

Fuel	Pollutant	Emission Factor (lb/MMscf)	lb/hr	tpy	sum lb/hr	Sum of Fuel Combustion emission tpy
Natural Gas						
	PM		7.6	0.34	1.48	2.58
	Nox		50	2.22	9.74	20.74
	SO2		0.6	0.03	0.12	39.17
	Lead	5.00E-04	0.00	0.00	0.63	2.75
	VOC		5.5	0.24	1.07	1.38
	CO		84	3.74	16.37	19.12
Fuel Oil	lb/1000 gal	lb/yr	tpy	Calculations based on max fuel oil usage		
	PM	2	2200	1.1		
	Nox	20	22000	11		
	SO2	71	78100	39.05		
	Lead	5	5500	2.75		
	VOC	0.556	611.6	0.3058		
	CO	5	5500	2.75		

The rated heat capacity is higher than in the permit. No physical changes.

PM emissions from 1200-03-06-.02(2)

$E = .6(10/Q)^{.5566}$

11.73

51.39

Fuel oil calculations based on boiler capacity

	Boiler capacity (MMBTU/hr)	Gallons/hr	lbs/hr	tpy	sum	
SO2	45.381	324.15	23.01	100.80	100.92	
PM		324.15	0.65	2.84	4.32	
Nox		324.15	6.48	28.40	38.14	
Lead		324.15	1.62	7.10	7.10	
VOC		324.15	0.18	0.79	1.86	
CO		324.15	1.62	7.10	23.47	