



Department of Environmental Protection

Division of Air Resource Management

SECONDARY ALUMINUM SWEAT FURNACE AIR GENERAL PERMIT REGISTRATION FORM

General Information

The Florida Department of Environmental Protection has established a Title V air general permit at Rule 62-213.300(1)(f), F.A.C., for secondary aluminum sweat furnaces that are subject to the federal emission limiting standards and other requirements of 40 CFR Part 63, Subpart RRR, and that choose to comply with such requirements by installing and operating an afterburner device in accordance with the provisions of 40 CFR 63.1505(f)(1). A facility with one or more secondary aluminum sweat furnaces may use this Title V air general permit provided the facility meets the eligibility criteria set forth in the rule and, throughout the term of the general permit, maintains its eligibility to use the general permit and complies with all terms and conditions of the general permit.

Any facility wishing to use the Title V air general permit for secondary aluminum sweat furnaces must register its intent to use such general permit by completing and submitting this form to the Department of Environmental Protection. The form must be signed and certified by the “responsible official” of the facility. As defined at Rule 62-210.200, F.A.C., the responsible official is any one of the following:

- (a) For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C.;
- (b) For a partnership or sole proprietorship, a general partner or the proprietor, respectively; or
- (c) For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official.

Questions regarding this Title V air general permit, including registration procedures and information on the specific terms and conditions of its use, should be directed to:

General Permits Section
Bureau of Air Monitoring and Mobile Sources, MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Telephone: (850) 717-9000 or the Small Business Assistance Program at 1-800-722-7457

Conditions and general procedures for use of the Title V air general permit for secondary aluminum sweat furnaces are found at Rules 62-213.300(1)(f) and 62-213.300(2)-(4), F.A.C. To assist persons registering for use of this air general permit, an abbreviated summary of these conditions and procedures follows.

Disclaimer: The Title V air general permit for secondary aluminum sweat furnaces is a “permit-by-rule.” Therefore, please refer to Rules 62-213.300(1)(f) and 62-213.300(2)-(4), F.A.C., for complete and up-to-date rule language. The summary that follows is not official rule language.

Abbreviated Summary of Conditions and General Procedures

(1) Eligibility Determination. The responsible official of the facility containing the secondary aluminum sweat furnace(s) shall determine the facility's eligibility for the Title V air general permit and notify the Department of intent to use the general permit.

- (a) A facility with one or more secondary aluminum sweat furnaces is eligible to operate under the terms and conditions of the Title V air general permit established at Rule 62-213.300(1)(f), F.A.C., provided the responsible official has submitted a completed Secondary Aluminum Sweat Furnace Air General Permit Registration Form to the Department at least 30 days prior to beginning operations under the general permit and, throughout the term of the general permit, all of the following conditions are met:
 1. The facility operates no emissions units other than the secondary aluminum sweat furnace(s) and emissions units which are considered insignificant pursuant to the criteria of Rule 62-213.300(2)(a)1. F.A.C. (set forth in paragraph (1)(b) of this summary).
 2. The facility is classified as a Title V source pursuant to paragraph (f), only, of the definition of "major source of air pollution" at Rule 62-210.200, F.A.C.; that is, the facility is a Title V source by virtue of being subject to 40 CFR Part 63, Subpart RRR; adopted and incorporated by reference at Rule 62-204.800, F.A.C., but does not emit any pollutant in a major amount as set forth in paragraphs (a) through (e) of the definition of "major source of air pollution"; and
 3. The facility is not subject to any requirement of 40 CFR Parts 61 or 63, other than 40 CFR Part 63, Subparts A and RRR, adopted and incorporated by reference at Rule 62-204.800, F.A.C.
 4. The facility complies with all general conditions of Rule 62-213.300(3), F.A.C., and all requirements of 40 CFR Part 63, Subparts A and RRR, as applicable, except that:
 - a. In lieu of conducting a performance test to demonstrate compliance with the emission standard of 40 CFR 63.1505(f)(2), the owner or operator shall comply with the residence time and operating temperature requirements of 40 CFR 63.1505(f)(1); and
 - b. In lieu of submitting a written operation, maintenance, and monitoring plan to the Department, the owner or operator shall prepare and implement a plan that meets the criteria of 40 CFR 63.1510(b), operate the sweat furnace(s) in compliance with the operation, maintenance and monitoring plan at all times, and maintain the plan on-site and available for inspection by the Department.
- (b) No facility which contains an emissions unit, other than a secondary aluminum sweat furnace or a unit considered insignificant pursuant to this paragraph, shall be eligible to use the air general permit. No facility is eligible to use more than one air general permit. An emissions unit or activity shall be considered insignificant if all of the following criteria are met:
 1. The emissions unit or activity would be subject to no unit-specific applicable requirement.
 2. The emissions unit or activity would neither emit nor have the potential to emit:
 - a. 500 pounds per year or more of lead and lead compounds expressed as lead;
 - b. 1,000 pounds per year or more of any hazardous air pollutants;
 - c. 2,500 pounds per year or more of total hazardous air pollutants; or
 - d. 5.0 tons per year or more each of any other regulated pollutants.
 3. The emissions unit or activity, in combination with other units and activities at the facility, would neither cause the facility to emit nor have the potential to emit:

- a. 100 tons per year or more of carbon monoxide, nitrogen oxides, particulate matter, sulfur dioxide, or volatile organic compounds;
 - b. 5 tons per year or more of lead and lead compounds expressed as lead;
 - c. 10 tons per year or more of any hazardous air pollutant;
 - d. 25 tons per year or more of total hazardous air pollutants; or
 - e. 100 tons per year or more of any other regulated pollutant.
- (c) Any facility that would use a Title V air general permit under Rule 62-213.300, F.A.C., must surrender all existing air permits other than the air general permit indicated in this registration form.
- (d) If a facility at any time becomes ineligible for the use of the Title V air general permit and is subject to the source-specific Title V air operation permit requirements of Chapter 62-213, F.A.C., it shall be subject to enforcement action for operating without an air operation permit.
- (e) Notwithstanding the shield provisions of Rule 62-213.460, F.A.C., any facility utilizing a Title V air general permit will be subject to enforcement action for operation without a permit under Chapter 62-213, F.A.C., if it is determined to be initially ineligible for the air general permit which is being utilized.
- (2) **Registration.** For each facility intending to operate under the provisions of a Title V air general permit, the responsible official must submit the correct registration form for the specific general permit to be utilized to give notice to the Department of intent to use such permit.

Note: To register for use of the Title V air general permit for secondary aluminum sweat furnaces, complete pages 5-7 of this form, retain a copy for your files, and submit the completed form, signed and certified by the responsible official, to:

**General Permits Section
Bureau of Air Monitoring and Mobile Sources, MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400**

- (3) **Administrative Corrections.** Within 30 days of any changes requiring corrections to information contained in this notification form, the responsible official shall notify the Department in writing. Such changes shall include:
- (a) Any change in name of the responsible official or facility address or phone number;
 - (b) A change in facility status requiring more frequent monitoring or reporting by the responsible official from that noted on the most recent notification form; and
 - (c) Any other similar minor administrative change at the facility.
- (4) **Violation of Permit.** The Title V air general permit for secondary aluminum sweat furnaces is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity is a violation of the permit. The responsible official is placed on notice that violation of the permit constitutes grounds for revocation and suspension pursuant to Rules 62-4.100 and 62-4.530(4), F.A.C., and initiation of enforcement action pursuant to s. 403.141 through 403.161, F.S. No revocation shall become effective except after notice is served by personal service, certified mail, or newspaper notice pursuant to Section 120.60(5), F.S., upon the person or persons named therein and a hearing held, if requested within the time specified in the notice. The notice shall specify the provision of the law or rule alleged to be violated, or the permit condition or Department order alleged to be violated, and the facts alleged to constitute a violation thereof.

- (5) Nullification of Eligibility.** Eligibility for use of a Title V air general permit is automatically nullified by:
- (a) Submission of false or inaccurate information in the registration form for use of the Title V air general permit or in the required reports;
 - (b) Refusal of lawful inspection by Department staff;
 - (c) Failure to submit operational reports or other information required by the general permit; or
 - (d) Failure to timely pay the required annual emissions fee, penalty, or interest.
- (6) Use of Permit.** Any facility eligible to operate under the terms of a Title V air general permit may use the permit 30 days after giving notice to the Department without any agency action.

SECONDARY ALUMINUM SWEAT FURNACE AIR GENERAL PERMIT REGISTRATION FORM

Registration Type

Check one:

- NEW:** Initial registration for general permit for proposed *new* secondary aluminum sweat furnace(s).
- EXISTING:** Initial registration for general permit for *existing* secondary aluminum sweat furnace(s).
- RE-REGISTRATION:** Re-registration for general permit for secondary aluminum sweat furnace(s) upon expiration of current general permit.

Facility Registration

Facility Owner/Company Name (Name of corporation, agency, or individual owner):

Site Name (For example, plant name or number):

Facility Location...

Street Address or Other Locator:

City:

County:

Zip Code:

Facility Identification Number (DEP use only; do not fill in):

Responsible Official

Responsible Official Name:

Responsible Official Qualification (Check one or more of the following options, as applicable):

[] For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C.

[] For a partnership or sole proprietorship, a general partner or the proprietor, respectively.

[] For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official.

Responsible Official Mailing Address...

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Responsible Official Telephone Numbers...

Business: () -

Fax: () -

Mobile: () -

Responsible Official Email Address (optional):

Facility Description and Comments

Number of secondary aluminum sweat furnace units on site: _____

Is each secondary aluminum sweat furnace equipped with an afterburner that has a design residence time of at least 0.8 seconds and a design operating temperature of at least 1600 degrees Fahrenheit, and is the manufacturer's documentation of these design specifications maintained on-site? Y N (circle one)

If 'No,' explain _____

Does each secondary aluminum sweat furnace have an afterburner temperature monitoring device and temperature data recorder? Y N (circle one)

If 'No,' explain _____

Does each secondary aluminum sweat furnace have a written operation, maintenance, and monitoring (OM&M) plan, and is this plan maintained on-site? Y N (circle one)

If 'No,' explain _____

Does each secondary aluminum sweat furnace have a written startup, shutdown and malfunction plan, and is this plan maintained on-site? Y N (circle one)

If 'No,' explain _____

List and briefly describe all other process operations at the site that may emit air pollutants (for example, scrap shredders, degreasers, paint shops, boilers, emergency generators, etc.). Add any comments about the facility that would be helpful to the Department in understanding the nature of your operation (for example, describe the products made, amount of materials used, air pollution control equipment employed, and hours of operation).

Facility Contact (If different from Responsible Official)

Facility Contact Name:			
Facility Contact Address...			
Street Address:			
City:	County:	Zip Code:	
Facility Contact Telephone Numbers...			
Business:	() -	Fax:	() -
Mobile:	() -		
Facility Contact Email Address (optional):			

Surrender of Existing DEP Air Permit(s)

Rule 62-213.300(2)(a)2., F.A.C., makes the surrender of all existing DEP air permits, other than the air general permit, a condition precedent for the entitlement to a general permit. Indicate with an "X" whether the responsible official surrenders such permit(s), listing the permit number(s), or whether no such permit(s) exist. Complete this portion of the form **ONLY** if this is an initial registration for general permit:

I hereby surrender all existing DEP air permits (other than the air general permit for which this registration form is submitted). The permit number(s) are:
_____.

No DEP air permits currently exist for the operation of the facility indicated in this registration form.

Responsible Official Certification

I, the undersigned, am the responsible official of the facility addressed in this registration form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this registration form are true, accurate and complete, and that the facility addressed in this registration form is entitled to use the Title V air general permit for secondary aluminum sweat furnaces. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this registration form so as to comply with all terms and conditions of the Title V air general permit for secondary aluminum sweat furnaces as set forth at Rule 62-213.300(1)(f), F.A.C.

I will promptly notify the Department of any changes to the information contained in this registration form.

Print name of responsible official

Signature

Date