

# CONCRETE BATCHING 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)(b), Florida Administrative Code, (F.A.C.), for Concrete Batching 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 Concrete Batching Plant AGP?

- This AGP is for facilities processing cement and other materials for the purposes of producing concrete, and for equipment used to mix cement and soil for onsite soil augmentation or stabilization.
- The facility must meet the general conditions for all air general permits and the specific conditions for Concrete Batching Plants in Rule 62-210.310 F.A.C.
- Existing facilities with an Air Operation permit may renew that permit or apply for the AGP at least thirty days prior to the expiration date of the existing permit.

## How Do I Register or Re-register for a Concrete Batching Plants AGP?

- To register, you may use the Department’s online Air General Permit Electronic Registration Submittal system, <https://www.fldeportal.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/concrete-batching-plants>.

- 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 Concrete Batching Plant 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 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

- Stack Emissions. Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity.
- Unconfined Emissions. The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards as required by paragraph 62-296.320(4)(c), F.A.C. For concrete batching plants the following shall constitute reasonable precautions:
  - Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
    - Paving and maintenance of roads, parking areas, and yards.
    - Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
    - Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
    - Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.
  - Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.

### Relocation

- At least one (1) business day prior to relocation, the owner or operator of any relocatable concrete batching plant or equipment used to mix cement and soil for onsite soil augmentation or stabilization 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>).

- Under the authority of this air general permit, a relocatable concrete batching plant may perform a non-routine task, such as making concrete for a construction 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 concrete batching plant shall keep records to indicate how long the plant has been at the permitted facility.

## Collocation

- A facility using this air general permit may collocate with other facilities that separately registered for, and are also using the concrete batching plants, nonmetallic mineral processing plants and asphalt concrete plants air general permits even if under the control of different persons, provided the following conditions are met.
- The collocation site does not contain any emissions units and pollutant-emitting activities other than concrete batching plants using air general permits, nonmetallic mineral processing and asphalt concrete plants using air general permits, and nonmetallic mineral processing plants or other emissions units and pollutant-emitting activities exempted from permitting.
- The total fuel consumption by all emissions units authorized by the air general permit at the collocation site shall not exceed 275,000 gallons of diesel fuel, 428,000 gallons per year of gasoline, 44 million standard cubic feet per year of natural gas, or 1.3 million gallons per year of propane, or an equivalent prorated amount if multiple fuels are used. If the collocation site includes an asphalt concrete plant using an air general permit, the fuel usage limitation of Rule 62-210.310(4)(g)4.c., F.A.C., shall apply.
- 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 one hundred percent (100%).

## Test Methods and Procedures

- The reference test method for visible emissions shall be EPA Method 9.
- Test procedures shall conform to the procedures specified in Rule 62-297.310, F.A.C. All test results shall be reported to the Department in accordance with the provisions of Rule 62-297.310, F.A.C.

- Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.
- If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing.
- The owner or operator of any concrete batching plant using an air general permit shall have a visible emissions test conducted for stack emissions referenced in subsection 62-296.414(1), F.A.C., no later than sixty (60) days after commencing initial operation, and annually thereafter.
- *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.*

### Record-keeping

The owners or operators of all collocated concrete batching plants, asphalt concrete plants, 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](mailto: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 Concrete Batching Plant. Please refer to Rule 62-210.310(5)(b), F.A.C., for complete and up-to-date rule language.*