



Potential to Emit NATURAL GAS FIRED OVENS CALCULATION WORKSHEET

Company Name:	Name of Person completing form:
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Oven Information	
A. Number of Ovens:	
B. Heat Input Capacity of Each Oven (Btu/hr):	
1. Btu/hr	4. Btu/hr
2. Btu/hr	5. Btu/hr
3. Btu/hr	6. Btu/hr
7. Btu/hr	8. Btu/hr
9. Btu/hr	
C. Total Heat Input Capacity of All Ovens (Btu/hr):	D. Natural Gas Usage Rate (ft ³ /hr):
	(C) x (1 ft ³ /1,020 Btu) = ft³/hr

Potential to Emit	
E. Potential to Emit NO _x (D) x (100 lbs NO _x /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons NO_x/yr
F. Potential to Emit CO: (D) x (84 lbs CO/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons CO/yr
G. Potential to Emit PM: (D) x (7.6 lbs PM/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons PM/yr
H. Potential to Emit SO ₂ : (D) x (0.6 lbs SO ₂ /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons SO₂/yr
I. Potential to Emit VOC: (D) x (5.5 lbs VOC/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons VOC/yr



Potential to Emit NATURAL GAS FIRED OVENS CALCULATION WORKSHEET

Company Name: Sample Corporation	Name of Person completing form: Joseph Sample
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Oven Information	
A. Number of Ovens: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">3</div>	
B. Heat Input Capacity of Each Oven (Btu/hr):	
1. 500,000 Btu/hr	4. Btu/hr
2. 2,000,000 Btu/hr	5. Btu/hr
3. 2,000,000 Btu/hr	6. Btu/hr
7. Btu/hr	8. Btu/hr
9. Btu/hr	9. Btu/hr
C. Total Heat Input Capacity of All Ovens (Btu/hr): <div style="text-align: right; font-weight: bold; font-size: 1.2em;">4,500,000</div>	D. Natural Gas Usage Rate (ft ³ /hr): (C) x (1 ft ³ /1,020 Btu) = 4,411.76 ft³/hr

Potential to Emit	
E. Potential to Emit NO _x (D) x (100 lbs NO _x /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	1.93 Tons NO_x/yr
F. Potential to Emit CO: (D) x (84 lbs CO/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	1.62 Tons CO/yr
G. Potential to Emit PM: (D) x (7.6 lbs PM/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.15 Tons PM/yr
H. Potential to Emit SO ₂ : (D) x (0.6 lbs SO ₂ /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.01 Tons SO₂/yr
I. Potential to Emit VOC: (D) x (5.5 lbs VOC/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.11 Tons VOC/yr