#### **PEER Application: Agricultural Spark-Ignited Lean-Burn**

#### **Internal Combustion Engines**

***NOTE:*** *Please complete one form for each engine subject to PEER. Accompany this form or set of forms with one completed General PEER Application form.*

|  |  |  |  |
| --- | --- | --- | --- |
| PEER TO BE ISSUED TO (FACILITY NAME): | | | |
| LOCATION WHERE THE ENGINE WILL BE OPERATED: | | | |
| WELL # OR OTHER EQUIPMENT # (IF APPLICABLE): | | | |
| HAVE YOU APPLIED FOR FUNDING THROUGH THE DISTRICT FOR THIS REPLACEMENT ENGINE?  YES  NO  IF YES, PLEASE COMPLETE THE FOLLOWING FIELDS WHERE POSSIBLE: | | | |
|  | DISTRICT FUNDING PROJECT NUMBER: |  |  |
|  | SERIAL NUMBER OF NEW ENGINE: |  |  |
|  | SERIAL NUMBER OF REPLACED ENGINE (IF KNOWN): |  |  |
|  | ***IF YOU HAVE PROVIDED THE DISTRICT FUNDING PROJECT NUMBER AND SERIAL NUMBER(S), THIS FORM IS COMPLETE AND MAY BE SUBMITTED.*** | |  |

**ENGINE INFORMATION**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ENGINE DETAILS | ENGINE MANUFACTURER: | |  | | | | | | | |
| ENGINE MODEL: |  | | | | ENGINE SERIAL #: | |  | | |
| ENGINE TYPE:  LEAN BURN (EXHAUST O2 CONTENT OF 4% BY VOLUME OR GREATER)  RICH TO LEAN BURN CONVERSION (EXHAUST O2 CONTENT OF 4% BY VOLUME OR GREATER;  WHICH WAS ACHIEVED THROUGH AIR/FUEL CONTROLLER SYSTEM. **ATTACH DETAILS** | | | | | | | | | |
| ENGINE MANUFACTURER’S ***MAXIMUM*** RATED POWER OUTPUT (PER THE DATA PLATE): | | | | | | | |  | BHP |
| ***MAXIMUM*** ENGINE OPERATING SCHEDULE: | | | |  | | HOURS PER YEAR | | | |
| FUEL TYPE:  NATURAL GAS  GASOLINE  LPG/PROPANE  OTHER | | | | | | | | | |
| DOES THE NEW ENGINE MEET ALL OF THE FOLLOWING EMISSIONS REQUIREMENTS?  150 PPMV-NOX (OR 70% REDUCTION DUE TO RETROFITTING), 2000 PPMV-CO, AND 750 PPMV-VOC,  (ALL CORRECTED TO 15% O2 ON A DRY BASIS)  YES  NO | | | | | | | | | |
| **EMISSION DATA** | MANUFACTURER’S SPECIFICATIONS  EMISSIONS SOURCE TEST  CARB/EPA CERTIFICATION | | | | | | | | | |
| OTHER: | | | **NOTE: PLEASE PROVIDE DOCUMENTATION OF ALL SOURCES OF EMISSIONS DATA.** | | | | | | |
| **PROCESS DATA** | PROCESS THE ENGINE SERVES:  WELL PUMP  BOOSTER PUMP  ELECTRIC GENERATOR  OTHER (PLEASE SPECIFY): | | | | | | | | | |
| IS THE ENGINE:  STATIONARY  TRANSPORTABLE (MOVED TO OPERATE AT ANOTHER LOCATION OR “FOOTPRINT”  AT LEAST ONCE DURING EACH OPERATING SEASON) | | | | | | | | | |