

EMISSION
YEAR

20 _ _

HARP / CEIDARS

RECIPROCATING INTERNAL COMBUSTION ENGINE
INSTRUCTIONS

FORM

RICE

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1. Complete the entire worksheet titled "FORM RICE SIDE I" on the back of this page.
2. Your company and facility numbers can be found on your MDAQMD Permits. If your company has more than one facility, you will need to complete separate forms for each facility. If your facility has more than five engines, you will need to complete additional forms.
3. Section 'A' - Most of this information is found on your MDAQMD Permit. Please verify that it is correct and, if changes to your Permit are needed, please check the box in the center of the section.
4. Section 'B' - Provide your current contact information for both your Company and the Facility.
5. Section 'C' - Use a different column for each permitted and un-permitted Stationary and Portable Reciprocating Internal Combustion Engine (RICE) rated at 25 BHp or more, regardless of what type of fuel the engine uses. Include all **non-mobile** engines whether permanent or temporary, stationary or portable:
 - If an engine is capable of propelling (moving under its own power) a vehicle or other piece of equipment, it is considered to be a Mobile source and does NOT need to be listed.
 - If an engine is permanently mounted or held fast to the ground by guywires, straps, etc. and does not move, it is considered to be a Stationary source and must be listed.
 - If an engine can be transported from one location to another via truck, trailer, skids, etc., (but NOT by its own power) and has in fact been properly moved from a previous location to its present location within the past 365 days, it is considered a Portable source and must be listed.
 - (1) District Permit Numbers start with either "B", "M", or "E", followed by a six-digit number, such as E001234 or B009876. PERP engines are a six-digit number. If the engine is not permitted, enter "Unpermitted". If the Permit Number is unknown or cannot be determined, enter "Unknown".
 - (2) The date (or year) your engine was manufactured. This can normally be found on the engine data plate affixed to the engine.
 - (3) Who manufactures the engine, such as Caterpillar, Detroit Diesel, Cummins, Isuzu, etc. Please verify this from the engine or the data plate located on the engine, not just from the Permit.
 - (4) What is the model name / number of the engine? Again, please verify this from the engine/data plate and not just the Permit.
 - (5) The engine's Brake Horsepower, or BHp, is also usually found on the engine data plate. If the engine has been de-rated by the manufacturer, please provide a copy of the de-rating certificate along with this form.
 - (6) The engine's EPA Certification Family number can usually be found on either the engine data plate or on a separate tag affixed to the engine. It is often a twelve digit designator such as 4SZXL04.3GTG or VCP7.2RZDARC, etc. Engines manufactured prior to 1996 will not have these.
 - (7) Indicate the typical load placed on the engine during normal operations, in percent of maximum BHp (for example, 50%, 85%, etc.)
 - (8) Indicate what type of equipment the RICE powers, such as a Prime Generator, an Emergency Generator, a Water Pump, an Air Compressor, a Crusher, etc.
 - (9) Indicate the total hours the engine operated during previous calendar year. This information should be in your operating log.
 - (10) Indicate the hours engine ran for maintenance and testing only.
 - (11) Indicate the primary fuel burned in the engine: Natural gas, Propane, LPG, LNG, Diesel fuel, Biodiesel, Gasoline, Digester Gas, etc.
 - (12) Indicate the engine's total ANNUAL fuel usage: List Gaseous fuels in 1,000,000 cubic feet (mmcf) and Liquid fuels in 1,000 gallons (mgal) per year.
 - (13) List all emission controls such as Ignition Retard, Inter/After-cooling, Turbocharging, DPF, Catalytic Converter, etc.
 - (14) If the engine uses Diesel fuel, including Biodiesel, indicate whether it is a two- or four-stroke design and whether it is using rich burn or lean burn technology: Use 2SRB for 2 Stroke with Rich Burn, 2SLB for 2 stroke with Lean Burn, 4SLB for 4 stroke with Lean Burn or 4SRB for 4 stroke with Rich Burn. If the engine does NOT use Diesel fuel, enter "n/a".
 - (15) List the distance, in feet, from the engine to its nearest property line and to its nearest receptor beyond the property line. If the distance is more than one mile, indicate "More than 1 Mile".
6. Section 'H' - Complete "Certification" information.
7. For assistance, contact Chris Anderson of the MDAQMD at (760) 245-1661 ext. 1846 or canderson@mdaqmd.ca.gov or contact Guy Smith at ext 1854 or gsmith@mdaqmd.ca.gov.
8. Mail the completed form no later than to:

Mojave Desert AQMD
Emission Inventory Group
14306 Park Avenue
Victorville, CA 92392-2310

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HARP / CEIDARS
RECIPROCATING INTERNAL COMBUSTION ENGINE
COMPANY NO. [] [] [] [] FACILITY NO. [] [] [] [] [] []

FORM
RICE
SIDE I

A.

<input type="checkbox"/>	NAME OF COMPANY	<input type="checkbox"/>	NAME OF FACILITY
	MAILING ADDRESS		LOCATION / PHYSICAL ADDRESS
	CITY ST. ZIP CODE		CITY ST. ZIP CODE
	WEB SITE ADDRESS		WEB SITE ADDRESS

UPDATED INFO

B.

NAME OF COMPANY CONTACT	NAME OF FACILITY CONTACT
TITLE ()	TITLE ()
TELEPHONE NUMBER ()	TELEPHONE NUMBER ()
FAX NUMBER	FAX NUMBER
EMAIL ADDRESS	EMAIL ADDRESS

C.

	Engine #1	Engine #2	Engine #3	Engine #4	Engine #5
District Permit No. (1)					
Date / Year of Manufacture (2)					
Manufacturer (3)					
Manufacturer's Model Number (4)					
Brake Horsepower Rating (5)					
EPA Family Number (6)					
Typical Load (7)					
Current Use (8)					
Actual Hours For Last Year (9)					
Maintenance and Testing Hours For Last Year (10)					
Primary fuel burned in Engine (11)					
Total Annual Fuel Usage (12)					
Installed Emission Controls (13)					
Diesel Design & Technology (14)					
Distance to Nearest; (15)					
Fenceline or Property Line Residence					
Business or Off-Site Workplace					
School (K-12, Public or Private)					
Health Facility					

D. CERTIFICATION
(Please print or type)

I, _____, a responsible official of _____,
(Name of Official) (Name of Company / Facility)

hereby certify, based upon information and belief formed after reasonable inquiry, that the above information is true, accurate and complete. Executed this _____ day of _____, _____
(Day) (Month) (Year)

at _____
(County and State)

(Signature) (Name and Title)