

APPENDIX C
PROCESS TYPE CODE LISTING

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RBLC Process Type Codes
(All Active Codes)
October 2006

PLEASE NOTE: The RBLC is currently in the process of re-organizing the Process Type Code (PTC) system. The archived external combustion PTCs can be found at the end of this Appendix.

10.000 FUEL COMBUSTION

- 11.000 Utility- and Large Industrial-Size Boilers/Furnaces (> 250 million BTU/H)
 - 11.100 Solid Fuel & Solid Fuel Mixtures (> 250 million BTU/H)
 - 11.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
 - 11.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
 - 11.190 Other Solid Fuel & Solid Fuel Mixtures
 - 11.200 Liquid Fuel & Liquid Fuel Mixtures (> 250 million BTU/H)
 - 11.210 Residual Fuel Oil (ASTM # 4,5,6)
 - 11.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
 - 11.290 Other Liquid Fuel & Liquid Fuel Mixtures
 - 11.300 Gaseous Fuel & Gaseous Fuel Mixtures (> 250 million BTU/H)
 - 11.310 Natural Gas (includes propane and liquefied petroleum gas)
 - 11.320 Landfill/Digester/Bio-Gas
 - 11.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 11.900 Other Fuels and Combinations (> 250 million BTU/H) (e.g., solid/liquid, liquid/gas)

- 12.000 Industrial-Size Boilers/Furnaces (> 100 million BTU/H & # 250 million BTU/H)
 - 12.100 Solid Fuel & Solid Fuel Mixtures (> 100 million BTU/H & # 250 million BTU/H)
 - 12.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
 - 12.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
 - 12.190 Other Solid Fuel & Solid Fuel Mixtures
 - 12.200 Liquid Fuel & Liquid Fuel Mixtures (> 100 million BTU/H & # 250 million BTU/H)
 - 12.210 Residual Fuel Oil (ASTM # 4,5,6)
 - 12.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
 - 12.290 Other Liquid Fuel & Liquid Fuel Mixtures
 - 12.300 Gaseous Fuel & Gaseous Fuel Mixtures (> 100 million BTU/H & # 250 million BTU/H)
 - 12.310 Natural Gas (includes propane and liquefied petroleum gas)
 - 12.320 Landfill/Digester/Bio-Gas
 - 12.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 12.900 Other Fuels and Combinations (> 100 million BTU/H & # 250 million BTU/H)

- 13.000 Commercial/Institutional-Size Boilers/Furnaces (# 100 million BTU/H)
 - 13.100 Solid Fuel & Solid Fuel Mixtures (# 100 million BTU/H)
 - 13.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
 - 13.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
 - 13.190 Other Solid Fuel & Solid Fuel Mixtures
 - 13.200 Liquid Fuel & Liquid Fuel Mixtures (# 100 million BTU/H)
 - 13.210 Residual Fuel Oil (ASTM # 4,5,6)
 - 13.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
 - 13.290 Other Liquid Fuel & Liquid Fuel Mixtures
 - 13.300 Gaseous Fuel & Gaseous Fuel Mixtures (# 100 million BTU/H)
 - 13.310 Natural Gas (includes propane and liquefied petroleum gas)
 - 13.320 Landfill/Digester/Bio-Gas
 - 13.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 13.900 Other Fuels and Combinations (# 100 million BTU/H) (e.g., solid/liquid, liquid/gas)

- 15.000 Large Combustion Turbines (> 25 MW)
 - 15.100 Simple Cycle (no waste heat recovery) (> 25 MW)
 - 15.110 Natural Gas (includes propane and liquefied petroleum gas)
 - 15.120 Landfill/Digester/Bio-Gas
 - 15.150 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 15.190 Liquid Fuel & Liquid Fuel Mixtures
 - 15.200 Combined Cycle & Cogeneration (> 25 MW)
 - 15.210 Natural Gas (includes propane and liquefied petroleum gas)
 - 15.220 Landfill/Digester/Bio-Gas
 - 15.250 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 15.290 Liquid Fuel & Liquid Fuel Mixtures
 - 15.900 Other/Unknown Cycle and/or Fuel (> 25 MW)

- 16.000 Small Combustion Turbines (# 25 MW)
 - 16.100 Simple Cycle (turbine alone w/out waste heat recovery) (# 25 MW)
 - 16.110 Natural Gas (includes propane and liquefied petroleum gas)
 - 16.120 Landfill/Digester/Bio-Gas (# 25 MW)
 - 16.150 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 16.190 Liquid Fuel & Liquid Fuel Mixtures
 - 16.200 Combined Cycle & Cogeneration (# 25 MW)
 - 16.210 Natural Gas (includes propane and liquefied petroleum gas)
 - 16.220 Landfill/Digester/Bio-Gas
 - 16.250 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 16.290 Liquid Fuel & Liquid Fuel Mixtures
 - 16.900 Other/Unknown Cycle and/or Fuel (# 25 MW)

- 17.000 Internal Combustion Engines
 - 17.100 Large Internal Combustion Engines (> 500 HP)

- 17.110 Fuel Oil (ASTM #1,2, includes kerosene, aviation, diesel fuel)
- 17.120 Other Liquid Fuel & Liquid Fuel Mixtures
- 17.130 Natural Gas (includes propane and liquified petroleum gas)
- 17.140 Landfill/Digester/Bio-Gas
- 17.150 Other Gaseous Fuel & Gaseous Fuel Mixtures
- 17.190 Other/Unknown Fuel
- 17.200 Small Internal Combustion Engines (# 500 HP)
 - 17.210 Fuel Oil (ASTM #1,2, includes kerosene, aviation, diesel fuel)
 - 17.220 Other Liquid Fuel & Liquid Fuel Mixtures
 - 17.230 Natural Gas (includes propane and liquified petroleum gas)
 - 17.240 Landfill/Digester/Bio-Gas
 - 17.250 Other Gaseous Fuel & Gaseous Fuel Mixtures
 - 17.290 Other/Unknown Fuel

19.000 Miscellaneous Combustion

- 19.100 Crematoriums
- 19.200 Emission Control Afterburners & Incinerators (Combustion Gases Only)
- 19.300 Flares
 - 19.310 Chemical Plant Flares
 - 19.320 Digester & Landfill Gas Flares
 - 19.330 Refinery Flares
 - 19.390 Other Flares
- 19.600 Misc. Boilers, Furnaces, Heaters
- 19.700 Misc. Combustion Turbines
- 19.800 Misc. Internal Combustion Engines
- 19.900 Other Misc. Combustion

20.000 WASTE DISPOSAL

21.000 Waste Combustion Processes

- 21.100 Commercial/Industrial Solid Waste Combustion
- 21.200 Hazardous Waste Incineration
- 21.300 Hospital/Medical/Infectious Waste Incineration
- 21.400 Municipal Waste Combustion
- 21.500 Wastewater Treatment Sludge Incineration
- 21.900 Mixed/Other Waste Combustion/Incineration

22.000 Wastewater/Contaminated Ground Water Treatment (except 21.500)

- 22.100 Contaminated Ground Water Treatment
- 22.200 Industrial Wastewater Treatment
- 22.300 Publically Owned Treatment Works (POTW)
- 22.900 Other Wastewater Treatment Processes

29.000 Other Waste Processing and Disposal

- 29.100 Contaminated Soil Treatment

- 29.200 Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF)
- 29.300 Waste Recycling Processes
- 29.900 Other Waste Processing & Disposal Processes

30.000 WOOD PRODUCTS INDUSTRIES

- 30.100 Charcoal Manufacturing
- 30.200 Kraft Pulp & Paper Processes
 - 30.210 Kraft Material Recovery Processes
 - 30.211 Kraft Recovery Furnaces/ Boilers
 - 30.212 Kraft Smelt Dissolving Tanks
 - 30.219 Other Kraft Material Recovery Processes
 - 30.220 Kraft Digesting Processes
 - 30.221 Kraft Batch Digesters
 - 30.229 Other Kraft Digesting Processes
 - 30.230 Kraft Lime Kiln Processes
 - 30.231 Kraft Lime Kilns
 - 30.239 Other Kraft Lime Kiln Processes
 - 30.240 Kraft Paper Making Processes
 - 30.241 Kraft Paper Machines
 - 30.242 Kraft Bleach Processes
 - 30.249 Other Kraft Paper Making Processes
 - 30.290 Other Kraft Processes
- 30.300 Plywood Manufacturing
 - 30.310 Plywood Dryers
 - 30.320 Plywood Presses
 - 30.390 Other Plywood Manufacturing Processes
- 30.400 Non-Kraft Pulp & Paper Processes
 - 30.420 Non-Kraft Paper Machines
 - 30.490 Other Non-Kraft Operations
- 30.500 Particle & Strand Board Manufacturing
 - 30.510 Board Mfg, Material Handling. (e.g. unloading, storage & distribution)
 - 30.520 Board Presses.
 - 30.530 Board Mfg. Dryers
 - 30.540 Board Product Finishing. (e.g. sanders, saws and trimmers)
 - 30.590 Miscellaneous Particle & Strand Board Operations
- 30.600 Wood Treatment
- 30.700 Woodworking
- 30.800 Wood/Lumber Kilns
- 30.999 Other Wood Products Industries

40.000 ORGANIC EVAPORATIVE LOSSES

41.000 SURFACE COATING/PRINTING/GRAPHIC ARTS

- 41.001 Aerospace Surface Coating
- 41.002 Automobiles and Trucks Surface Coating (OEM)
- 41.003 Automotive Refinishing
- 41.004 Can Surface Coating
- 41.005 Fabric Coating/Printing/Dyeing (except 41.017)
- 41.006 Flatwood Paneling Surface Coating
- 41.007 Flexible Vinyl & Urethane Coating/Printing
- 41.008 Large Appliance Surface Coating
- 41.026 Leather Surface Coating
- 41.009 Magnetic Tape Surface Coating
- 41.010 Magnetic Wire Surface Coating
- 41.011 Metal Coil Surface Coating
- 41.012 Metal Furniture Surface Coating
- 41.013 Miscellaneous Metal Parts and Products Surface Coating
- 41.014 Paper, Plastic & Foil Web Surface Coating (except 41.007 & 41.018)
- 41.015 Plastic Parts for Business Machines Surface Coating
- 41.016 Plastic Parts & Products Surface Coating (except 41.015)
- 41.017 Polymeric Coating of Fabrics
- 41.018 Pressure Sensitive Tapes and Labels Coating
- 41.019 Printing - Forms
- 41.020 Printing - News Print
- 41.021 Printing - Packaging
- 41.022 Printing - Publication
- 41.023 Printing/Publication (except 41.007 & 41.019-022)
- 41.024 Ship Building & Repair Surface Coating
- 41.025 Wood Products/Furniture Surface Coating (except 41.006)
- 41.999 Other Surface Coating/Printing/Graphic Arts Sources

42.000 LIQUID MARKETING (PETROLEUM PRODUCTS, GASOLINE, VOL)

- 42.001 Gasoline Bulk Plants
- 42.002 Gasoline Bulk Terminals
- 42.003 Gasoline Marketing (except 42.001 & 42.002)
- 42.004 Petroleum Liquid Marketing (except 42.001-003 & 42.005-006)
- 42.005 Petroleum Liquid Storage in Fixed Roof Tanks
- 42.006 Petroleum Liquid Storage in Floating Roof Tanks
- 42.009 Volatile Organic Liquid Storage
- 42.010 Volatile Organic Liquid Marketing (except 42.009)
- 42.999 Other Liquid Marketing Sources

49.000 ORGANIC EVAPORATIVE LOSSES (except all 41.000 & 42.000 process codes)

- 49.001 Aerosol Can Filling
- 49.012 Architectural & Industrial Maintenance (AIM) Coatings
- 49.013 Automobile Refinish Coatings

- 49.011 Consumer Products
- 49.002 Dry Cleaning - PERC/Chlorinated Solvents
- 49.003 Dry Cleaning - Petroleum Solvents
- 49.004 Fiberglass Boat Manufacturing
- 49.005 Fiberglass/Reinforced Polymer Products Manufacturing (except 49.004)
- 49.006 Halogenated Solvent Cleaners
- 49.007 Ink Manufacturing
- 49.008 Organic Solvent Cleaning & Degreasing (except 49.006)
- 49.009 Paint/Coating/Adhesives Manufacturing
- 49.010 Paint Stripping
- 49.999 Other Organic Evaporative Loss Sources

50.000 PETROLEUM/NATURAL GAS PRODUCTION AND REFINING

- 50.001 Oil and Gas Field Services
- 50.002 Natural Gas/Gasoline Processing Plants
- 50.003 Petroleum Refining Conversion Processes (cracking, CO boilers, reforming, alkylation, polymerization, isomerization, coking)
- 50.007 Petroleum Refining Equipment Leaks/Fugitive Emissions
- 50.004 Petroleum Refining Feedstock (blending, loading and unloading)
- 50.008 Petroleum Refining Flares and Incinerators (except acid gas/sulfur recovery unit incinerators - 50.006)
- 50.005 Petroleum Refining Separation Processes (distillation and light ends recovery)
- 50.006 Petroleum Refining Treating Processes (hydrodesulfurization, hydrotreating, chemical sweetening, acid gas removal, deasphalting, sulfur recovery units, acid gas/sulfur recovery unit incinerators)
- 50.009 Petroleum Refining Wastewater and Wastewater Treatment
- 50.010 Shale Processing
- 50.999 Other Petroleum/Natural Gas Production & Refining Sources (except 50.001-010 & 42.000)

60.000 CHEMICALS MANUFACTURING

61.000 AGRICULTURAL CHEMICALS MANUFACTURING

- 61.012 Fertilizer Production (except 61.009)
- 61.009 Phosphate Fertilizers Production
- 61.999 Other Agricultural Chemical Manufacturing Sources

62.000 INORGANIC CHEMICALS MANUFACTURING

- 62.003 Chlorine Production
- 62.006 Fume Silica Production
- 62.008 Hydrogen Cyanide Production
- 62.020 Inorganic Liquid/Gas Storage & Handling

- 62.014 Nitric Acid Plants
- 62.010 Phosphoric Acid Manufacturing
- 62.018 Sodium Carbonate Production
- 62.012 Sodium Cyanide Production
- 62.019 Sulfur Recovery (except 50.006)
- 62.015 Sulfuric Acid Plants
- 62.999 Other Inorganic Chemical Manufacturing Sources

63.000 POLYMER AND RESIN PRODUCTION

- 63.002 Acrylonitrile-Butadiene-Styrene Production
- 63.006 Butyl Rubber Production
- 63.012 Ethylene-propylene Rubber Production
- 63.013 Flexible Polyurethane Foam Production
- 63.015 Maleic Copolymers Production
- 63.025 Polycarbonates Production
- 63.026 Polyester Resins Production
- 63.028 Polyethylene Terephthalate Production
- 63.029 Polymerized Vinylidene Production
- 63.031 Polystyrene Production
- 63.033 Polyvinyl Acetate Emulsions Production
- 63.036 Polyvinyl Chloride and Copolymers Production
- 63.037 Reinforced Plastic Composites Production
- 63.039 Styrene Butadiene Rubber and Latex Production
- 63.999 Other Polymer and Resin Manufacturing Sources

64.000 SYNTHETIC ORGANIC CHEMICAL MANUFACTURING INDUSTRY (SOCMI)

- 64.001 Batch Reaction Vessels (except 69.011)
- 64.002 Equipment Leaks (valves, compressors, pumps, etc.)
- 64.003 Processes Vents (emissions from air oxidation, distillation, and other reaction vessels)
- 64.004 Storage Tanks (SOCMI Chemicals only)
- 64.005 Transfer of SOCMI Chemicals (loading/unloading, filling, etc.)
- 64.006 Wastewater Collection & Treatment (SOCMI only)
- 64.999 Other SOCMI Industry Sources

65.000 SYNTHETIC FIBERS PRODUCTION

- 65.001 Acrylic Fibers/Modacrylic Fibers Production
- 65.003 Spandex Production
- 65.999 Other Synthetic Fibers Production Sources

69.000 OTHER CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65)

- 69.015 Carbon Black Manufacturing
- 69.008 Explosives Production
- 69.011 Pharmaceuticals Production
- 69.016 Soap & Detergent Manufacturing

69.999 Other Chemical Manufacturing Sources

70.000 FOOD AND AGRICULTURAL PRODUCTS (also see 61 - AGRICULTURAL CHEMICALS)

- 70.100 Alcohol Production
 - 70.110 Alcoholic Beverage Production
 - 70.120 Alcohol Fuel Production
 - 70.190 Other Alcohol Production
- 70.200 Grain Handling and Drying
 - 70.210 Grain Dryers
 - 70.230 Grain Loading & Unloading
 - 70.290 Other Grain Handling
- 70.300 Vegetable Oil Manufacturing
 - 70.310 Corn & Sun Flower Seed Oil Manufacturing - Germ Wet Mill
 - 70.320 Corn Oil Manufacturing -Dry Mill
 - 70.330 Cotton Seed Oil Manufacturing
 - 70.350 Soybean Oil Manufacturing
 - 70.390 Other Vegetable Oil Manufacturing Processes
- 70.400 Fruit & Vegetable Processing
- 70.500 Agricultural Products Processing & Manufacturing
 - 70.510 Starch Manufacturing
 - 70.520 Tobacco Processing
 - 70.530 Cotton Ginning
 - 70.540 Seeds, Nuts, Spices, & Herbs Processing
 - 70.550 Bakeries and Snack Foods
 - 70.590 Other Agricultural Products
- 70.600 Meat Processing
- 70.700 Fish Processing
- 70.900 Other Food & Agricultural Products & Processes

80.000 METALLURGICAL INDUSTRY

81.000 FERROUS METALS INDUSTRY

- 81.100 Coke Processes
 - 81.110 Coke Oven Batteries - non-by product
 - 81.111 Pushing
 - 81.112 Battery Stack
 - 81.113 Doors
 - 81.114 Lids
 - 81.115 Charging
 - 81.190 Other Coke Processes
- 81.200 Steel Production (excludes Steel & Iron Foundry Processes)
 - 81.210 Electric Arc Furnaces

- 81.220 Hot Metal Transfer & Ladle Processes
- 81.230 Casting & Pouring Processes
- 81.290 Other Steel Manufacturing Processes
- 81.300 Steel Foundry Processes
 - 81.310 Electric Arc Furnaces
 - 81.320 Cupola Furnaces
 - 81.330 Induction Furnaces
 - 81.340 Ladle Metallurgy Processes
 - 81.350 Casting & Pouring Processes
 - 81.360 Core Making Processes
 - 81.370 Miscellaneous Melt Shop Operations
 - 81.380 Scrap Handling & Preparation Processes
 - 81.390 Other Steel Foundry Processes
- 81.400 Iron Foundry Processes
 - 81.410 Cupola Furnaces
 - 81.420 Induction Furnaces
 - 81.430 Desulfurization
 - 81.440 Sand, Core & Mold Making Processes
 - 81.450 Casting & Pouring Processes
 - 81.460 Shake Out Processes
 - 81.490 Other Iron Foundry Processes
- 81.500 Ferroalloy Production Processes (Includes Stainless & Specialty Steels)
 - 81.510 Electric Arc Furnaces
 - 81.520 Metal Oxygen Refining
 - 81.530 Fugitive Dust Sources
 - 81.590 Other Ferroalloy Production Processes
- 81.600 Pickling Processes
- 81.900 Other Ferrous Metal Industry Processes

82.000 NONFERROUS METALS INDUSTRY

- 82.100 Aluminum Products & Smelting
 - 82.110 Primary Aluminum
 - 82.111 Primary Aluminum Furnaces & Pot Lines
 - 82.119 Misc. Primary Aluminum Processes
 - 82.120 Secondary Aluminum
 - 82.121 Secondary Aluminum Furnaces
 - 82.123 Secondary Aluminum Casting Lines
 - 82.129 Misc. Secondary Aluminum Processes
- 82.300 Brass Production
- 82.400 Copper Products & Smelting
 - 82.410 Primary Copper Production
 - 82.420 Secondary Copper Production
- 82.500 Lead Products & Smelting
 - 82.510 Lead Acid Battery Manufacturing
 - 82.520 Secondary Lead Smelting
 - 82.590 Miscellaneous Lead Products & Smelting

82.800 Zink Smelting
82.999 Other Non-Ferrous Metals Industry Sources

90.000 MINERAL PRODUCTS

90.001 Alumina Processing
90.035 Asbestos Manufacturing
90.002 Asphalt/Coal Tar Application - Metal Pipes
90.003 Asphalt Concrete Manufacturing
90.004 Asphalt Processing (except 90.002, 90.003 & 90.034)
90.034 Asphalt Roofing Products Manufacturing
90.017 Calciners & Dryers at Mineral Processing Facilities
90.005 Calcium Carbide Manufacturing
90.006 Cement Manufacturing (except 90.028)
90.007 Chromium Refractories Production
90.008 Clay and Fly Ash Sintering
90.009 Clay Products (including Bricks & Ceramics)
90.010 Coal Conversion/Gasification
90.011 Coal Handling/Processing/Preparation/Cleaning
90.012 Concrete Batch Plants
90.013 Elemental Phosphorous Plants
90.014 Frit Manufacturing
90.015 Glass Fiber Manufacturing (except 90.033)
90.016 Glass Manufacturing
90.018 Lead Ore Crushing and Grinding
90.019 Lime/Limestone Handling/Kilns/Storage/Manufacturing
90.020 Mercury Ore Processing
90.021 Metallic Mineral/Ore Processing (except 90.018, 90.020 & 90.031)
90.022 Mineral Wool Manufacturing
90.023 Mining Operations (except 90.032)
90.024 Non-metallic Mineral Processing (except 90.011, 90.019, 90.017, 90.026)
(NOTE: This category includes stone quarrying, sand and gravel processing, gypsum processing, perlite processing and all other non-metallic mineral/ore processing.)
90.026 Phosphate Rock Processing
90.027 Phosphogypsum Stacks
90.028 Portland Cement Manufacturing
90.029 Refractories
90.031 Taconite Iron Ore Processing
90.032 Underground Uranium Mines
90.033 Wool Fiberglass Manufacturing
90.999 Other Mineral Processing Sources

99.000 MISCELLANEOUS SOURCES

- 99.001 Abrasive Blasting
- 99.002 Chromic Acid Anodizing
- 99.003 Comfort Cooling Towers
- 99.004 Commercial Sterilization Facilities
- 99.005 Decorative Chromium Electroplating
- 99.006 Electronics Manufacturing (except 99.011)
- 99.013 Electroplating/Plating (except Chrome - 99.002, 99.005 & 99.007)
- 99.100 Fugitive Dust Sources
 - 99.110 Agricultural Activities
 - 99.120 Ash Storage, Handling, and Disposal
 - 99.130 Construction Activities
 - 99.140 Paved Roads
 - 99.150 Unpaved Roads
 - 99.190 Other Fugitive Dust Sources
- 99.019 Geothermal Power
- 99.007 Hard Chromium Electroplating
- 99.008 Hospital Sterilization Facilities
- 99.009 Industrial Process Cooling Towers
- 99.017 Leather Tanning
- 99.014 Polystyrene Foam Products Manufacturing
- 99.016 Polyurethane Foam Products Manufacturing
- 99.020 Rocket Demilitarization
- 99.010 Rocket Engine Test Firing
- 99.015 Rubber Tire Manufacturing and Retreading
- 99.011 Semiconductor Manufacturing
- 99.018 Synthetic Fuels Production (except 70.016 & 90.010)
- 99.012 Welding & Grinding
- 99.999 Other Miscellaneous Sources

ARCHIVED CODES:

11.000 EXTERNAL COMBUSTION

- 11.001 Bagasses Combustion
- 11.002 Coal Combustion
- 11.006 Fuel Oil Combustion
- 11.003 Lignite Combustion
- 11.004 Multiple Fuels Combustion
- 11.005 Natural Gas Combustion
- 11.007 Waste Oil Combustion
- 11.008 Wood/Wood Waste Combustion
- 11.999 Other External Combustion Sources

14.000 MISCELLANEOUS HEATERS AND FURNACES (UNKNOWN SIZE)

- 14.100 Solid Fuel & Solid Fuel Mixtures
- 14.200 Liquid Fuel & Liquid Fuel Mixtures
- 14.300 Gaseous Fuel & Gaseous Fuel Mixtures
- 14.900 Other/Unknown Fuels and Combinations (e.g., solid/liquid, liquid/gas)

15.000 INTERNAL COMBUSTION

- 15.001 Aviation Fuels
- 15.002 Diesel Fuel
- 15.006 Fuel Oil
- 15.003 Gasoline
- 15.007 Multiple Fuels
- 15.004 Natural Gas
- 15.005 Process Gas
- 15.999 Other Internal Combustion Sources

21.000 WASTE COMBUSTION PROCESSES

- 21.001 Municipal Waste Combustors/Incinerators
- 21.002 Municipal Waste Landfills
- 21.003 Publicly Owned Treatment Works (POTW) Emissions (except 21.004)
- 21.004 Sewage Sludge Incineration
- 21.999 Other Municipal Waste Processing/Disposal Facilities

22.000 WASTEWATER/CONTAMINATED GROUND WATER TREATMENT

- 22.001 Benzene Waste Treatment
- 22.002 Hazardous Waste Incineration
- 22.003 Hazardous Waste Landfills
- 22.004 Site Remediation

22.005 Treatment, Storage and Disposal Facilities (TSDF) (except 22.002, 22.003 & 22.006)
22.006 Contaminated Soil Treatment
22.007 Asbestos Demolition, Renovation, and Disposal
22.999 Other Hazardous Waste Processing/Disposal Facilities

29.000 OTHER WASTE PROCESSING AND DISPOSAL

29.001 Automobile Body Shredding/Incineration
29.002 Industrial Wastewater/Contaminated Water Treatment
29.003 Industrial Landfills
29.004 Medical/Infectious Waste Incineration
29.999 Other Waste Disposal Sources

30.000 WOOD PRODUCTS INDUSTRY

30.001 Charcoal
30.002 Kraft Pulp Mills
30.003 Plywood and Veneer Operations
30.004 Pulp and Paper Production other than Kraft
30.005 Reconstituted Panelboard Plants (waferboard, particleboard, etc.)
30.006 Wood Treatment
30.007 Woodworking
30.999 Other Wood Products Industry Sources

61.000 AGRICULTURAL CHEMICALS MANUFACTURING

61.001 2,4-D Salts and Esters Production
61.002 4-Chloro-2-Methylphenoxyacetic Acid Production
61.003 4,6-Dinitro-o-Cresol Production
61.004 Captafol (tm) Production
61.005 Captan (tm) Production
61.006 Chloroneb (tm) Production
61.007 Chlorthalonil (tm) Production
61.008 Dacthal (tm) Production
61.010 Sodium Pentachlorophenate Production
61.011 Tordon Acid Production

62.000 INORGANIC CHEMICALS MANUFACTURING

62.001 Ammonium Sulfate Production - Caprolactam By-Product Plants
62.002 Antimony Oxides Manufacturing
62.004 Chromium Chemicals Manufacturing
62.005 Cyanuric Chemicals Manufacturing
62.007 Hydrochloric Acid Production
62.009 Hydrogen Fluoride Production
62.011 Quaternary Ammonium Compounds Production

- 62.013 Uranium Hexafluoride Production
- 62.016 Chloroalkali Production
- 62.017 Hydrofluoric Acid Production

63.000 POLYMER AND RESIN PRODUCTION

- 63.001 Acetal Resins Production
- 63.003 Alkyd Resins Production
- 63.004 Amino Resins Production
- 63.005 Butadiene-Furfural Cotrimer (R-11)
- 63.007 Carboxymethylcellulose Production
- 63.008 Cellophane Production
- 63.009 Cellulose Ethers Production
- 63.010 Epichlorohydrin Elastomers Production
- 63.011 Epoxy Resins Production
- 63.014 Hypalon (tm) Production
- 63.016 Methylcellulose Production
- 63.017 Methyl Methacrylate-Acrylonitrile-Butadiene-Styrene Production
- 63.018 Methyl Methacrylate-Butadiene-Styrene Terpolymers Production
- 63.019 Neoprene Production
- 63.020 Nitrile Butadiene Rubber Production
- 63.021 Non-Nylon Polyamides Production
- 63.022 Nylon 6 Production
- 63.023 Phenolic Resins Production
- 63.024 Polybutadiene Rubber Production
- 63.027 Polyether Polyols Production
- 63.030 Polymethyl Methacrylate Resins Production
- 63.032 Polysulfide Rubber Production
- 63.034 Polyvinyl Alcohol Production
- 63.035 Polyvinyl Butyral Production
- 63.038 Styrene-Acrylonitrile Production

65.000 SYNTHETIC FIBERS PRODUCTION

- 65.002 Rayon Production

69.000 CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65)

- 69.001 Benzyltrimethylammonium Chloride Facilities
- 69.002 Butadiene Dimers Production
- 69.003 Carbonyl Sulfide Production
- 69.004 Chelating Agents Production
- 69.005 Chlorinated Paraffins Production
- 69.006 Dodecanedioic Acid Production
- 69.007 Ethylidene Norbornene Production
- 69.009 Hydrazine Production

- 69.010 OBPA/1,3-Diisocyanate Production
- 69.012 Photographic Chemicals Production
- 69.013 Phthalate Plasticizers Production
- 69.014 Rubber Chemicals Manufacturing
- 69.017 Propellant Manufacturing & Production

70.000 FOOD AND AGRICULTURAL PRODUCTS

- 70.001 Alfalfa Dehydrating
- 70.002 Baker's Yeast Manufacturing
- 70.003 Bread Bakeries
- 70.004 Cellulose Food Casing Manufacturing
- 70.005 Coffee Roasting
- 70.006 Cotton Ginning
- 70.007 Feed and Grain Handling, Storage & Processing (including Mills and Elevators)
- 70.008 Alcoholic Beverages Production
- 70.009 Fish Processing
- 70.010 Fruit and Vegetable Processing
- 70.011 Meat Smokehouses
- 70.012 Roasting (except 70.005)
- 70.013 Starch Manufacturing
- 70.014 Sugar Cane Processing
- 70.015 Vegetable Oil Production
- 70.016 Alcohol Fuel Production
- 70.999 Other Food and Agricultural Products Sources

81.000 FERROUS METALS INDUSTRY

- 81.001 Coke By-product Plants
- 81.002 Coke Production (except 81.001)
- 81.003 Ferroalloy Production
- 81.004 Iron Foundries
- 81.005 Stainless Steel/Specialty Steel Manufacturing
- 81.006 Steel Foundries
- 81.007 Steel Manufacturing (except 81.005 & 81.006)
- 81.008 Steel Pickling - HCL Process
- 81.999 Other Ferrous Metals Industry Sources

82.00 NON-FERROUS METALS INDUSTRY

- 82.001 Lead Acid Battery Manufacturing
- 82.002 Lead Acid Battery Reclamation
- 82.003 Lead Oxide and Pigment Production
- 82.004 Lead Products (except 82.001-002, 82.006 & 82.012)
- 82.005 Primary Aluminum Production
- 82.006 Primary Copper Smelting

82.007 Primary Lead Smelting
82.008 Primary Magnesium Refining
82.009 Primary Zinc Smelting
82.010 Secondary Aluminum Production
82.011 Secondary Brass & Brass Ingot Production
82.012 Secondary Copper Smelting & Alloying
82.013 Secondary Lead Smelting
82.014 Secondary Magnesium Smelting
82.015 Secondary Zinc Processing
82.016 Beryllium Processing and Manufacturing
82.999 Other Non-Ferrous Metals Industry Sources