

EMISSIONS CONTROL

Emissions Control Equipment (Check all that apply)	<input type="checkbox"/> Positive Crankcase Ventilation	<input type="checkbox"/> 90% Efficient crankcase emission control device
	<input type="checkbox"/> Turbocharger	<input type="checkbox"/> Intercooler/Aftercooler
	<input type="checkbox"/> Automatic Air/Fuel Ratio or O ₂ Controller - Manufacturer: _____	
	<input type="checkbox"/> Non-Selective Catalytic Reduction: Manufacturer: _____ Model: _____	
	Control Efficiencies: NO _x _____ %, SO _x _____ %, PM ₁₀ _____ %, CO _____ %, VOC _____ %	
	<input type="checkbox"/> Particulate Filter - Manufacturer: _____ Model: _____ Control Efficiency: _____ %	
<input type="checkbox"/> Other (please specify): _____		

EMISSIONS DATA

Note: See District BACT and District Rule 4702 requirements for applicability to proposed engine at http://www.valleyair.org/busind/pto/bact/chapter3.pdf and http://www.valleyair.org/rules/curntrules/r4702.pdf .				
Emissions Data	Pollutant	(g/bhp-hr)	(g/kW-hr)	(ppmvd)
	Nitrogen Oxides (NO _x)			
	Volatile Organic Compounds (VOC)			
	NO _x + NMHC			
	Particulate Matter (PM ₁₀)			
	Carbon Monoxide			
% O ₂ , dry basis, if corrected to other than 15%: _____ %				
Source of Data	<input type="checkbox"/> Manufacturer's Specifications <input type="checkbox"/> Emissions Source Test <input type="checkbox"/> CARB/EPA Certification <input type="checkbox"/> Other _____ Note: please provide copies of all sources of emissions data.			

HEALTH RISK ASSESSMENT DATA

Operating Hours	Maximum Operating Schedule: _____ hours per day, and _____ hours per year		
Receptor Data	Distance to nearest Residence	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest apartment, house, dormitory, etc.
	Direction to nearest Residence	_____	Direction from the stack to the receptor, i.e. Northeast or South.
	Distance to nearest Business	_____ feet	Distance is measured from the proposed stack location to the nearest boundary of the nearest office building, factory, store, etc.
	Direction to nearest Business	_____	Direction from the stack to the receptor, i.e. North or Southwest.
Stack Parameters <small><i>*Note: Stack parameters may be listed on the permit as enforceable permit conditions</i></small>	Release Height <small>(See Note*)</small>	_____ feet above grade	
	Stack Diameter <small>(See Note*)</small>	_____ inches at point of release	
	Rain Cap <small>(See Note*)</small>	<input type="checkbox"/> Flapper-type <input type="checkbox"/> Fixed-type <input type="checkbox"/> None <input type="checkbox"/> Other: _____	
	Stack Orientation <small>(See Note*)</small>	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Other: _____ ° from vert. or _____ ° from horiz.	
Exhaust Data	Flowrate: _____ acfm	Temperature: _____ °F	
Transportable	Is this engine transportable? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Facility Location	<input type="checkbox"/> Urban (area of dense population) <input type="checkbox"/> Rural (area of sparse population)		