PROCESSES WITH HAZARDOUS AIR POLLUTANTS

A review of source information shows that your company has processes that may emit hazardous air pollutants (HAPs).

HAP emission factors for some processes/equipment are provided in the Environmental Protection Agency’s (EPA), “Compilation of Air Emission Factors” (AP42) at: http://www.epa.gov/ttn/chief/ap42/index.html.

Following are the chapters and sections of AP42 where the emission factors are found:

Chapter 1 - External Combustion Sources (boilers, steam generators, furnaces, heaters, etc.) using the following fuels:
- Bituminous Coal Section 1
- Fuel Oil (distillate oil and residual oils) Section 3
- Natural Gas Section 4
- Wood Section 6
- Waste Oil Section 11

Chapter 2 - Solid Waste Disposal:
- Municipal Solid Waste Combustion Section 1
- Sewage Sludge Incineration Section 2
- Medical Waste Incineration Section 3
- Municipal Solid Waste Landfills Section 4

Chapter 3 - Stationary Internal Combustion Sources (engines):
- Stationary Gas Turbines (compressors, combustor, and power turbines using natural gas or fuel oil) Section 1
- Natural Gas-fired Reciprocating Engines (provide power to compressors, pumps, etc.) Section 2
- Diesel Industrial Engines Section 3
- Large Stationary Diesel and All Stationary Duel-fuel Engines Section 4

Chapter 4 - Evaporation Loss Sources:*
- Tank and Drum Cleaning Section 8

*Note: Waste Water Collection, Treatment, and Storage HAPs are calculated by software located at: http://www.epa.gov/ttn/chief/software/water/index.html.

Chapter 5 - Organic Chemical Processing:
- Carbon Black Section 1
- Explosives Section 3
- Pharmaceuticals Production Section 13
Chapter 11 - Mineral Products Industry:
  Hot Mix Asphalt Plants Section 1
  Brick and Structural Clay Product Manufacturing Section 3
  Refractory Manufacturing Section 5
  Portland Cement Manufacturing Section 6
  Concrete Batching Section 12

Chapter 12 - Metallurgical Industry:
  Electric Arc Welding Section 19
  Electroplating Section 20

Chapter 13 – Miscellaneous Sources:
  Explosive Detonation Section 3