

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

**Emissions Calculations**

Pollutant	Emission Factor (lb/hp-hr)	Hourly Emission Rate (lb/hr)	Annual Emission Rate (tpy)	Notes
Filterable PM	0.0022	0.27	0.07	3
PM <sub>10</sub>	0.0022	0.27	0.07	3
PM <sub>2.5</sub>	0.0022	0.27	0.07	3
NO <sub>x</sub>	0.0123	1.49	0.37	4
CO	8.16E-03	0.99	0.25	4
SO <sub>2</sub>	2.05E-03	0.25	0.06	3
VOC	0.0013	0.16	0.04	3
CO <sub>2</sub>	1.15	139.15	34.79	3
N <sub>2</sub> O	9.26E-06	0.00	<0.01	5
CH <sub>4</sub>	4.63E-05	0.01	0.00	3
CO <sub>2</sub> e	-	139.62	34.91	6
Benzene	6.53E-06	0.00	<0.01	7
Toluene	2.86E-06	0.00	<0.01	7
Xylenes	2.00E-06	<0.01	<0.01	7
Formaldehyde	8.26E-06	<0.01	<0.01	7
Acetaldehyde	5.37E-06	<0.01	<0.01	7
Acrolein	6.48E-07	<0.01	<0.01	7
Polycyclic aromatic hydrocarbons (PAH)	1.18E-06	<0.01	<0.01	7
Total HAP	-	0.00	<0.01	

**Notes:**

1. Emergency generators are limited to 300 hours of operation per year.
2. Per 40 CFR 60.4207(b), represents maximum sulfur content for nonroad diesel fuel, as specified in 40 CFR 80.510(b)(1)(i).  
per footnote 'f,' TOC is 9% methane and 91% nonmethane.  
75 kW (50-100 hp) in g/bhp-hr, converted to lb/bhp-hr.  
lb, and convert from MMBtu to hp-hr (\* 7000 Btu/hp-hr / 1,000,000 Btu/MMBtu).
6. Global Warming Potentials from 40 CFR 98 Subpart A Table A-1.  
Convert from MMBtu to hp-hr (\* 7000 Btu/hp-hr / 1,000,000 Btu/MMBtu).