**San Joaquin Valley Air Pollution Control District**



# HALlogoCMYKSupplemental Application Form

**Full-Time Diesel IC Engines for Agricultural Operations**

Please complete one form for each engine.

### ***This form must be accompanied by a completed Authority to Construct/Permit to Operate Application form***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Permit to be issued to (facility name): | | | | | | | | | | | | | | | | Installation date: | | | | |
| Location(s) where the engine will be operated: | | | | | | | | | | | | | | | | | | | | |
| Have you applied for funding for this engine through the District?  Yes  No If “Yes”, Project ID# C - \_ \_ \_ \_ \_ | | | | | | | | | | | | | | | | | | | | |
| Is this engine replacing another engine?  Yes  No If “Yes,” include permit # of the replaced engine: \_\_-\_\_\_\_\_\_\_-\_\_ | | | | | | | | | | | | | | | | | | | | |
| Is this engine a rental unit?  Yes  No | | | | | | | | | | | | | | | | | | | | |
| EngineDetails | Engine Manufacturer: | | | | | | | | | | | | Engine Model: | | | | | | | |
| Engine Serial Number: | | | | | | | | | | | | Engine Certification Level: Tier \_\_\_\_\_\_ | | | | | | | |
| EPA Certification Family Number: | |  |  | | |  | |  |  | |  | |  | **.** |  |  |  |  |  |  |  |  |  |  |  |  | **.** |  |  |  |  |
| Please provide a copy of the CARB Executive Order/EPA Certification with the certified emissions data. | | | | | | | | | | | | | | | | | | | |
| Maximum brake horsepower rating of the IC engine (per the engine data plate):       bhp | | | | | | | | | | | | | | | | | | | |
| ***Maximum*** Operating Schedule: \_\_\_\_\_\_\_\_\_\_\_\_hours per year | | | | | | | | | | Monitoring:  Hour Meter  Fuel Meter | | | | | | | | | |
| Fuel Type:  Diesel  Other (please specify): | | | | | | | | | | | | | | | | | | | |
| ProcessData | Process the Engine Serves:  Well Pump  Booster Pump  Other (please specify): | | | | | | | | | | | | | | | | | | | |
| Engine Category (check one box): **Stationary –** operates at a fixed or permanent location; **Transportable** **–**  is moved to operate at another location or “footprint” at least once each season  **Pull-behind** **–**  powering equipment like a spray rig, harvester, brush shredder, etc. that is operated while being towed behind a tractor. | | | | | | | | | | | | | | | | | | | |
| *For stationary irrigation pump engines only*, please provide all of the following information:  The distance from the engine to the nearest electric power line:       ft  The distance from the engine to the nearest natural gas distribution line:       ft  Your facility’s diesel fuel cost:       $/gallon  Your facility’s electricity rate, if available:       $/kW-hr  Your facility’s natural gas cost, if available:       $/1,000 scf | | | | | | | | | | | | | | | | | | | |
| **Receptor Data** | Distance to nearest Residence :      yards | | | | | Measured from the proposed stack location to the nearest residential property boundary.\* | | | | | | | | | | | | | | |
| Direction to nearest Residence: | | | | | From the stack to the nearest residence (e.g. Northeast, etc.) | | | | | | | | | | | | | | |
| Distance to nearest Business:      yards | | | | | Measured from the proposed stack location to the nearest business property boundary.\* | | | | | | | | | | | | | | |
| Direction to nearest Business: | | | | | From the stack to the nearest business (e.g. South, etc.) | | | | | | | | | | | | | | |
| \*If the engine is transportable, the distance is from the residential (or business) property boundary to the nearest location the engine may be operated at your facility. | | | | | | | | | | | | | | | | | | | |
| Stack Data | Stack Diameter:       inches (at exit) | | | | | | | Stack Height:       feet (measured from the ground) | | | | | | | | | | | | |
| Rain Cap:  Flapper-type  Fixed-type  None  Other: | | | | | | | | | | | | | | | | | | | |
| Direction of Exhaust: | Vertically Upward  Horizontal  Other: \_\_\_\_\_\_\_\_\_° from vertical or \_\_\_\_\_\_\_\_\_ ° from horizontal | | | | | | | | | | | | | | | | | | |
| Flowrate:       acfm | | | | Exhaust Temperature: \_\_\_\_\_\_\_\_\_°F | | | | | | | | | | | | | | | |