ESTIMATED Potential to Emit PTE - (tons/yr) Non-fugitive							
PM2.5	PM10	PM	CO	NO_x	SO_2	VOCs	HAPS
2.49	3.39	5.04	19.79	37.87	86.95	11.68	7.84

Other	PM2.5	PM10	PM	CO	NOx	SO2	VOC's	HAP's
0.0	2.49	3.39	5.04	19.79	37.87	86.95	11.68	7.84

Notes			Source	Capacity / Hours		Unirs	Emission Factors (EF)	Pollutants (Source)	EF Units	PM2.5	PM10	PM	CO	NOx	SO2	VOC's	HAP's
			CI ICE > 600 hp														
			Generators (1 ea)	Power	5092	hp	7.00E-04	PM10	lbs/hp-hr	0.15	0.18	0.22					
	Uncotrolled	Stack (Point)		Usage	100.00	hrs/yr	5.50E-03	CO	lbs/hp-hr				1.400				
	Max		AP-42, Table 3.4-1				2.40E-02	NOx	lbs/hp-hr					6.11			
			HAPs from AP-42, Table 3.3-2				7.28E-05	SOx	lbs/hp-hr						1.85		
				0.9% wt Sulfur			7.05E-04	TOC (Exhaust)	lbs/hp-hr							0.18	
							4.41E-05	TOC (Crankcase)	lbs/hp-hr							0.011	
							1.25E-05	HAPS	lbs/hp-hr								3.18E-03
							0%	Control Efficiency									
			Boilers (Dual Fired)														
	Uncotrolled	Stack (Point)	AP-42, Table 1.3-1,2 ,6,8	Boilers (Total)	37.5	MMBtu	2.41E-02	PM	lb/MMbtu	1.56	2.40	3.96					
	Max		(PM10, CO, Nox, Sox & VOC)	Heating	8,760.00	hrs/yr	8.23E-02	CO	lb/MMbtu				13.52				
			AP-42, Table 1.4-3 (HAPS)				1.46E-01	NOx	lb/MMbtu					23.98			
							5.18E-05	SOx	lb/MMbtu						85.08		
				(.5%S)			5.39E-03	VOC	lb/MMbtu							0.89	
							1.85E-03	HAPS	lb/MMbtu								0.30
							0%	Control Efficiency									
			Boilers (Natural Gas)														
	Uncotrolled	Stack (Point)	AP-42, Table 1.3-1,2 ,6,8	Boilers (Total)	3	MMBtu	7.45E-03	PM	lb/MMbtu	0.10	0.10	0.10					
	Max		(PM10, CO, Nox, Sox & VOC)	Heating	8,760.00	hrs/yr	8.23E-02	CO	lb/MMbtu				1.08				
			AP-42, Table 1.4-3 (HAPS)				9.80E-02	NOx	lb/MMbtu					1.29			
				AP-42			5.88E-04	SOx	lb/MMbtu						0.01		
							5.39E-03	VOC	lb/MMbtu							0.07	
							1.85E-03	HAPS	lb/MMbtu								0.02
							0%	Control Efficiency									
			Emergency Generators Specific EF														
	NSPS	Stacks		Power	1541	hp	3.31E-04	PM10	lbs/hp-hr	0.02	0.03	0.03					
	750+ hp			Usage	100.00	hrs/yr	5.73E-03	CO	lbs/hp-hr				0.442				
	Controlled		Manufacture data				6.61E-03	NOx	lbs/hp-hr					0.51			
					0.0015	wt% Sulfur	1.21E-05	SOx	lbs/hp-hr						0.00		
							7.05E-04	TOC (Exhaust)	lbs/hp-hr							0.05	
							4.41E-05	TOC (Crankcase)	lbs/hp-hr							0.003	
							1.25E-05	HAPS	lbs/hp-hr								9.63E-04
							0%	Control Efficiency									
		3	g/bhphr Nox														
		2.6	g/bhphr CO														
		0.32	g/bhphr VOC - (use .32 for + 600 hp) + and 1.12 (for - 600 hp) if unknown														
		0.15	g/bhphr PM10														
			HAPs from AP-42, Table 3.3-2														
			Emergency Generators Specific EF														
	NSPS	Stacks		Power	496	hp	4.85E-04	PM10	lbs/hp-hr	0.01	0.01	0.01					
	175 < hp < 750			Usage	100.00	hrs/yr	8.16E-03	CO	lbs/hp-hr				0.202				
	Controlled		Manufacture data				6.61E-03	NOx	lbs/hp-hr					0.16			
					0.0015	wt% Sulfur	1.21E-05	SOx	lbs/hp-hr						0.00		
							2.47E-03	TOC (Exhaust)	lbs/hp-hr							0.06	
							4.41E-05	TOC (Crankcase)	lbs/hp-hr							0.001	
							1.25E-05	HAPS	lbs/hp-hr								3.10E-04
							0%	Control Efficiency									
		3	g/bhphr Nox														
		3.7	g/bhphr CO														
		1.12	g/bhphr VOC - (use .32 for + 600 hp) + and 1.12 (for - 600 hp) if unknown														
		0.22	g/bhphr PM10														
			HAPs from AP-42, Table 3.3-2														
			Emergency Generators Specific EF														
	NSPS	Stacks		Power	10986	hp	3.31E-04	PM10	lbs/hp-hr	0.15	0.18	0.22					
	750+ hp			Usage	100.00	hrs/yr	5.73E-03	CO	lbs/hp-hr				3.149				
	Controlled		Manufacture data				1.06E-02	NOx	lbs/hp-hr					5.81			
					0.0015	wt% Sulfur	1.21E-05	SOx	lbs/hp-hr						0.01		
							7.05E-04	TOC (Exhaust)	lbs/hp-hr							0.39	
							4.41E-05	TOC (Crankcase)	lbs/hp-hr							0.024	
							1.25E-05	HAPS	lbs/hp-hr								6.87E-03
							0%	Control Efficiency									
		4.8	g/bhphr Nox														
		2.6	g/bhphr CO														
		0.32	g/bhphr VOC - (use .32 for + 600 hp) + and 1.12 (for - 600 hp) if unknown														
		0.15	g/bhphr PM10														
			HAPs from AP-42, Table 3.3-2														
			Surface Coating Operations														
		Stacks Point		Coatings + Solvents	2500	gal/yr	4.00E-01	PM10	lbs/gal	0.50	0.50	0.50					
				Usage									0.000				
	Assumptions													0.00			
	Includes total point source emissions for PM in controlled		PM emitted is only from paint spray booth. i.e. Architectural coatings are fugitive and not counted.												0.00		
	enclosures with 96% overspray control		**Worst Case:**				8.00E+00	VOC	lbs/gal							10.00	
			VOC is estimated at 8.0 lbs gals (7 lbs/gal Coating and 10 lbs gal Solvent, with solvent use = 1/2 coating use														
	All HAPs emitted for 100% Architectural Coatings		HAPs per EPA - 6 lbs/gal 'Table 4, Potential to Emit Guidance April 14, 1998				6.00E+00	HAPS	lbs/gal								7.50E+00
							96%	Control Efficiency									

Use these rows to estimate uncontrolled PTE per AP-42 to determine if sythetic limitations are needed

Use these rows to estimated controlled PTE with limits after zeroing and hiding cells above as needed.