

Combustion HAP Emissions
Arglass Yamamura, LLC.
Valdosta Georgia

Hazardous Air Pollutants from Natural Gas Combustion Sources Other than the Furnace				
Hazardous Air Pollutants - Combustion	Emission Factor (lb/mmcf) [1]	Mold Preheating PTE (TPY)	Lehrs PTE (TPY)	Forehearths PTE (TPY)
Polycyclic Organic Matter	8.70E-05	7.65E-07	3.57E-06	1.02E-05
Benzene	0.0021	1.85E-05	8.62E-05	2.46E-04
Formaldehyde	0.075	6.59E-04	3.08E-03	8.79E-03
Hexane	1.8	1.58E-02	7.38E-02	2.11E-01
Naphthalene	0.00061	5.36E-06	2.50E-05	7.15E-05
Toluene	0.0034	2.99E-05	1.39E-04	3.99E-04
Arsenic	0.0002	1.76E-06	8.21E-06	2.34E-05
Beryllium	0.000012	1.05E-07	4.92E-07	1.41E-06
Cadmium	0.0011	9.67E-06	4.51E-05	1.29E-04
Chromium	0.0014	1.23E-05	5.74E-05	1.64E-04
Cobalt	0.000084	7.38E-07	3.45E-06	9.85E-06
Manganese	0.00038	3.34E-06	1.56E-05	4.45E-05
Mercury	0.00026	2.29E-06	1.07E-05	3.05E-05
Nickel	0.0021	1.85E-05	8.62E-05	2.46E-04
Selenium	0.000024	2.11E-07	9.85E-07	2.81E-06
Total HAP	1.89E+00	1.66E-02	7.74E-02	2.21E-01
	Processing Rate (mmcf/yr)	17.58	82.05	234.5

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