

# **CAST POLYMER OPERATIONS** **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)(e), Florida Administrative Code, (F.A.C.), for Cast Polymer Operations. 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 Cast Polymer Operations AGP?**

- To be eligible for the general permit, the combined quantity of styrene-containing resin and gel coat used shall not exceed 284,000 pounds (142 tons) in any consecutive twelve-month period.
- 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 AG permit.
- Existing facilities with an AO permit may renew that permit or apply for the AG permit at least thirty days prior to the expiration date of the existing permit.

## **❖ How Do I Register or Re-register for Cast Polymer Operations AGP?**

- To register, the owner/operator of an existing or new cast polymer operation 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 cast polymer operations registration worksheet found at <https://floridadep.gov/air/permitting-compliance/content/cast-polymer-operations> 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 cast polymer 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 Cast Polymer Operations 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 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 facility must maintain records to document the quantity resin and gelcoat used on a monthly basis. E.g. purchase receipts, monthly styrene and gel coat consumption logs.
- The records must demonstrate that the facility has not used more than 284,000 pounds (142 tons) of combined styrene and gel coat in any consecutive twelve-month period.
- It is important to note that the twelve-month period is a “rolling average” taken over any twelve consecutive months. For example, a facility operating in July, 2007, would determine styrene and gel coat used over the period from August 2006-July 2007. In August 2007, that same facility would have a twelve-month rolling average totaled from September 2006- August 2007.
- The owner/operator or authorized representative shall retain these records, available for Department inspection, for a period of at least 5 years.

**☑ Equipment Maintenance**

- All Cast Polymer units 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 cast polymer unit 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](mailto: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 Cast Polymer Operations. Please refer to Rule 62-210.310(4)(e) for complete and up-to-date rule language.**