Emissions Summary for Four (4) Annealing Lehrs
Arglass Yamamura, LLC.
Valdosta Georgia

Firing Rate and Fuel Use: [1]	
Maximum Firing Rate (MMScf/hr)	0.009
Average Firing Rate (MMScf/hr)	0.006
Heating value of Fuel (MMBtu/MMScf)	1,020
Maximum Firing Rate (MMBtu/hr)	9.554
Average Firing Rate (MMBtu/hr)	5.732
Total Annual Operating Hours (hr/yr)	8,760
Potential Annual Heat Input (MMBtu/yr)	83,693
Potential Annual Fuel Usage (MMScf/yr)	82.05
Emission Factors (lb/MMscf) [2]	
CO	84
NOx	100
SO2	0.6
PM/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_2O	1.10E-07
Hourly Emissions (lb/hr)	
CO	0.79
NOx	0.937
SO2	0.006
PM/PM-10/PM-2.5	0.071
VOC	0.052
Annual Emissions (TPY)	
CO	3.45
NOx	4.10
SO2	0.02
PM/PM-10/PM-2.5	0.31
VOC	0.23
CO2e	4896.5

Notes:

(1) Heat inputs and firing rates are calculated for four (4) 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