

RECIPROCATING INTERNAL COMBUSTION ENGINES INFORMATIONAL HANDOUT



❖ What is the Purpose of the Air General Permit Registration Program?

- The Department of Environmental Protection (DEP) has established an Air General Permit (AGP) under Rule 62-210.310(4)(b), Florida Administrative Code, (F.A.C.), for Reciprocating Internal Combustion Engines. By simply registering to “use” the AGP, the owner or operator of an eligible facility is allowed to construct and operate the facility under the terms and conditions of the AGP rule. There is no need for the owner or operator to incur the additional time and expense of applying for an individual air construction or air operation permit.

❖ Who is Eligible to use a Reciprocating Internal Combustion Engine AGP?

- Eligible facilities may be comprised of one or more reciprocating internal combustion engines.
- Eligible facilities will limit total fuel consumption by all reciprocating internal combustion engines at the facility to 428,000 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.
 - a) If multiple fuels are used, the equivalent prorated amount of each fuel burned shall not exceed the total amount of fuel allowed to be burned, multiplied by a fuel percentage.
 - b) The fuel percentage is the percentage ratio of the amount of the fuel burned at the facility to the total amount of fuel allowed to be burned. The sum of the fuel percentages for all fuels burned by the facility shall not exceed 100 percent.
- Eligible facilities must not emit more than ten tons per year of any listed hazardous air pollutant (HAP), twenty-five tons per year of any combination of HAPs, or 100 tons per year or more of any other regulated air pollutant.
- Eligible facilities must not operate any other emission units that would require an air permit.

- Existing facilities with an AO permit may renew that permit or apply for the AG permit at least thirty (30) days prior to the expiration date of the existing permit.

❖ **How Do I Register or Re-register for a Reciprocating Internal Combustion Engine AGP?**

- To register, the owner/operator of an existing or new reciprocating internal combustion engine may:
 - Use the Department's online Air General Permit Electronic Registration System (AGPERS) found at <https://floridadep.gov/air/permitting-compliance/content/air-general-permits>; or
 - Download and complete the reciprocating internal combustion engine registration worksheet found <https://floridadep.gov/air/permitting-compliance/content/reciprocating-internal-combustion-engines> and mail it to the Department at the address indicated in the worksheet instructions along with a \$100 registration processing fee.
- The registration and associated processing fee must be submitted to the Department at least thirty (30) days prior to the expiration date of an existing facility's authorization.
- For a new facility, the registration must be submitted at least thirty (30) days before intending to use the AGP rule authority.
- If certain changes occur at an existing reciprocating internal combustion engine facility, the owner/operator must re-register for use of the AGP. Re-registration of the AGP is required for the following changes:
 - Change of ownership
 - The new owner/operator must submit a registration along with a fee of \$100.00, at least thirty (30) days before intending to use the AGP rule authority.
 - The current owner operator is encouraged to notify the Department prior to the sale of the facility.
 - Physical change in location
 - Proposed new construction

- Modifications to equipment (installation of new process or air pollution equipment; alteration of existing process or control equipment; or replacement of existing process or control equipment with equipment substantially different in terms of capacity, method of operation, material processed, or intended use than that noted in the most recent registration form)

❖ **What is required by the Reciprocating Internal Combustion Engine AGP**

Rule?

General Requirements

- This AG permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit.
- The facility must not emit objectionable odors.
- Use of the AG permit does not eliminate the necessity for the owner/operator or authorized representative to obtain any other federal, state, or local permits that may be required, or relieve the owner/operator or authorized representative from the duty to comply with any federal, state or local requirements that may apply.

Record-keeping

- The owner/operator or authorized representative of the facility shall maintain records to document the fuel consumption, by type, on an annual basis.
- The owner/operator or authorized representative shall retain these records, available for Department inspection, for a period of at least five years.

Equipment Maintenance

- All Reciprocating Internal Combustion Engines shall be maintained in proper working order in accordance with the manufacturer's specifications to ensure the integrity and efficiency of the equipment.
- If a reciprocating internal combustion engine contains a defect that affects the integrity or efficiency of the unit, the unit shall be taken out of service. The unit shall not be operated until it has been repaired or adjusted.
- A written plan containing operating procedures for startup, shutdown and malfunction shall be maintained and followed during those events.

❖ **Who do I contact regarding questions about AGPs and/or registration procedures?**

- Please contact the Department's Small Business Environmental Assistance Program by phone at 1-800-722-7457 or by email at Small.Business@dep.state.fl.us.

DISCLAIMER: This handout is for guidance purposes only. It is not official rule language and does not include a comprehensive listing of all environmental regulations that may be applicable to Reciprocating Internal Combustion Engines. Please refer to Rule 62-210.310(4)(b) for complete and up-to-date rule language.