

**Emissions Summary**  
**Arglass Yamamura, LLC**  
**Valdosta, Georgia**

Table 1-A

<i>Maximum Heat Input:</i>	72.0	MMBtu/hr	<i>Annual Fuel Usage:</i>	11.29	MMCF/year
<i>Daily Glass Pull:</i>	435	Short Tons/day	<i>Annual Heat Input:</i>	11,520	MMBtu/year
<i>Fuel:</i>	Natural Gas		<i>Annual Glass Pull:</i>	826	short tons/year
<i>HHV:</i>	1,020	MMBtu/MMCF	<i>Hours of Operation:</i>	160	Hrs/year

Normal Operating Scenario					
Criteria Pollutants	Emission Factor	Units	PTE (lb/hr)	PTE (TPY)	Basis
CO	15.5	lb/hr	15.48	1.2	Vendor Data
NOx	1.2	lb/ton	21.75	0.5	Vendor Data
SO2	1.25	lb/ton	22.66	0.5	Vendor Data
PM <sub>10</sub>	0.40	lb/ton	7.25	0.2	Vendor Data
PM <sub>2.5</sub>	0.40	lb/ton	7.25	0.2	Vendor Data
FPM	0.2	lb/ton	3.63	0.1	Vendor Data
VOC	3.9	lbs/hr	3.87	0.3	Vendor Data

Table 1-B

<i>Maximum Heat Input:</i>	23.9	MMBtu/hr	<i>Annual Fuel Usage:</i>	27,305	gal/year
<i>Daily Glass Pull:</i>	22.05	Short Tons/day	<i>Annual Heat Input:</i>	3,823	MMBtu/year
<i>Fuel:</i>	Diesel Fuel		<i>Annual Glass Pull:</i>	147	short tons/year
<i>HHV:</i>	140,000	Btu/gal	<i>Hours of Operation:</i>	160	Hrs/year

Emergency Operations with Fuel Oil Backup					
Criteria Pollutants	Emission Factor	Units	PTE (lb/hr)	PTE (TPY)	Basis <sup>(1)</sup>
CO	0.2	lb/ton	0.18	0.015	AP-42 Emission Factors
NOx	6.2	lb/ton	5.70	0.46	AP-42 Emission Factors
SO2	3.40	lb/ton	3.12	0.25	AP-42 Emission Factors
PM <sub>10</sub>	1.40	lb/ton	1.29	0.10	AP-42 Emission Factors
PM <sub>2.5</sub>	1.40	lb/ton	1.29	0.10	AP-42 Emission Factors
FPM	1.4	lb/ton	1.29	0.10	AP-42 Emission Factors
VOC	0.2	lb/ton	0.18	0.015	AP-42 Emission Factors

(1) AP-42 Emission Factors from Chapter 11.15, Glass Manufacturing, Tables 11.15-1 and 11.15-2.