

**SECONDARY ALUMINUM SWEAT FURNACE
AIR GENERAL PERMIT REGISTRATION FORM**

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MAY 03 2006
Bureau of Air Wqtrturn
& Mobile Sources

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):

BMIS Corporation

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

BMIS Corporation

Facility Location...

Street Address or Other Locator: **3901 NW 146 Street**

City: **Miami**

County: **Miami Dade**

Zip Code: **33054**

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

0251221-001

Responsible Official

Responsible Official Name:

Stephen O'Neal

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: **BMIS Corporation**

Street Address: **3901 NW 146 Street**

City: **Miami**

County: **Miami Dade**

Zip Code: **33054**

Responsible Official Telephone Numbers...

Business: **(305)769-4677**

Fax: **(305)769-4680**

Mobile: **(305)871-1982**

Responsible Official Email Address (optional):

JSO@BMISC.COM

Facility Description and Comments

Number of secondary aluminum sweat furnace units on site: 1

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).

The furnace will be trailer mounted and self contained with its own 10 kw generator. The generator operates on Jet A waste fuel. The waste fuel is stored in a 500 gallon double walled tank. The furnace will be operated Monday through Thursday 7AM-5:30PM. The maximum input is 3000 pounds per hour and the primary feed material is aircraft aluminum. The normal operating temperature of the afterburner is 1650°F with a 3 second residence time through the afterburner.

Another emergency generator operating on propane is onsite for the office. The facility has two parts washers that contain 10 and 15 gallons of mineral spirits. Approximately 220 gallons of mineral spirits are used in a year.

Facility Contact (If different from Responsible Official)

Facility Contact Name: <i>Same as responsible official</i>			
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.

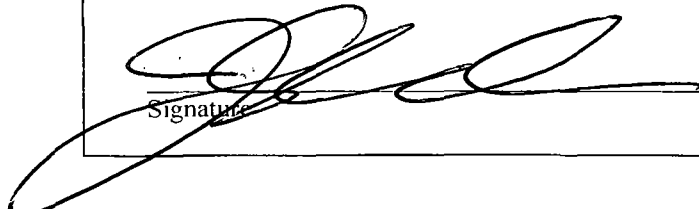
Responsible Official Certification

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.

Stephen O'Neal

Print name of responsible official


Signature

5-1-06
Date