



Potential to Emit NATURAL GAS FIRED SPACE HEATERS CALCULATION WORKSHEET

Company Name:	Name of Person Completing Form:
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Generator Information					
A. Number of Space Heaters:					
B. Heat Input Capacity of Each Space Heater (Btu/hr):					
1.	Btu/hr	4.	Btu/hr	7.	Btu/hr
2.	Btu/hr	5.	Btu/hr	8.	Btu/hr
3.	Btu/hr	6.	Btu/hr	9.	Btu/hr
C. Total Heat Input Capacity of All Space Heaters (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 (20 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 (8.7 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 _x :	
(D) x (0.6 lbs SO _x /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons SO_x/yr
I. Potential to Emit VOC:	
(D) x (5.3 lbs VOC/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	Tons VOC/yr



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EXAMPLE

Company Name: Sample Corporation	Name of Person Completing Form: Joseph Sample
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Generator Information	
A. Number of Space Heaters: <div style="text-align: center; font-size: 24px; font-weight: bold;">4</div>	
B. Heat Input Capacity of Each Space Heater (Btu/hr):	
1. 20,000 Btu/hr	4. 20,000 Btu/hr
2. 20,000 Btu/hr	5. Btu/hr
3. 20,000 Btu/hr	6. Btu/hr
7. Btu/hr	8. Btu/hr
9. Btu/hr	9. Btu/hr
C. Total Heat Input Capacity of All Space Heaters (Btu/hr): <div style="text-align: right; font-size: 24px; font-weight: bold;">80,000</div>	D. Natural Gas Usage Rate (ft ³ /hr): (C) x (1 ft ³ /1,020 Btu) = <div style="text-align: right; font-size: 24px; font-weight: bold;">78.43 ft³/hr</div>

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) =	0.03 Tons NO _x /yr
F. Potential to Emit CO: (D) x (20 lbs CO/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.007 Tons CO/yr
G. Potential to Emit PM: (D) x (8.7 lbs PM/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.003 Tons PM/yr
H. Potential to Emit SO _x : (D) x (0.6 lbs SO _x /1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.0002 Tons SO _x /yr
I. Potential to Emit VOC: (D) x (5.3 lbs VOC/1,000,000 ft ³) x (8,760 hrs/yr) x (1 ton/2,000 lbs) =	0.002 Tons VOC/yr