

Emissions Summary
Arglass Yamamura, LLC
Valdosta, Georgia

Firing Rate and Fuel Use: ⁽¹⁾	
Maximum Firing Rate (MMScf/hr)	0.006
Average Firing Rate (MMScf/hr)	0.002
Heating value of Fuel (MMBtu/MMScf)	1,020
Maximum Firing Rate (MMBtu/hr)	5.714
Total Annual Operating Hours (hr/yr)	8,760
Permitted Annual Heat Input (MMBtu/yr)	16,686
Permitted Annual Fuel Usage (MMScf/yr)	16.36
Emission Factors (lb/MMscf) ⁽²⁾	
CO	84
NOx	100
SO2	0.6
FPM/PM-10/PM-2.5	7.6
VOC	5.5
Emission Factors (ton/MMBtu) ⁽³⁾	
CO ₂	5.84E-02
CH ₄	1.10E-06
N ₂ O	1.10E-07
Hourly Emissions (lb/hr)	
CO	0.47
NOx	0.560
SO2	0.003
FPM/PM-10/PM-2.5	0.043
VOC	0.031
Annual Emissions (TPY)	
CO	0.69
NOx	0.82
SO2	0.005
FPM/PM-10/PM-2.5	0.062
VOC	0.045
CO ₂ e	976.2

Notes:

- (1) Heat inputs and firing rates are calculated for three (3) lehrs combined.
- (2) Emission factors are based on AP-42 Table 1.4-2 natural gas combustion for small boilers (<100 Mmbtu/hr)
- (3) Calculated based on emission factors in 40 CFR 98 Subpart C, Tables C-1 & C-2