

RECIPROCATING INTERNAL COMBUSTION ENGINES  
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET

Facility Identification Number - If known (seven digit number)

0990617  
0990617-003

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

N/A

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

South Florida Water Management District

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

Pump Station S-3

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: 47000 State Road 80

City: Lake Harbor

County: Palm Beach

Zip Code: 33459

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility.)

N/A

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OCT 31 2012

DIVISION OF AIR  
RESOURCE MANAGEMENT

**Facility Contact**

<u>Name and Position Title</u> (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: <u>Daniel Kelley, Professional Supervisor</u>		
<u>Facility Contact Telephone Numbers</u> Telephone: <u>863/983-1431, ext. 3230</u> Fax: <u>863/983-1434</u> Cell phone: <u>863/228-2034</u> E-mail: <u>dkelley@sfwmd.gov</u>		
<u>Facility Contact Mailing Address</u> Organization/Firm: <u>South Florida Water Management District</u> Mailing Address: <u>2425 Hookers Point Road</u> City: <u>Clewiston</u> County: <u>Henry</u> Zip Code: <u>33440</u>		

**Correspondence Contact/Representative (to serve as additional Department contact)**

<u>Name and Position Title</u> Print Name and Title: <u>Jeffrey Smith, Lead Environmental Scientist</u>		
<u>Correspondence Contact/Representative Telephone Numbers</u> Telephone: <u>561/682-2516</u> Fax: <u>561/681-6232</u> Cell phone: <u>561/248-2451</u> E-mail: <u>jesmith@sfwmd.gov</u>		
<u>Correspondence Contact/Representative Mailing Address</u> Organization/Firm: <u>South Florida Water Management District</u> Mailing Address: <u>3301 Gun Club Road</u> City: <u>West Palm Beach</u> County: <u>Palm Beach</u> Zip Code: <u>33406</u>		

**Government Facility Code (check only one)**

<input type="checkbox"/> Facility not owned or operated by a federal, state, or local government.
<input type="checkbox"/> Facility owned or operated by the federal government.
<input type="checkbox"/> Facility owned or operated by the state.
<input type="checkbox"/> Facility owned or operated by the county.
<input type="checkbox"/> Facility owned or operated by the municipality.
<input checked="" type="checkbox"/> Facility owned or operated by a water management district.

**COMPRESSION IGNITION INTERNAL COMBUSTION ENGINES SUBJECT TO 40 CFR PART 60 SUBPART IIII:**

Stationary compression ignition internal combustion engines manufactured after April 1, 2006 and are not fire pump engines, or engines that are modified or reconstructed after July 11, 2005, may be subject to 40 CFR Part 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.

MANUFACTURER	SERIAL NUMBER/MODEL NUMBER	EMERGENCY ENGINE*	MANUFACTURER CERTIFICATION	DISPLACEMENT (liters per cylinder)
Fairbanks-Morse	968552 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17
Fairbanks-Morse	968515 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17
Fairbanks-Morse	968474 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17
Cummins	46156580 / 6CTA8.3-G2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	8.3
Cummins	46156591 / 6CTA8.3-G2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	8.3
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	

\*Emergency engine as defined at 40 C.F.R. Part 60, Subpart IIII

**SPARK IGNITION INTERNAL COMBUSTION ENGINES SUBJECT TO 40 CFR PART 60 SUBPART JJJJ:**

Stationary spark ignition internal combustion engines, greater than or equal to 500 horsepower and manufactured on or after July 1, 2007, less than 500 horsepower and manufactured after July 1, 2008, or engines that begin modification or reconstruction after June 12, 2006 may be subject to 40 CFR Part 60 Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

MANUFACTURER	SERIAL NUMBER/MODEL NUMBER	EMERGENCY ENGINE**	MANUFACTURER CERTIFICATION	RATED CAPACITY (horsepower)
N/A		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	

\*\*Emergency engine as defined at 40 C.F.R. Part 60, Subpart JJJJ

**COMPRESSION IGNITION INTERNAL COMBUSTION ENGINES SUBJECT TO 40 CFR PART 63  
SUBPART ZZZZ:**

Existing stationary compression ignition internal combustion engines may be subject to 40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines.

MANUFACTURER	SERIAL NUMBER/MODEL NUMBER	EMERGENCY ENGINE***	LIMITED USE†	DISPLACEMENT (liters/cylinder)	RATED CAPACITY (horsepower)
Fairbanks-Morse	968552 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17	960
Fairbanks-Morse	968515 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17	960
Fairbanks-Morse	968474 / 38D 1/8	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17	960
Cummins	46156580 / 6CTA8.3-G2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8.3	252
Cummins	46156591 / 6CTA8.3-G2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8.3	252
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		

\*\*\* Emergency engine as defined at 40 C.F.R. Part 63, Subpart ZZZZ

† Limited use stationary engine as defined at 40 C.F.R. Part 63, Subpart ZZZZ

**SPARK IGNITION INTERNAL COMBUSTION ENGINES SUBJECT TO 40 CFR PART 63 SUBPART ZZZZ:**

Existing stationary spark ignition internal combustion engines may be subject to 40 CFR Part 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines.

MANUFACTURER	SERIAL NUMBER/MODEL NUMBER	EMERGENCY ENGINE***	LIMITED USE†	ENGINE TYPE†† (2SLB, 4SLB, or 4SRB)	RATED CAPACITY (horsepower)
N/A		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		
		<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO		

\*\*\* Emergency engine as defined at 40 C.F.R. Part 63, Subpart ZZZZ

† Limited use stationary engine as defined at 40 C.F.R. Part 63, Subpart ZZZZ

†† Two stroke lean burn (2SLB) or four stroke lean burn (4SLB) or four stroke rich burn (4SRB)

**Fuel Consumption**

If this is an **initial registration** for reciprocating internal combustion engine operations, provide an estimate of the total amount of fuel expected to be consumed over a 12-month period. \*

N/A

If this is a **re-registration** for reciprocating internal combustion engine operations, provide the highest 12-month total fuel consumption amount, in appropriate units, for the last five years. Indicate the 12-month period over which this fuel consumption occurred.

5,362 gallons of diesel fuel from August 2008 thru July 2009.

**\*Note:** the general permit limits fuel consumption by all reciprocating internal combustion engines at the facility to 20,000 gallons per year of gasoline, 250,000 gallons per year of diesel fuel, 1.15 million gallons per year of propane, 40 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used

**Helpful Definitions**

**“Department” or “DEP”** - The State of Florida Department of Environmental Protection.

**“Emissions Unit”** - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

**“Facility”** - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

**“Owner” or “Operator”** - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

**ADM 38-40**

October 26, 2012

Florida Dept. of Environmental Protection - Receipts  
P.O. Box 3070  
Tallahassee, FL 32315-3070

**Subject: Air General Permit Registration Form  
South Florida Water Management District  
ARMS: 0990617-002-AG**

Enclosed please find Reciprocating Internal Combustion Engines Worksheet and \$100 fee for the South Florida Water Management District's Pump Station S-3. This form is being submitted to renew the existing Air General Permit for the facility which expires on January 19, 2013.

Please contact me at 561/682-2516 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey A. Smith".

Jeffrey A. Smith  
Lead Environmental Scientist  
Infrastructure Systems  
Operations & Maintenance Resource Area

c: District O/M file (w/ enclosure)

# RECIPROCATING INTERNAL COMBUSTION ENGINES

## Air General Permit Example Registration Worksheet

The Department of Environmental Protection (“Department” or “DEP”) has established an “air general permit” at Florida Administrative Code (“F.A.C.”) Rule 62-210.310(4)(b) for reciprocating internal combustion engines. An air general permit is an authorization by rule to construct or operate a specific type of air pollutant emitting facility. Use of such authorization by any individual facility does not require action by the Department. The terms and conditions of the air general permit are set forth in the rule, rather than in a separately issued air construction or air operation permit.

If you are the owner or operator of an eligible facility comprising one or more reciprocating internal combustion engines, you may register to use the air general permit at Rule 62-210.310(4)(b), F.A.C., by following the general procedures given at subsections 62-210.310(2) and 62-210.310 (3), F.A.C. To register, use the Department’s electronic registration system (currently under development) or submit all the information specified in the above rules to either of the following addresses, along with the air general permit registration processing fee (\$100.00), payable to FDEP.

### **Regular USPS Mail Delivery**

Department of Environmental Protection  
Receipts  
Post Office Box 3070  
Tallahassee, Florida 32315-3070

or

### **Overnight Delivery (FedEx, UPS, DHL, etc.)**

Department of Environmental Protection  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, Florida 32399

If you properly register to use an air general permit, and are not denied use of the air general permit by the Department, you are authorized to construct and operate the facility in accordance with the general terms and conditions of Rule 62-210.310, F.A.C., and the specific terms and conditions of Rule 62-210.310(4)(b), F.A.C. Your facility may vary, so be sure your registration describes the operations at your facility in sufficient detail to demonstrate the facility’s eligibility for use of the air general permit and to provide a basis for tracking any future equipment or process changes. Your registration should describe all air pollutant-emitting processes and equipment at the facility, and it should identify any air pollution control measures or equipment used.

The rules do not require any specific format for the registration. This worksheet, however, has been designed to assist owners and operators. Using it as a template for a general permit registration will help ensure that all necessary information is submitted.

Additional information can be found on the Department’s air general permit program website ([http://www.floridadep.org/air/emission/air\\_gp.htm](http://www.floridadep.org/air/emission/air_gp.htm)) or by calling the Small Business Environmental Assistance Program Hotline at 1-800-SBAP-HLP (1-800-722-7457).



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**South Florida  
Water Management District**

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P.O. Box 24682  
3301 Gun Club Road  
West Palm Beach, FL 33416-4682

FLORIDA DEPT OF ENVIRON PROTECTION  
PO BOX 3070  
TALLAHASSEE FL 32315-3070

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OCT 31 2012

DEPARTMENT OF ENVIRONMENTAL  
RESOURCE MANAGEMENT