites Production	7.39E-02	0.0	100	
Bolts, Nuts, Rivets and Washers Manufacturing	5.00E-02	0.0	100	
Power Transmission Equipment	5.00E-02	0.0	100	
Commercial Physical Research	3.70E-02	0.0	100	
Gasoline Distribution Stage I	2.92E-02	0.0	100	
X-ray Apparatus and Tubes	2.50E-02	0.0	100	
Metal Coil (Surface Coating)	1.36E-02	0.0	100	
Printing, Coating, and Dyeing of Fabrics	1.25E-02	0.0	100	
Nonmetallic Mineral Products Manufacturing	1.20E-02	0.0	100	
Small Arms Ammunition	8.50E-03	0.0	100	
Taconite Iron Ore Processing	7.92E-03	0.0	100	
Hardware Manufacturing	7.00E-03	0.0	100	
Shipbuilding and Ship Repair (Surface Coating)	6.84E-03	0.0	100	
Aluminum Extruded Products	6.00E-03	0.0	100	
Special Dies, Tools, Jigs and Fixtures	5.50E-03	0.0	100	
Adhesives and Sealants	5.00E-03	0.0	100	
Electron Tubes Manufacturing	5.00E-03	0.0	100	
Electronic Capacitors Manufacturing	5.00E-03	0.0	100	
Food Preparations Production	5.00E-03	0.0	100	
Radio and Television Communications Equipment (3663)	5.00E-03	0.0	100	
Tire Production	3.73E-03	0.0	100	
Canned Fruits and Vegetables	2.50E-03	0.0	100	

Pollutant: Lead Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Cement, Hydraulic (not subject to Portland Cement MACT)	2.50E-03	0.0	100	
Chemicals and Allied Products Manufacturing	2.50E-03	0.0	100	
Measuring and Controlling Devices, nec	2.50E-03	0.0	100	
Mining Machinery Manufacturing	2.50E-03	0.0	100	
Optical Instruments and Lenses	2.50E-03	0.0	100	
Unsupported Plastics Profile Shapes	2.50E-03	0.0	100	
Special Industry Machinery, nec	1.50E-03	0.0	100	
Wool Fiberglass Manufacturing	1.21E-03	0.0	100	
Aluminum Die-Castings	5.00E-04	0.0	100	
Petroleum Bulk Stations and Terminals (not subject to Petroleum Refining MACT)	5.00E-04	0.0	100	

Pollutant: Manganese Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Boilers	8.03E+01	25.7	26	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	3.33E+01	10.7	36	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	2.38E+01	7.6	44	Area Source Category Already Subjected or Will Be Subjected to Regulation
Iron Foundries	1.68E+01	5.4	49	Area Source Category Already Subjected or Will Be Subjected to Regulation
Steel Foundries	1.55E+01	5.0	54	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	1.18E+01	3.8	58	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	8.74E+00	2.8	61	Area Source Category Already Subjected or Will Be Subjected to Regulation
Aluminum Foundries (Castings)	2.23E+00	0.7	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	1.02E+00	0.3	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	8.41E-01	0.3	62	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	7.45E-01	0.2	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	3.88E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	3.75E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	3.59E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Medical Waste Incinerators	2.89E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	2.80E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	2.50E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	2.33E-01	0.1	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	9.84E-02	0.0	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Lead Acid Battery Manufacturing	1.50E-02	0.0	63	Area Source Category Already Subjected or Will Be Subjected to Regulation

Pollutant: Manganese Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Cyclic Crude and Intermediate Production	5.00E-03	0.0	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Prepared Feeds Manufacturing	1.17E+01	3.8	67	New Area Source Category Being Listed
Electrometallurgical Products Manufacturing	1.14E+01	3.7	71	New Area Source Category Being Listed
Primary Metal Products Manufacturing	1.11E+01	3.6	74	New Area Source Category Being Listed
Industrial Machinery and Equipment - Finishing Operations	7.98E+00	2.6	77	New Area Source Category Being Listed
Fabricated Structural Metal Manufacturing	7.70E+00	2.5	79	New Area Source Category Being Listed
Fabricated Plate Work (Boiler Shops)	7.19E+00	2.3	82	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	6.54E+00	2.1	84	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	4.18E+00	1.3	85	New Area Source Category Being Listed
Clay Products Manufacturing	3.13E+00	1.0	86	New Area Source Category Being Listed
Electrical and Electronic Equipment - Finishing Operations	2.62E+00	0.8	87	New Area Source Category Being Listed
Primary Smelting and Refining of Zinc	2.08E+00	0.7	88	Category Incorporated into Primary Nonferrous Metals - Zinc, Cadmium and Beryllium
Iron and Steel Forging	2.07E+00	0.7	88	New Area Source Category Being Listed
Fabricated Metal Products, nec	1.81E+00	0.6	89	New Area Source Category Being Listed
Heating Equipment, Except Electric	1.61E+00	0.5	89	New Area Source Category Being Listed
Chemical Preparations	1.44E+00	0.5	90	New Area Source Category Being Listed
Copper Foundries	2.58E-01	0.1	90	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	2.10E-02	0.0	90	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	8.50E-03	0.0	90	New Area Source Category Being Listed
Nonferrous Foundries, nec	7.50E-03	0.0	90	New Area Source Category Being Listed
Fertilizers, Mixing only	3.42E+00	1.1	91	New Area Source Category Being Listed
Primary Battery, Dry and Wet Manufacture	2.21E+00	0.7	92	
Railroad Equipment Manufacturing	2.06E+00	0.7	92	
Custom Compound Purchased Resins Manufacturing	5.00E-01	0.2	92	
Miscellaneous Fabricated Metal Products	1.82E+00	0.6	93	
Cold Finishing of Steel Shapes	1.29E+00	0.4	93	
Mining Machinery Manufacturing	1.24E+00	0.4	94	
Phosphate Fertilizers Production	1.14E+00	0.4	94	
Steel Pipe and Tubes Manufacturing	1.07E+00	0.3	95	
Fabricated Pipe and Fittings	8.45E-01	0.3	95	
Sheet Metal Work	8.00E-01	0.3	95	
Steel Wire and Related Products Manufacturing	7.60E-01	0.2	95	
Reinforced Plastic Composites Production	6.23E-01	0.2	96	

Individual HAP Analysis

November 112(K)

Pollutant: Manganese Compounds

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Large Appliance (Surface Coating)	6.15E-01	0.2	96	
Welding Apparatus	5.90E-01	0.2	96	
Paper Industries Machinery	5.41E-01	0.2	96	
Power Transmission Equipment	5.04E-01	0.2	96	
Machine tools, Metal Forming Types	5.00E-01	0.2	96	
Metal Sanitary Ware Manufacturing	5.00E-01	0.2	97	
Fabricated Structural Metal Products	4.69E-01	0.2	97	
Miscellaneous Fabricated Wire Products	3.83E-01	0.1	97	
Speed Changers, Drives, and Gears	3.79E-01	0.1	97	
Brass, Bronze, Copper, Copper Base Alloy				
Foundries	3.78E-01	0.1	97	
Metal Doors, Sash, and Trim	3.78E-01	0.1	97	
Welding Apparatus, Electric	3.76E-01	0.1	97	
Automotive stampings	3.75E-01	0.1	97	
Lighting Equipment	3.75E-01	0.1	98	
Metal Valves	3.67E-01	0.1	98	
Metal Coil (Surface Coating)	2.97E-01	0.1	98	
Machine tools, Metal Cutting Types	2.95E-01	0.1	98	
Aluminum Extruded Products	2.92E-01	0.1	98	
Ball and Roller Bearings Manufacturing	2.90E-01	0.1	98	
Special Dies, Tools, Jigs and Fixtures	2.62E-01	0.1	98	
General Industrial Machinery Manufacturing	2.55E-01	0.1	98	
Unsupported Plastics Profile Shapes	2.55E-01	0.1	98	
Lawn and Garden Equipment	2.53E-01	0.1	98	
Nonferrous Die-castings, Except Aluminum	2.52E-01	0.1	98	
Concrete Block and Brick	2.50E-01	0.1	99	
Farm Machinery and Equipment				
Manufacturing	2.50E-01	0.1	99	
Lead Pencils, Art Goods Manufacturing	2.50E-01	0.1	99	
Plumbing Fixture Fittings and Trim	2.50E-01	0.1	99	
Carburetors, Pistons, Rings and Valves				
Manufacturing	2.50E-01	0.1	99	
Metal Stampings Manufacturing	2.39E-01	0.1	99	
Petroleum Refining (not subject to Petroleum Refining MACT)	2.07E-01	0.1	99	
Aluminum Sheet, Plate, and Foil manufacturing	1.97E-01	0.1	99	
Internal Combustion Engine Manufacturing	1.66E-01	0.1	99	
Miscellaneous Metal Work	1.55E-01	0.0	99	

11/25/2002

Pollutant: Manganese Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Manufacturing Industries, nec	1.40E-01	0.0	99	
Blowers and Fans	1.38E-01	0.0	99	
Burial Caskets	1.28E-01	0.0	99	
Industrial Furnaces and Ovens	1.28E-01	0.0	99	
Hand and Edge Tools Manufacturing	1.27E-01	0.0	99	
Asbestos Products Manufacturing	1.27E-01	0.0	99	
Clay Refractories (not subject to Refractories Manufacturing MAC1)	1.25E-01	0.0	99	
Concrete Products	1.25E-01	0.0	100	
Cutlery	1.25E-01	0.0	100	
Fabricated Metal Products Manufacturing	1.25E-01	0.0	100	
Heavy Construction, Nec	1.25E-01	0.0	100	
Household Vacuum Cleaners	1.25E-01	0.0	100	
Metal Forgings and Stampings	1.25E-01	0.0	100	
Metaworking Machinery	1.25E-01	0.0	100	
Surgical and Medical Instruments	1.25E-01	0.0	100	
Wire Springs	1.25E-01	0.0	100	
Conveyors and Conveying Equipment	1.25E-01	0.0	100	
Hardware Manufacturing	5.80E-02	0.0	100	
Electronic Components, nec	4.35E-02	0.0	100	
Shipbuilding and Ship Repair (Surface Coating)	3.74E-02	0.0	100	
Dog and Cat Food	3.40E-02	0.0	100	
Metal coating and allied services (3479)	3.15E-02	0.0	100	
Fluid Power Pumps and Motors	2.50E-02	0.0	100	
Copper Rolling and Drawing	2.40E-02	0.0	100	
Special Industry Machinery, nec	1.80E-02	0.0	100	
Fluid Power Cylinders and Actuators	1.50E-02	0.0	100	
Saw Blades and Handsaws	1.25E-02	0.0	100	
Men's and Boys' Work Clothing	1.00E-02	0.0	100	
Miscellaneous Plastics Products	1.00E-02	0.0	100	
Steel and Iron Reclamation- Auto Scrap Burning	1.00E-02	0.0	100	
Nonferrous Rolling and Drawing	8.50E-03	0.0	100	
Nonferrous Forgings	7.00E-03	0.0	100	
Aluminum Die-Castings	6.00E-03	0.0	100	
Metal Heat Treating Manufacturing	5.50E-03	0.0	100	
Aerospace Industries	5.00E-03	0.0	100	
Crushed And Broken Limestone	5.00E-03	0.0	100	
Fabricated Rubber Products, nec	5.00E-03	0.0	100	

Pollutant: Manganese Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Machinery, nec	5.00E-03	0.0	100	
Screw Machine Products Manufacturing	5.00E-03	0.0	100	
Transformers, Except Electronic	5.00E-03	0.0	100	
Boat Manufacturing	2.50E-03	0.0	100	
Bolts, Nuts, Rivets and Washers Manufacturing	2.50E-03	0.0	100	
Engineering, Laboratory, Scientific and Research	2.50E-03	0.0	100	
Industrial Patterns Packaging machinery	2.50E-03	0.0	100	
Metal Barrels, Drums, and Pails Manufacturing	2.50E-03	0.0	100	
Noncurrent-Carrying Wiring Devices	2.50E-03	0.0	100	
Space Research and Technology	2.50E-03	0.0	100	
Tanks and Tank Components Manufacturing	2.50E-03	0.0	100	
Printing, Coating, and Dyeing of Fabrics	5.00E-04	0.0	100	

Pollutant: Mercury Compounds

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Medical Waste Incinerators	2.96E+01	56.6	57	Area Source Category Already Subjected or Will Be Subjected to Regulation
Mercury Cell Chlor-alkali Plants	7.87E+00	15.1	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Hazardous Waste Incineration	2.78E+00	5.3	77	Area Source Category Already Subjected or Will Be Subjected to Regulation
Other Solid Waste Incineration (Human/Animal Cremation)	1.80E+00	3.4	80	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Waste Combustors	1.79E+00	3.4	84	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.72E+00	3.3	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	9.65E-01	1.8	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	2.50E-01	0.5	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	2.50E-01	0.5	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	2.36E-01	0.5	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stationary Internal Combustion Engines	4.92E-02	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	2.00E-02	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	2.50E-03	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	2.50E-03	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	8.22E-04	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	6.95E-04	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Paints and Allied Products Manufacturing	7.50E-03	0.0	91	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	5.00E-03	0.0	91	New Area Source Category Being Listed
Primary Battery, Dry and Wet Manufacture	3.70E-03	0.0	91	
Lamp Breakage	1.00E+00	1.9	93	
Electric Lamps	8.75E-01	1.7	94	
Geothermal Power	6.50E-01	1.2	95	
General Laboratory Activities	5.36E-01	1.0	96	
Instrument Manufacturing	4.70E-01	0.9	97	
Secondary Mercury Production	3.76E-01	0.7	98	

Pollutant: Mercury Compounds

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Portland Cement, excluding hazardous waste-fired	3.08E-01	0.6	98.68	
Stainless and Nonstainless, EAF	2.50E-01	0.5	99.16	
Space Research and Technology	2.50E-01	0.5	99.64	
Carbon Black Production	1.36E-01	0.3	99.90	
Hydrochloric Acid Production	2.66E-02	0.1	99.95	
Primary Lead Smelting	8.67E-03	0.0	99.97	
Electronic Components, nec	7.00E-03	0.0	99.98	
Nonmetallic Mineral Products Manufacturing	5.00E-03	0.0	99.99	
Fluorescent Lamp Recycling	4.02E-03	0.0	100.00	
Aerospace Industries	1.01E-04	0.0	100.00	

Individual HAP Analysis

November 112(K)

Pollutant: Methylene Chloride

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Paint Stripping Operations	8.22E+03	40.0	40	Area Source Category Already Subjected or Will Be Subjected to Regulation
Flexible Polyurethane Foam Fabrication Operations	4.72E+03	23.0	63	Area Source Category Already Subjected or Will Be Subjected to Regulation
Halogenated Solvent Cleaners	2.56E+03	12.5	76	Area Source Category Already Subjected or Will Be Subjected to Regulation
Flexible Polyurethane Foam Production	1.20E+03	5.8	81	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	1.17E+03	5.7	87	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	4.82E+02	2.3	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	2.28E+02	1.1	90	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	2.61E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	2.53E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Cyclic Crude and Intermediate Production	2.06E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.87E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	1.64E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	1.21E+01	0.1	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Wood Preserving	9.00E+00	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	5.94E+00	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	2.49E+00	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	6.18E-01	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	5.37E-01	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	4.55E-01	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	3.95E-01	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	2.50E-01	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation

11/25/2002

Pollutant: Methylene Chloride

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Iron Foundries	2.50E+03	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Lead Acid Battery Manufacturing	2.50E+03	0.0	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastic Parts and Products (Surface Coating)	1.84E+02	0.9	92	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	9.37E+01	0.5	93	New Area Source Category Being Listed
Chemical Preparations	1.02E+01	0.0	93	New Area Source Category Being Listed
Heating Equipment, Except Electric	6.00E+00	0.0	93	New Area Source Category Being Listed
Fabricated Metal Products, nec	4.54E+00	0.0	93	New Area Source Category Being Listed
Pumps and Pumping Equipment Manufacturing	3.15E+00	0.0	93	New Area Source Category Being Listed
Motor and Generators Manufacturing	2.05E+00	0.0	93	New Area Source Category Being Listed
Pressed and Blown Glass and Glassware Manufacturing	1.20E+00	0.0	93	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	2.50E-01	0.0	93	New Area Source Category Being Listed
Aerospace Industries	7.54E+02	3.7	96	New Area Source Category Being Listed
Large Appliance (Surface Coating)	5.70E+01	0.3	97	
Miscellaneous Plastics Products	4.57E+01	0.2	97	
Adhesives and Sealants	4.51E+01	0.2	97	
Polishes and Sanitation Goods Manufacturing	3.34E+01	0.2	97	
Nonferrous Wire Drawing and Insulating	2.74E+01	0.1	97	
Boat Manufacturing	2.68E+01	0.1	97	
Screw Machine Products Manufacturing	2.62E+01	0.1	98	
Fabricated Rubber Products, nec	2.53E+01	0.1	98	
Printing, Coating, and Dyeing of Fabrics	2.37E+01	0.1	98	
Manufacturing Industries, nec	2.27E+01	0.1	98	
Electronic Components, nec	2.26E+01	0.1	98	
Printing/Publishing (Surface Coating)	2.08E+01	0.1	98	
Manifold Business Forms	1.62E+01	0.1	98	
Semiconductor Manufacturing	1.55E+01	0.1	98	
Switchgear and Switchboard Apparatus	1.26E+01	0.1	98	
Surgical Appliances and Supplies Manufacturing	1.23E+01	0.1	98	
Metal Furniture (Surface Coating)	1.08E+01	0.1	98	
Custom Compound Purchased Resins Manufacturing	1.07E+01	0.1	99	
Commercial Printing, Lithographic	9.95E+00	0.0	99	
Aluminum Die-Castings	9.91E+00	0.0	99	
Electronic Coils and Transformers	9.85E+00	0.0	99	
Relays and Industrial Controls	9.35E+00	0.0	99	
Electronic Components and Accessories	9.00E+00	0.0	99	
Soap and Other Detergents Manufacturing	8.76E+00	0.0	99	
Aluminum Foundries	8.50E+00	0.0	99	

Individual HAP Analysis

November 112(K)

Pollutant: Methylene Chloride

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Industrial Machinery, nec	8.36E+00	0.0	99	
Metal Valves	8.18E+00	0.0	99	
Radio and Television Communications Equipment (3663)	7.70E+00	0.0	99	
Unsupported Plastics, Film & Sheet	7.60E+00	0.0	99	
Automotive Services, Nec	7.50E+00	0.0	99	
Miscellaneous Fabricated Wire Products	7.50E+00	0.0	99	
Luggage	6.88E+00	0.0	99	
Jewelry, Precious Metal	6.80E+00	0.0	99	
Mens and Boys' Shirts	6.80E+00	0.0	99	
Cathode Ray Television Picture Tubes Manufacturing	6.65E+00	0.0	99	
Machine Tool Accessories	6.38E+00	0.0	99	
Special Dies, Tools, Jigs and Fixtures	6.38E+00	0.0	99	
Wood Furniture (Surface Coating)	6.32E+00	0.0	99	
Ordnance And Accessories, nec	6.15E+00	0.0	99	
Tanks and Tank Components Manufacturing	6.15E+00	0.0	99	
Telephone and Telegraph Apparatus	4.60E+00	0.0	99	
Metal coating and allied services (3479)	5.63E+00	0.0	99	
Automotive stampings	5.58E+00	0.0	99	
Environmental Controls Manufacturing	5.56E+00	0.0	99	
Carbon and Graphite Products	5.53E+00	0.0	99	
General Industrial Machinery Manufacturing	5.21E+00	0.0	100	
Metal Barrels, Drums, and Pails Manufacturing	5.14E+00	0.0	100	
Mens' Footwear, Except Athletic	5.14E+00	0.0	100	
Electromedical Equipment Manufacturing	5.10E+00	0.0	100	
Paper and Other Webs (Surface Coating)	5.10E+00	0.0	100	
Aluminum Extruded Products	5.10E+00	0.0	100	
Concrete Products	5.00E+00	0.0	100	
Metal Doors, Sash, and Trim	4.53E+00	0.0	100	
Fabricated Pipe and Fittings	4.45E+00	0.0	100	
Chemicals and Allied Products, nec	4.42E+00	0.0	100	
Photographic Equipment And Supplies	4.05E+00	0.0	100	
Communications Equipment, nec	3.91E+00	0.0	100	
Ophthalmic Goods	3.90E+00	0.0	100	
Industrial Controls	3.87E+00	0.0	100	
Space Vehicle Parts and Equipment, nec	3.65E+00	0.0	100	
Printing Ink	3.22E+00	0.0	100	
Industrial Patterns Packaging machinery	2.95E+00	0.0	100	
Transformers, Except Electronic	2.95E+00	0.0	100	
Apparel and Accessories, nec	2.93E+00	0.0	100	
Nonferrous Rolling and Drawing	2.83E+00	0.0	100	

Individual HAP Analysis

November 112(k)

Pollutant: Methylene Chloride

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Fluid Meters and Counting Devices	1.91E+00	0.0	100	
Tire Production	1.71E+00	0.0	100	
Mining Machinery Manufacturing	1.50E+00	0.0	100	
Toys and Sporting Goods	1.50E+00	0.0	100	
Optical Instruments and lenses (disc. 1987, 3827)	1.40E+00	0.0	100	
Lubricating Oils and Greases	1.33E+00	0.0	100	
Radio and Television Communications Equipment (3662)	1.23E+00	0.0	100	
Flavoring Extracts and Syrups Production	1.16E+00	0.0	100	
Analytical Instruments	1.13E+00	0.0	100	
Refuse Systems	8.84E-01	0.0	100	
Chemicals and Allied Products Manufacturing	7.50E-01	0.0	100	
Leather Goods, nec	5.51E-01	0.0	100	
Business Services, nec (7399)	5.00E-01	0.0	100	
Cement, Hydraulic (not subject to Portland Cement MACT)	4.04E-01	0.0	100	
Petroleum Refining (not subject to Petroleum Refining MACT)	3.78E-01	0.0	100	
Biological Products, Except Diagnostic	3.75E-01	0.0	100	
Process Control Instruments	3.75E-01	0.0	100	
Commercial Physical Research	3.33E-01	0.0	100	
Soaps, Cleaners, and Toilet Goods	2.53E-01	0.0	100	
Hardware Manufacturing	2.50E-01	0.0	100	
Products of Purchased Glass	2.50E-01	0.0	100	
Shipbuilding and Ship Repair (Surface Coating)	1.72E-01	0.0	100	
Hydrochloric Acid Production	1.40E-01	0.0	100	
Bottled and Canned Soft Drinks	1.25E-01	0.0	100	
Industrial Patterns	1.25E-01	0.0	100	
Petroleum Products, nec	1.25E-01	0.0	100	
Plumbing Fixture Fittings and Trim	1.25E-01	0.0	100	
Rubber & Misc. Plastic Products	1.25E-01	0.0	100	
Space Research and Technology	1.25E-01	0.0	100	
Metal Coil (Surface Coating)	5.35E-02	0.0	100	
Nonmetallic Mineral Products Manufacturing	2.50E-03	0.0	100	
Wire Springs	2.50E-03	0.0	100	

11/25/2002

	Pollutant: Nickel Compounds			
	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
112(k) Source Category				
Fabricated Plate Work (Boiler Shops)	1.07E+01	4.2	71	New Area Source Category Being Listed
Industrial Machinery and Equipment- Finishing Operations	8.12E+00	3.2	74	New Area Source Category Being Listed
Electrical and Electronic Equipment- Finishing Operations	6.98E+00	2.7	77	New Area Source Category Being Listed
Iron and Steel Forging	6.78E+00	2.7	80	New Area Source Category Being Listed
Primary Metal Products Manufacturing	5.81E+00	2.3	82	New Area Source Category Being Listed
Fabricated Structural Metal Manufacturing	4.19E+00	1.6	84	New Area Source Category Being Listed
Plastic Parts and Products (Surface Coating)	2.76E+00	1.1	85	New Area Source Category Being Listed
Electrometallurgical Products Manufacturing	2.55E+00	1.0	86	New Area Source Category Being Listed
Fabricated Metal Products, nec	2.21E+00	0.9	87	New Area Source Category Being Listed
Heating Equipment, Except Electric	1.63E+00	0.6	87	New Area Source Category Being Listed
Chemical Preparations	1.47E+00	0.6	88	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	1.27E+00	0.5	88	New Area Source Category Being Listed
Nonferrous Foundries, nec	1.01E+00	0.4	89	New Area Source Category Being Listed
Copper Foundries	7.87E-01	0.3	89	New Area Source Category Being Listed
Primary Copper (not subject to Primary Copper Smelting MACT)	5.05E-01	0.2	89	New Area Source Category Being Listed
Clay Products Manufacturing	3.21E-01	0.1	89	New Area Source Category Being Listed
Inorganic Pigments Manufacturing	2.25E-01	0.1	89	New Area Source Category Being Listed
Primary Nonferrous Metals- Zinc, Cadmium and Beryllium	1.49E-01	0.1	90	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	1.31E-01	0.1	90	New Area Source Category Being Listed
Aerospace Industries	1.22E+00	0.5	90	New Area Source Category Being Listed
Copper Rolling and Drawing	1.03E+00	0.4	90	
Automotive stampings	8.96E-01	0.4	91	
Metal Furniture (Surface Coating)	8.85E-01	0.3	91	
Brass, Bronze, Copper, Copper Base Alloy Foundries	8.78E-01	0.3	91	
Miscellaneous Fabricated Wire Products	7.64E-01	0.3	92	
Steel Pipe and Tubes Manufacturing	7.60E-01	0.3	92	
Machine tools, Metal Forming Types	7.03E-01	0.3	92	
Large Appliance (Surface Coating)	6.68E-01	0.3	93	
Petroleum Refining (not subject to Petroleum Refining MACT)	6.62E-01	0.3	93	
Miscellaneous Fabricated Metal Products	6.58E-01	0.3	93	
Special Dies, Tools, Jigs and Fixtures	6.56E-01	0.3	93	
Nonferrous Forgings	6.42E-01	0.3	94	
Nonferrous Die-castings, Except Aluminum	6.25E-01	0.2	94	
Paper Industries Machinery	6.12E-01	0.2	94	
Metal Stampings Manufacturing	5.75E-01	0.2	94	
Plumbing Fixture Fittings and Trim	5.55E-01	0.2	95	

	Pollutant: Nickel Compounds			
112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Sheet Metal Work	5.38E-01	0.2	95	
General Industrial Machinery Manufacturing	5.05E-01	0.2	95	
Carburetors, Pistons, Rings and Valves Manufacturing	5.00E-01	0.2	95	
Conveyors and Conveying Equipment Manufacturing	5.00E-01	0.2	95	
Metal Sanitary Ware Manufacturing	5.00E-01	0.2	96	
Steel and Iron Reclamation- Auto Scrap Burning	5.00E-01	0.2	96	
Cold Finishing of Steel Shapes	4.66E-01	0.2	96	
Speed Changers, Drives, and Gears	4.04E-01	0.2	96	
Aluminum Extruded Products	4.02E-01	0.2	96	
Metal coating and allied services (3479)	3.94E-01	0.2	96	
Aluminum Foundries (Castings)	3.85E-01	0.2	97	
Steel Wire and Related Products Manufacturing	3.80E-01	0.1	97	
Nonclay Refractories (not subject to Refractories Manufacturing MACT)	3.75E-01	0.1	97	
Nonferrous Rolling and Drawing	3.11E-01	0.1	97	
Hand and Edge Tools Manufacturing	2.81E-01	0.1	97	
Ball and Roller Bearings Manufacturing	2.80E-01	0.1	97	
Manufacturing Industries, nec	2.79E-01	0.1	97	
Blowers and Fans	2.62E-01	0.1	97	
Hardware Manufacturing	2.59E-01	0.1	98	
Industrial Machinery, nec	2.58E-01	0.1	98	
Turbines and Turbine Generator Sets	2.58E-01	0.1	98	
Process Control Instruments	2.57E-01	0.1	98	
Machine Tool Accessories	2.56E-01	0.1	98	
Metaworking Machinery	2.53E-01	0.1	98	
Lead Pencils, Art Goods Manufacturing	2.50E-01	0.1	98	
Metal Doors, Sash, and Trim	2.50E-01	0.1	98	
Metal Services, nec	2.50E-01	0.1	98	
Soap and Other Detergents Manufacturing	2.50E-01	0.1	98	
Special Industry Machinery, nec	2.26E-01	0.1	99	
Mining Machinery Manufacturing	1.91E-01	0.1	99	
Welding Apparatus	1.90E-01	0.1	99	
Metal Valves	1.58E-01	0.1	99	
Machine tools, Metal Cutting Types	1.53E-01	0.1	99	
Fabricated Structural Metal Products	1.40E-01	0.1	99	
Food Products Machinery	1.33E-01	0.1	99	
Industrial Furnaces and Ovens	1.30E-01	0.1	99	
Metal Heat Treating Manufacturing	1.30E-01	0.1	99	

Pollutant:	Nickel Compounds			
112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Gaskets, Packing and Sealing Devices Manufacturing	3.00E-03	0.0	100	
Edible Fats and Oils, nec	2.50E-03	0.0	100	
Electrical Industrial Apparatus, nec	2.50E-03	0.0	100	
Engineering, Laboratory, Scientific and Research	2.50E-03	0.0	100	
Fabricated Rubber Products, nec	2.50E-03	0.0	100	
Fluid Meters and Counting Devices	2.50E-03	0.0	100	
Fluid Power Cylinders and Actuators	2.50E-03	0.0	100	
Industrial Patterns Packaging machinery	2.50E-03	0.0	100	
Metal Barrels, Drums, and Pails Manufacturing	2.50E-03	0.0	100	
Noncurrent-Carrying Wiring Devices	2.50E-03	0.0	100	
Steel Springs, Except Wire	2.50E-03	0.0	100	
Wire Springs	2.50E-03	0.0	100	
Saw Blades and Handsaws	2.00E-03	0.0	100	
Power Transmission Equipment	1.00E-03	0.0	100	
Primary Battery, Dry and Wet Manufacture	5.00E-04	0.0	100	
Farm Machinery and Equipment Manufacturing	5.00E-04	0.0	100	
Printing, Coating, and Dyeing of Fabrics	5.00E-04	0.0	100	
Printing/Publishing (Surface Coating)	5.00E-04	0.0	100	
Textile Machinery	5.00E-04	0.00	100	

Pollutant: Polychlorinated Biphenyls

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Hazardous Waste Incineration	1.59E-02	65.09	65	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	1.15E-03	4.71	70	Area Source Category Already Subjected or Will Be Subjected to Regulation
Portland Cement Manufacture: All fuels	5.40E-04	2.21	72	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	3.46E-04	1.42	73	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	4.37E-03	17.89	91	Area Source Category Already Subjected or Will Be Subjected to Regulation
Scrap and Waste Materials	1.34E-03	5.49	97	
Refuse Systems	6.00E-04	2.46	99	
Other Source Categories	9.94E-05	0.41	100	
Other Solid Waste Incineration	8.20E-05	0.34	100	

Individual HAP Analysis

November 112(k)

Pollutant: Quinoline

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Cyclic Crude and Intermediate Production	1.36E+00	92.870	92.87	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	1.04E-01	7.130	100.00	Area Source Category Already Subjected or Will Be Subjected to Regulation

11/22/2002

Pollutant: Tetrachloroethylene

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Dry Cleaning Facilities	7.66E+04	94.173	94.17	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Halogenated Solvent Cleaners	3.17E+03	3.899	98.07	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	5.39E+02	0.663	98.74	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	2.34E+02	0.287	99.02	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	6.56E+01	0.081	99.10	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Secondary Nonferrous Metals Production	7.50E+00	0.009	99.11	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Pressed and Blown Glass and Glassware Manufacturing	3.74E+00	0.005	99.12	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	3.68E+00	0.005	99.12	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture - EAF	1.29E+00	0.002	99.12	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	1.12E+00	0.001	99.12	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	6.21E-01	0.001	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
MON	5.75E-01	0.001	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	2.50E-01	0.000	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	1.92E-01	0.000	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	1.50E-01	0.000	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Institutional/Commercial Heating	7.97E-02	0.000	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Industrial Boilers	6.75E-02	0.000	99.13	Area Source Category/Already Subjected or Will Be Subjected to Regulation
Plastic Parts and Products (Surface Coating)	3.65E+01	0.045	99.17	New Area Source Category Being Listed
Motor and Generators Manufacturing	1.45E+01	0.018	99.19	New Area Source Category Being Listed
Nonferrous Foundries, nec	9.15E+00	0.011	99.20	New Area Source Category Being Listed
Pumps and Pumping Equipment Manufacturing	8.01E+00	0.010	99.21	New Area Source Category Being Listed
Fabricated Metal Products, nec	7.07E+00	0.009	99.22	New Area Source Category Being Listed

Individual HAP Analysis

November 112(K)

Pollutant: Tetrachloroethylene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Electrical Equipment and Supplies, nec	5.16E+00	0.006	99.23	New Area Source Category Being Listed
Chemical Preparations	4.80E+00	0.006	99.23	New Area Source Category Being Listed
Fabricated Structural Metal Manufacturing	3.10E+00	0.004	99.24	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	1.34E+00	0.002	99.24	New Area Source Category Being Listed
Chemical Manufacturing: Alkalies and Chlorine (not subject to Chlorine Production MACT)	8.28E-01	0.001	99.24	New Area Source Category Being Listed
Aerospace Industries	1.00E+02	0.123	99.36	
Printing/Publishing (Surface Coating)	3.86E+01	0.047	99.41	
Metal Heat Treating Manufacturing	2.99E+01	0.037	99.45	
Paper and Other Webs (Surface Coating)	2.72E+01	0.033	99.48	
Metal coating and allied services (3479)	2.14E+01	0.026	99.51	
Platemaking Services	1.91E+01	0.023	99.53	
Electronic Components, nec	1.66E+01	0.020	99.55	
Metal Stampings Manufacturing	1.59E+01	0.020	99.57	
Semiconductor Manufacturing	1.30E+01	0.016	99.58	
Process Control Instruments	1.22E+01	0.015	99.60	
Fabricated Rubber Products, nec	1.18E+01	0.015	99.61	
Radio and Television Communications Equipment (3662)	1.13E+01	0.014	99.63	
Environmental Controls Manufacturing	1.13E+01	0.014	99.64	
Commercial Printing, Letterpress, and Screen	1.12E+01	0.014	99.66	
Polishes and Sanitation Goods Manufacturing	1.01E+01	0.012	99.67	
Large Appliance (Surface Coating)	9.60E+00	0.012	99.68	
Lawn and Garden Equipment	9.50E+00	0.012	99.69	
Trucking, Except Local	9.50E+00	0.012	99.70	
Copper Rolling and Drawing	9.43E+00	0.012	99.72	
Miscellaneous Fabricated Wire Products	9.40E+00	0.012	99.73	
Toilet Preparations Manufacturing	9.38E+00	0.012	99.74	
Relays and Industrial Controls	9.38E+00	0.012	99.75	
Aluminum Die-Castings	9.00E+00	0.011	99.76	
Electronic Capacitors Manufacturing	8.73E+00	0.011	99.77	
Aluminum Foundries (Castings)	8.63E+00	0.011	99.78	
Commercial Lighting Fixtures	8.59E+00	0.011	99.79	
Measuring and Dispensing Pumps	8.55E+00	0.011	99.80	
Metalworking Machinery, nec	8.50E+00	0.010	99.81	
Power Transmission Equipment	8.50E+00	0.010	99.82	

11/22/2002

Individual HAP Analysis

November 112(K)

Pollutant: Tetrachloroethylene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Residential lighting fixtures	8.38E+00	0.010	99.83	
Commercial Printing, Lithographic	8.36E+00	0.010	99.84	
Marking Devices	8.17E+00	0.010	99.85	
Nonferrous Wire Drawing and Insulating	8.00E+00	0.010	99.86	
Fabricated Pipe and Fittings	8.00E+00	0.010	99.87	
Household Appliances	7.00E+00	0.009	99.88	
Sheet Metal Work	6.77E+00	0.008	99.89	
Printing, Coating, and Dyeing of Fabrics	6.51E+00	0.008	99.90	
Switchgear and Switchboard Apparatus	5.70E+00	0.007	99.91	
Wood Furniture (Surface Coating)	5.70E+00	0.007	99.91	
Manifold Business Forms	5.50E+00	0.007	99.92	
Jewelry, Precious Metal	5.20E+00	0.006	99.93	
Machine Tool Accessories	4.93E+00	0.006	99.93	
Space Vehicle Parts and Equipment, nec	4.85E+00	0.006	99.94	
Screw Machine Products Manufacturing	4.85E+00	0.006	99.94	
Welding Apparatus	4.80E+00	0.006	99.95	
Machine tools, Metal Forming Types	4.71E+00	0.006	99.96	
Miscellaneous Fabricated Metal Products	4.70E+00	0.006	99.96	
Telephone and Telegraph Apparatus	3.95E+00	0.005	99.97	
Speed Changers, Drives, and Gears	3.65E+00	0.004	99.97	
Adhesives and Sealants	2.56E+00	0.003	99.97	
Lighting Equipment	1.89E+00	0.002	99.98	
Communications Equipment, nec	1.83E+00	0.002	99.98	
Miscellaneous Plastics Products	1.68E+00	0.002	99.98	
Friction Products Manufacturing	1.59E+00	0.002	99.98	
Ball and Roller Bearings Manufacturing	1.52E+00	0.002	99.99	
Electron Tubes Manufacturing	1.44E+00	0.002	99.99	
Reinforced Plastic Composites Production	1.36E+00	0.002	99.99	
Flat Glass	1.33E+00	0.002	99.99	
Refuse Systems	1.10E+00	0.001	99.99	
Surface Active Agents Manufacturing	9.59E-01	0.001	99.99	
Sanitary Food Containers	9.00E-01	0.001	99.99	
Leather Tanning and Finishing Operations	7.58E-01	0.001	99.99	
Paper Coating and Glazing Manufacturing	7.50E-01	0.001	100.00	
Metal Can (Surface Coating)	5.00E-01	0.001	100.00	
Chemicals and Allied Products, nec	3.83E-01	0.000	100.00	
Miscellaneous Publishing	3.75E-01	0.000	100.00	

11/22/2002

Individual HAP Analysis

November 112(k)

Pollutant: Tetrachloroethylene

112(k) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Leather Goods, nec	3.52E-01	0.000	100.00	
Automotive stampings	2.50E-01	0.000	100.00	
Industrial Machinery, nec	2.50E-01	0.000	100.00	
Lubricating Oils and Greases	2.50E-01	0.000	100.00	
Cement, Hydraulic (not subject to Portland Cement MACT)	2.46E-01	0.000	100.00	
Tire Production	1.77E-01	0.000	100.00	
Steel Pipe and Tubes Manufacturing	1.45E-01	0.000	100.00	
Bags, Except Textile Bags	1.25E-01	0.000	100.00	
Bolts, Nuts, Rivets and Washers Manufacturing	1.25E-01	0.000	100.00	
Plumbing Fixture Fittings and Trim	1.25E-01	0.000	100.00	
Soaps, Cleaners, and Toilet Goods	1.25E-01	0.000	100.00	
Ophthalmic Goods	1.75E-02	0.000	100.00	
Hydrochloric Acid Production	1.64E-02	0.000	100.00	
Chemicals and Allied Products Manufacturing	5.00E-03	0.000	100.00	
Nonferrous Rolling and Drawing	5.00E-03	0.000	100.00	
Special Dies, Tools, Jigs and Fixtures	5.00E-03	0.000	100.00	
Nonmetallic Mineral Products Manufacturing	3.50E-03	0.000	100.00	
Metal Valves	2.50E-03	0.000	100.00	
Mining Machinery Manufacturing	2.50E-03	0.000	100.00	
Plywood/Particle Board Manufacturing	1.36E-03	0.000	100.00	

Pollutant: Trichloroethylene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Halogenated Solvent Cleaners	1.09E+04	85.07	85	Area Source Category Already Subjected or Will Be Subjected to Regulation
Municipal Landfills	3.23E+02	2.53	88	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plating And Polishing	1.71E+02	1.34	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Stainless and Non-stainless Steel Manufacture EAF	2.21E+01	0.17	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Publicly Owned Treatment Works (POTW) Emissions	1.77E+01	0.14	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Pharmaceuticals Production	3.68E+00	0.03	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Organic Chemicals Manufacturing	2.44E+00	0.02	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Agricultural Chemicals and Pesticides	8.20E-01	0.01	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
MON	6.13E-01	0.00	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Industrial Inorganic Chemical Manufacturing	6.00E-01	0.00	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastics Materials and Resins Manufacturing	4.58E-01	0.00	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Sewage Sludge Incineration	3.49E-01	0.00	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Secondary Lead Smelting	3.88E-02	0.00	89	Area Source Category Already Subjected or Will Be Subjected to Regulation
Plastic Parts and Products (Surface Coating)	7.83E+01	0.61	90	New Area Source Category Being Listed
Fabricated Metal Products, nec	5.63E+01	0.44	90	New Area Source Category Being Listed
Valves and Pipe Fittings Manufacturing	3.51E+01	0.27	91	New Area Source Category Being Listed
Electrical and Electronic Equipment - Finishing Operations	2.56E+01	0.20	91	New Area Source Category Being Listed
Primary Metal Products Manufacturing	1.89E+01	0.15	91	New Area Source Category Being Listed
Industrial Machinery and Equipment - Finishing Operations	6.50E+00	0.05	91	New Area Source Category Being Listed
Iron and Steel Forging	5.32E+00	0.04	91	New Area Source Category Being Listed
Chemical Preparations	9.50E-01	0.01	91	New Area Source Category Being Listed
Paints and Allied Products Manufacturing	5.15E-01	0.00	91	New Area Source Category Being Listed
Aerospace Industries	5.43E+02	4.25	95	
Screw Machine Products Manufacturing	7.24E+01	0.57	96	
Metal Stampings Manufacturing	6.32E+01	0.50	96	
Electronic Components, nec	2.61E+01	0.20	97	

Individual HAP Analysis

November 112(K)

Pollutant: Trichloroethylene

112(K) Source Category	Urban Area Emissions (tpy)	% Contribution of Urban Area Emissions	Cumulative % Contribution of Urban Area Emissions	Area Source Regulation Flag
Nonferrous Die-castings, Except Aluminum	1.98E+01	0.16	97	
Large Appliance (Surface Coating)	1.81E+01	0.14	97	
Electronic Connectors	1.81E+01	0.14	97	
Fabricated Rubber Products, nec	1.62E+01	0.13	97	
Metal Heat Treating Manufacturing	1.58E+01	0.12	97	
Metal coating and allied services (3479)	1.56E+01	0.12	97	
Manufacturing Industries, nec	1.53E+01	0.12	98	
Measuring and Controlling Devices, nec	1.47E+01	0.11	98	
Electronic Capacitors Manufacturing	1.43E+01	0.11	98	
Lubricating Oils and Greases	1.06E+01	0.08	98	
Miscellaneous Fabricated Metal Products	9.86E+00	0.08	98	
Cathode Ray Television Picture Tubes Manufacturing	9.50E+00	0.07	98	
Railroad Equipment Manufacturing	9.08E+00	0.07	98	
Instruments to Measure Electricity	8.75E+00	0.07	98	
Industrial Machinery, nec	8.67E+00	0.07	98	
Radio and Television Communications Equipment (3662)	8.31E+00	0.07	98	
Carburetors, Pistons, Rings and Valves Manufacturing	8.21E+00	0.06	98	
Special Dies, Tools, Jigs and Fixtures	8.10E+00	0.06	98	
Household Audio and Video Equipment	8.00E+00	0.06	98	
Environmental Controls Manufacturing	7.88E+00	0.06	99	
Jewelry, Precious Metal	7.51E+00	0.06	99	
Silverware and Plated Ware	7.50E+00	0.06	99	
Aluminum Die-Castings	6.82E+00	0.05	99	
Dental Equipment and Supplies	6.68E+00	0.05	99	
Automotive stampings	6.55E+00	0.05	99	
Textile Machinery	6.50E+00	0.05	99	
Paper and Other Webs (Surface Coating)	6.40E+00	0.05	99	
Industrial Furnaces and Ovens	6.27E+00	0.05	99	
Surgical and Medical Instruments Manufacturing	6.27E+00	0.05	99	
Miscellaneous Metal Work	6.25E+00	0.05	99	
Steel Pipe and Tubes Manufacturing	6.23E+00	0.05	99	
Miscellaneous Fabricated Wire Products	6.09E+00	0.05	99	
Electronic Resistors	6.00E+00	0.05	99	
Wood Furniture (Surface Coating)	5.83E+00	0.05	99	
Printing/Publishing (Surface Coating)	5.66E+00	0.04	99	
Copper Rolling and Drawing	5.61E+00	0.04	99	
Plumbing Fixtures, Fittings and Trim	5.27E+00	0.04	99	
Search and Navigation Equipment	5.05E+00	0.04	99	

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