

NONMETALLIC MINERAL PROCESSING PLANTS 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(5)(e), Florida Administrative Code, (F.A.C.), for Nonmetallic Mineral Processing Plants. 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 Nonmetallic Mineral Processing Plants AGP?

- This AGP is for a stationary or relocatable facility comprising one (1) or more nonmetallic mineral processing plants.
- This AGP applies to each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, and enclosed truck or railcar loading station in fixed or portable nonmetallic mineral processing plants.
- The facility must meet the general conditions for all air general permits and the specific conditions for Nonmetallic Mineral Processing Plants in Rule 62-210.310 F.A.C.

How Do I Register or Re-register for a Nonmetallic Mineral Processing Plants AGP?

- To register, you may use the Department’s online Air General Permit Electronic Registration Submittal system, <https://www.fldepportal.com/DepPortal/go/apply-operate-airfacility>, or complete a fillable registration worksheet and mail it to the Department at the address indicated in the worksheet instructions along with the \$100.00 processing fee payable to FDEP. The registration worksheet and additional information is available online, <https://floridadep.gov/air/permitting-compliance/content/nonmetallic-mineral-processing-plants-crushers>.

- To avoid lapse of authority to operate, an owner or operator intending to use, or continue to use, an air general permit must submit the proper registration and processing fee at least thirty (30) days prior to expiration of the facility's existing air operation permit or air general permit.
- The owner or operator of an existing facility with an air general permit must re-register to use the air general permit in the following cases: impending expiration of the term for air general permit use; change of ownership of all or part of the facility; proposed new construction, modification, or other equipment change that requires registration and any other change not considered an administrative correction.
- Use of an air general permit is not transferable and does not follow a change in ownership of the facility.
 - Prior to any sale, other change of ownership, or permanent shutdown of the facility, the owner or operator is encouraged to notify the Department of the pending action.
 - The new owner or operator who intends to continue using the air general permit for the facility must re-register.
- Equipment changes. In the case of installation of new equipment, alteration of existing equipment without replacement, or replacement of existing equipment with equipment that is substantially different in terms of capacity, control efficiency, method of operation, material processed, or intended use than that noted on the most recent registration, the owner or operator must submit a new and complete air general permit registration with the appropriate fee to the Department at least 30 days prior to the change.

What is required by the Nonmetallic Mineral Processing Plants AGP Rule?

General Conditions

- The facility as a whole must not emit nor have the potential to emit ten (10) tons per year or more of any hazardous air pollutant, twenty-five (25) tons per year or more of any combination of hazardous air pollutants, or one hundred (100) tons per year or more of any other regulated air pollutant.
- The facility shall not emit objectionable odors.
- The use of an air general permit is limited to five (5) years. Prior to the end of the five (5) year term, the owner or operator who intends to continue using the air general permit shall re-register.
- The air general permit is valid only for the specific type of facility and associated emissions units and pollutant-emitting activities indicated.

- Use of the air general permit does not eliminate the necessity for the owner or operator to obtain any other federal, state or local permits that may be required, or relieve the owner or operator from the duty to comply with any federal, state or local requirements that may apply.

Specific Conditions

- The total fuel consumption by the facility shall not exceed 428,000 gallons per year of gasoline, 275,000 gallons per year of diesel fuel, 1.3 million gallons per year of propane, 44 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used.
- If multiple fuels are used, the equivalent prorated amount of each fuel burned shall not exceed the total amount of such fuel allowed to be burned multiplied by a fuel percentage. The fuel percentage is the percentage ratio of the amount of the fuel burned at the facility to the total amount of such fuel allowed to be burned at the facility. The sum of the fuel percentages for all fuels burned by the facility shall not exceed 100 percent.
- The following reasonable precautions shall be employed to control unconfined emissions of particulate matter.
 - Unconfined emissions from all relocatable nonmetallic mineral processing plants, except those located at mines or quarries and processing only material from onsite natural deposits, and all stationary nonmetallic mineral processing plants that process dry material shall be controlled by using a water suppression system with spray bars located wherever unconfined emissions occur at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points.
 - Unconfined emissions generated by vehicular traffic or wind shall be controlled by applying water (by water trucks equipped with spray bars) or effective dust suppressant(s) on a regular basis to all stockpiles, roadways and work yards where the nonmetallic mineral processing plant is located.

Test Methods and Procedures

- The test method for visible emissions shall be EPA Method 9.
- Visible emissions from any crusher, grinding mill, screening operation, bucket elevator, transfer point on belt conveyors, bagging operation, storage bin, enclosed truck or railcar loading station, or any other affected emission point at a nonmetallic mineral processing plant not subject to 40 CFR Part 60, Subpart OOO, shall be less than twenty percent (20%) opacity.

- Nonmetallic mineral processing plants subject to 40 CFR Part 60, Subpart OOO, shall comply with all applicable standards, limitations, and requirements of Subpart OOO. Such facilities shall conduct initial performance tests for particulate matter and visible emissions in accordance with all requirements of Subpart OOO and 40 CFR Part 60, Subpart A. Thereafter, such facilities shall conduct performance tests for visible emissions annually. All annual visible emissions performance tests shall be noticed and reported to the Department in accordance with the requirements of rule 62-297.310, F.A.C.
- Facilities in Broward, Duval County/City of Jacksonville, Hillsborough, Miami-Dade, Orange, Palm Beach, Pinellas, and Sarasota counties may have additional requirements and frequency of testing for performance tests. The owner or operator located in those counties is responsible for contacting the local program to comply with local requirements.

Relocatable Facilities

- Under the authority of this air general permit, a relocatable nonmetallic mineral processing plant may perform a non-routine task, such as crushing concrete for a demolition project, at a facility with authorization by individual air construction or air operation permit, without revision to the facility's individual air permit. The owner or operator of such nonmetallic mineral processing plant shall keep records to indicate how long the plant has been at the permitted facility. No nonmetallic mineral processing plant using this air general permit shall perform a task routinely done at the individually permitted facility, such as crushing recycled asphalt pavement (rap) at an asphalt plant, unless operation of the nonmetallic mineral processing plant is authorized by the air construction or air operation permit, as applicable, for the permitted facility.
- At least one (1) business day prior to relocation, the owner or operator of any relocatable nonmetallic mineral processing plant proposing to change location shall submit to the Department a Facility Relocation Notification Form (DEP Form No. 62-210.900(6), adopted and incorporated by reference herein (<http://www.flrules.org/Gateway/reference.asp?No=Ref-09535>)).

Collocating

A facility using this air general permit may collocate with other facilities that separately registered for, and are also using, the nonmetallic mineral processing plant air general permit, with facilities using the asphalt concrete plant and concrete batching plant air general permits even if under the control of different persons, provided the following conditions are met.

- The collocation site shall not contain any emissions units and pollutant-emitting activities other than concrete batching plants using air general permits, nonmetallic mineral processing plants using air general permits, and nonmetallic mineral processing plants or other emissions units and pollutant-emitting activities exempted from permitting.
- The same total fuel usage limitations apply to the collocation site, unless the collocation site includes an asphalt concrete plant using an air general permit, in which case the fuel usage limitation of Rule 62-210.310(4)(g)4.c., F.A.C., shall apply.

Record-keeping

- The owners or operators of all collocated concrete batching, asphalt concrete, and nonmetallic mineral processing plants shall maintain records to account for site-wide fuel consumption for each calendar month and each consecutive twelve (12) months. The owners or operators shall retain these records, available for Department inspection, for a period of at least five (5) years.

Equipment Maintenance

The owner or operator must maintain and operate the authorized facility consistent with manufacturer recommendations and good air pollution control practices necessary to achieve compliance. Throughout the term of air general permit use, the owner or operator must ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit.

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.
- Facilities in **Broward, Duval County/City of Jacksonville, Hillsborough, Miami-Dade, Orange, Palm Beach, Pinellas, and Sarasota** counties may have additional requirements. Contact those local programs directly for their specific rules, <https://floridadep.gov/air/air-director/content/local-program-air-contacts>.

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 Nonmetallic Mineral Processing Plants. Please refer to Rule 62-210.310(5)(e), F.A.C., for complete and up-to-date rule language.