

**San Joaquin Valley Air Pollution Control District  
Supplemental Application Form**

**Spark-Ignited IC Engines for Agricultural Operations**

Please complete one form for each engine.

*This form must be accompanied by a completed Application for Authority to Construct or Permit to Operate*

PERMIT TO BE ISSUED TO (FACILITY NAME):			
LOCATION WHERE THE EQUIPMENT WILL BE OPERATED:			
HAVE YOU APPLIED FOR FUNDING THROUGH THE DISTRICT FOR THIS ENGINE? <input type="checkbox"/> YES <input type="checkbox"/> NO			
<b>Engine Details</b>	Engine Manufacturer:	Engine Model:	
	Engine Serial Number:		
	Engine Type: <input type="checkbox"/> Rich Burn (exhaust O <sub>2</sub> content of less than 4% by volume) <input type="checkbox"/> Lean Burn (exhaust O <sub>2</sub> content of 4% by volume or greater)		
	Engine Manufacturer's <i>Maximum</i> Rated Power Output (per the data plate): _____ bhp		
	<i>Maximum</i> Engine Operating Schedule: _____ hours per year		
	Fuel Type: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Gasoline <input type="checkbox"/> LPG/Propane <input type="checkbox"/> Other (please specify): _____		
<b>Emissions Data</b>	<b>For rich burn engines only:</b> 1. Is the engine equipped with a 3-way catalyst and an air/fuel controller? <input type="checkbox"/> YES <input type="checkbox"/> NO 2. Does the engine meet all of the following emissions requirements?: 90 ppmv-NO <sub>x</sub> (or 80% reduction due to retrofitting), 2000 ppmv-CO, and 250 ppmv-VOC, (all corrected to 15% O <sub>2</sub> on a dry basis) <input type="checkbox"/> YES <input type="checkbox"/> NO 3. Is the engine equipped with a District-certified emission control system? <input type="checkbox"/> YES <input type="checkbox"/> NO		
	<b>For lean burn engines only:</b> Does the engine meet all of the following emissions requirements?: 150 ppmv-NO <sub>x</sub> (or 70% reduction due to retrofitting), 2000 ppmv-CO, and 750 ppmv-VOC, (all corrected to 15% O <sub>2</sub> on a dry basis) <input type="checkbox"/> YES <input type="checkbox"/> NO		
<b>Source of Emissions Data</b>	<input type="checkbox"/> Manufacturer's Specifications <input type="checkbox"/> Emissions Source Test <input type="checkbox"/> CARB/EPA Certification <input type="checkbox"/> Emission Control System's District Certification Number: _____ <input type="checkbox"/> Other _____ <b>Note: Please provide documentation of all sources of emissions data.</b>		
<b>Process Data</b>	Process the Engine Serves: <input type="checkbox"/> Well Pump <input type="checkbox"/> Booster Pump <input type="checkbox"/> Electric Generator <input type="checkbox"/> Other (please specify): _____		
	Is the Engine: <input type="checkbox"/> Stationary <input type="checkbox"/> Transportable (is moved to operate at another location or "footprint" at least once during each operating season)		
	<i>For stationary engines only</i> , please provide all of the following information: The distance from the engine to the nearest electric power line: _____ feet Your facility's electricity rate, if available: _____ \$/kW-hr Your facility's natural gas cost, if applicable: _____ \$/1,000 scf		
<b>Receptor Data</b>	Distance to nearest Residence	_____ yards	Distance from the proposed stack location to the nearest residential property boundary. If the engine is transportable, the distance is from the residential property boundary to the nearest location the engine may be operated at your facility.
	Direction to nearest Residence	_____	Direction from the stack to the nearest residence (examples: Northeast, South, etc.)
	Distance to nearest Business	_____ yards	Distance from the proposed stack location to the nearest business property boundary. If the engine is transportable, the distance is from the business property boundary to the nearest location the engine may be operated at your facility.
	Direction to nearest Business	_____	Direction from the stack to the nearest business (examples: Northeast, South, etc.)