

Combustion HAP Emissions
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Hazardous Air Pollutants from Standby Diesel Fuel Combustion Sources			
Hazardous Air Pollutants - Combustion	Emission Factor [1]	Units of Measure	Furnace PTE (TPY)
Polycyclic Organic Matter	0.00116	lb/kgal	1.96E-05
Benzene	0.000214	lb/kgal	3.63E-06
Ethylbenzene	0.0000636	lb/kgal	1.08E-06
Formaldehyde	0.0033	lb/kgal	5.59E-05
1,1,1-Trichloroethane	0.000236	lb/kgal	4.00E-06
Naphthalene	0.0011	lb/kgal	1.86E-05
Toluene	0.0062	lb/kgal	1.05E-04
Xylene	0.000109	lb/kgal	1.85E-06
Arsenic	4	lb/10 ¹² Btu	9.49E-06
Beryllium	3	lb/10 ¹² Btu	7.12E-06
Cadmium	3	lb/10 ¹² Btu	7.12E-06
Chromium	3	lb/10 ¹² Btu	7.12E-06
Lead	9	lb/10 ¹² Btu	2.14E-05
Manganese	6	lb/10 ¹² Btu	1.42E-05
Mercury	3	lb/10 ¹² Btu	7.12E-06
Nickel	3	lb/10 ¹² Btu	7.12E-06
Selenium	15	lb/10 ¹² Btu	3.56E-05
Total HAP [2]	0.01924		3.26E-04
Fuel Energy		10 ¹² BTU/yr	4.75E-03
Processing Rate		kgal/yr	33.9

[1] Emission factors from Table 1.4-3 and 1.4-4 of AP-42

[2] Assume metal HAPs are negligible