#### **PEER Application: Agricultural Spark-Ignited Rich-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.*

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| --- | --- | --- | --- |
| 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 NUMBER: | | | | | | | |
|  | 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: | | | | | | | |
|  | IS THE ENGINE EQUIPPED WITH A 3-WAY CATALYST AND AN AIR/FUEL CONTROLLER?  YES  NO | | | | | | | |
|  | IF YES, MANUFACTURER: |  | | MODEL: | |  | | |
|  | DOES THE ENGINE MEET ALL OF THE FOLLOWING EMISSIONS REQUIREMENTS?  90 PPMV-NOX (OR 80% REDUCTION DUE TO RETROFITTING), 2000 PPMV-CO, AND 250 PPMV-VOC,  (ALL CORRECTED TO 15% O2 ON A DRY BASIS)  YES  NO | | | | | | | |
| **EMISSION DATA** | MANUFACTURER’S SPECIFICATIONS  EMISSIONS SOURCE TEST  CARB/EPA CERTIFICATION | | | | | | | |
|  | SJVAPCD CERTIFICATION  OTHER (SPECIFY): | |  | | | | |  |
|  | **NOTE: PLEASE PROVIDE DOCUMENTATION OF ALL SOURCES OF EMISSIONS DATA** | | | | | | | |
| **PROCESS DATA** | PROCESS THE ENGINE SERVES:  WELL PUMP  BOOSTER PUMP  ELECTRIC GENERATOR  OTHER (SPECIFY): | | | | | | | |
|  | IS THE ENGINE:  STATIONARY  TRANSPORTABLE (MOVED TO OPERATE AT ANOTHER LOCATION OR “FOOTPRINT”  AT LEAST ONCE DURING EACH OPERATING SEASON) | | | | | | | |
| **MONITORING** | **FOR ENGINES WITH NOX EXHAUST CONTROLS THAT ARE NOT DISTRICT CERTIFIED (CHECK ONLY ONE):**  MONTHLY MONITORING OF CATALYST INLET/OUT TEMPERATURES AND O2 EXHAUST CONCENTRATIONS AS ESTABLISHED DURING INITIAL SOURCE TESTING  MONTHLY MONITORING OF NOX AND O2 EXHAUST CONCENTRATIONS (PORTABLE ANALYZER)  OTHER - MONTHLY MONITORING OF SURROGATES (APPROVED ON A CASE BY CASE BASIS), ATTACH DETAILS | | | | | | | |