



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

September 4, 2003

Mr. Randall L. Mayne
W. C. Alloys
1950 Aurora Drive
Navarre, Florida 32566

Re: Facility No.: 7775062-004

Dear Mr. Mayne:

The Department has received the Title V General Permit Registration Form for the secondary aluminum sweat furnace facility that you submitted on August 6, 2003.

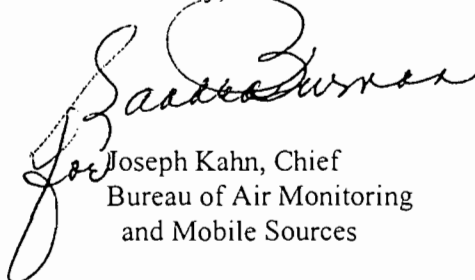
Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number, please notify the Department at the following address:

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

If there are any changes in the facility status, including change of operating parameters or equipment, or if you have any additional questions regarding the Title V General Permit Program, please contact the district or local air program compliance inspector in your area.

Sincerely,



Joseph Kahn, Chief
Bureau of Air Monitoring
and Mobile Sources

JK/jw

cc: Mr. Charles Norman, Northwest District

"More Protection, Less Process"

Printed on recycled paper.

RECEIVED

SECONDARY ALUMINUM SWEAT FURNACE
AIR GENERAL PERMIT REGISTRATION FORM

AUG 6 2003

Bureau of Air Monitoring
& 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):

RANDALL L MAYNE d.b.a W.C. Alloys

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

W.C. Alloys

Facility Location...

Street Address or Other Locator:

6124 Gulf Breeze Pkwy.

City: Gulf Breeze

County: SANTA ROSA

Zip Code: 32563

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

MM75062-004

Responsible Official

Responsible Official Name:

RANDALL L. MAYNE

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: W.C. Alloys

Street Address: 1950 AURORA DR.

City: NAVARRE

County: SANTA ROSA

Zip Code: 32566

Responsible Official Telephone Numbers...

Business: (850) 439-0779

Fax: (850) 439-6972

Mobile: (850) 554-1742

Responsible Official Email Address (optional):

wcalloy@aol.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 THERE ARE 2 (two) ^{DIRECT FIRED} AFTER BURNERS, 2 (two) THERMOSTATS CONTROLLING TEMPERATURE, IN PROCESS OF PROCURING DESIGN SPECS FROM PRESIDENT OF MANUFACTURER.

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

If 'No,' explain IN PROCESS OF PROCURING FUNDING FOR PURCHASE AND INSTALLATION OF THESE DEVICES (SEE BELOW).

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).

W.C. Alloys is a small to moderate manufacturer of remelt aluminum specifically grades 1-H, 380, 319 and 332. This material is strictly formulated from specific alloys collected throughout the southeastern United States. The buyers this material is sold to are all located within the southeast U.S.

WE USE ONLY AUTOMOTIVE AND MARINE MATERIALS IN OUR ALLOY. ON AVERAGE, THE PAST THREE YEARS HAVE PROCESSED SLIGHTLY OVER 200 TONS ANNUALLY.

OUR PAST FURNACE WAS EQUIPPED WITH 1 AFTERBURNER. OUR REPLACEMENT/UPGRADE FURNACE, PURCHASED w/ NEW DEP REGULATIONS IN MIND, UTILIZES 2 AFTER BURNERS, AS WELL AS TEMPERATURE CONTROLS. WE ARE CURRENTLY IN THE APPLICATION PROCESS WITH THE FLORIDA RECYCLING LOAN PROGRAM (CONTACT PERSON, KAREN MOORE) TO PROCURE FUNDING FOR OUR UPGRADES INCLUDING MONITORING DEVICES.

BASED UPON OUR ORIGINAL PERMIT # 7775062-002-A0, WE ARE NOT A MAJOR SOURCE OF HAPS. ALSO BASED UPON THIS PERMIT, WE ARE LIMITED TO 800 HOURS PER YEAR OF FURNACE OPERATIONS (ACTUAL RECLAMATION) AS WELL AS ADDITIONAL PERIODS REQUIRED TO PREHEAT THE FURNACE.

Facility Contact (If different from Responsible Official)

Facility Contact Name:		
Facility Contact Address...		
Street Address:	County:	Zip Code:
City:		
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:
7775062-002-A0
- 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.

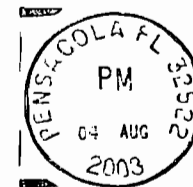
I will promptly notify the Department of any changes to the information contained in this registration form.

RANDALL L. MAYNE
Print name of responsible official

Randall L. Mayne
Signature

Aug 4, 2003
Date

WCAloys
1950 Aurora Drive
Navarre, FL 32566



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

32399-6342 01



Facility Description and Comments

8/22/03

Number of secondary aluminum sweat furnace units on site: 1 ^{2/22/03} ^{sh}

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 THERE ARE 2 (two) AFTER BURNERS, 2 (two) THERMOSTATS CONTROLLING TEMPERATURE, IN PROCESS OF PROCURING DESIGN SPECS FROM PRESIDENT OF MANUFACTURER.

Does each secondary aluminum sweat furnace have an afterburner temperature monitoring device and temperature data recorder? Y N (circle one) ^{8/16/03} ^{sh} ^{8/22/03}

If 'No,' explain IN PROCESS OF PROCURING FUNDING FOR PURCHASE AND INSTALLATION OF THESE DEVICES (SEE BELOW).

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).

W.C. Alloys is a small to moderate manufacturer of remelt aluminum specifically grades 1-H, 320, 319 and 332. This material is strictly formulated from specific alloys collected throughout the southeastern United States. The buyers this material is sold to are all located within the southeast U.S.

WE USE ONLY AUTOMOTIVE AND MARINE MATERIALS IN OUR ALLOY. ON AVERAGE, THE PAST THREE YEARS HAVE PROCESSED SLIGHTLY OVER 200 TONS ANNUALLY.

OUR PAST FURNACE WAS EQUIPPED WITH 1 AFTER BURNER. OUR REPLACEMENT/UPGRADE FURNACE, PURCHASED W/ NEW DEP REGULATIONS IN MIND, UTILIZES 2 AFTER BURNERS, AS WELL AS TEMPERATURE CONTROLS. WE ARE CURRENTLY IN THE APPLICATION PROCESS WITH THE FLORIDA RECYCLING LOAN PROGRAM (CONTACT PERSON, KAREN MOORE) TO PROCURE FUNDING FOR OUR UPGRADES INCLUDING MONITORING DEVICES.

BASED UPON OUR ORIGINAL PERMIT # 7775062-002-A0, WE ARE NOT A MAJOR SOURCE OF HAPs. ALSO BASED UPON THIS PERMIT, WE ARE LIMITED TO 800 HOURS PER YEAR OF FURNACE OPERATIONS (ACTUAL RECLAMATION) AS WELL AS ADDITIONAL PERIODS REQUIRED TO PRE HEAT THE FURNACE.

RECEIVED

AUG 25 2003

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:
7775062-002-A0
- 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.

RANDALL L. MAYNE
Print name of responsible official

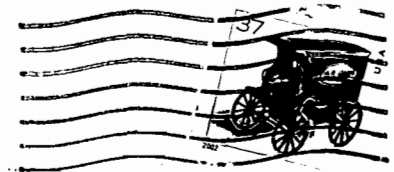
~~Randall L. Mayne~~
Signature

~~Aug 22, 2003~~
Date

Randall L. Mayne
RAM

Aug 22, 2003
RAM

WCAloys
1950 Aurora Drive
Navarre, FL 32566



General Permit Section
Bureau of Air Monitoring
Mobile Sources
MS5510
Department of Environmental Protection
2600 Blairstone Road
Tallahassee, Florida 32399

32399-6342 01



RECEIVED

AUG 4 2003

Bureau of Air Monitoring
& Mobile Sources

**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):

RANDALL L. MAYNE d.b.a W.C. Alloys

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

W.C. Alloys

Facility Location...

Street Address or Other Locator:

City: GULF BREEZE

6024 GULF BREEZE PKWY.

County: SANTA ROSA

Zip Code: 32563

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

7775062-004

Responsible Official

Responsible Official Name:

RANDALL L. MAYNE

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:

W.C. Alloys

Street Address:

1450 AURORA DR.

City: NAVARRE

County: SANTA ROSA

Zip Code: 32566

Responsible Official Telephone Numbers...

Business:

(850) 439-0779

Fax: (850) 439-6972

Mobile:

(850) 554-1742

Responsible Official Email Address (optional):

wcalloy@aol.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 THERE ARE 2 (two) ^{direct FIRED} afterburners, 2 (two) thermostats controlling temperature, IN PROCESS OF PROCURING DESIGN SPECS from President of MANUFACTURER.

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

If 'No,' explain IN PROCESS OF PROCURING FUNDING for purchase and installation of these devices (SEE BELOW).

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).

W.C. Alloys is a small to moderate manufacturer of remelt aluminum specifically grades 1-H, 380, 319 and 332. This material is strictly formulated from specific alloys collected throughout the southeastern United States. The buyers this material is sold to are all located within the southeast U.S.

WE USE ONLY AUTOMOTIVE AND MARINE MATERIALS IN OUR ALLOY. ON AVERAGE, THE PAST THREE YEARS HAVE PROCESSED SLIGHTLY OVER 200 TONS ANNUALLY.

OUR PAST FURNACE WAS EQUIPPED WITH 1 AFTERBURNER. OUR REPLACEMENT/UPGRADE FURNACE, PURCHASED w/ new DEP REGULATIONS IN MIND, UTILIZES 2 AFTER BURNERS, AS WELL AS TEMPERATURE CONTROLS. WE ARE CURRENTLY IN THE APPLICATION PROCESS WITH THE FLORIDA RECYCLING LOAN PROGRAM (CONTACT PERSON, KAREN MOORE) TO procure funding for our upgrades including monitoring devices.

BASED UPON OUR ORIGINAL PERMIT # 7775062-002-A0, WE ARE NOT A MAJOR SOURCE OF HAPS. ALSO BASED UPON THIS PERMIT, WE ARE LIMITED TO 800 HOURS PER YEAR OF FURNACE OPERATIONS (actual reclamation) AS WELL AS ADDITIONAL PERIODS REQUIRED TO PREHEAT THE FURNACE.

Facility Contact (If different from Responsible Official)

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

Surrender of Existing DEP Air Permit(s)

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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:
7775062-002-AC

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.

RANDALL L. MAYNE
 Print name of responsible official

Randall L. Mayne
 Signature

Aug 4, 2003
 Date

BEST AVAILABLE COPY

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? N (circle one)

If 'No,' explain _____

Does each secondary aluminum sweat furnace have an afterburner temperature monitoring device and temperature data recorder? 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? 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? 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).

W.C. Alloy is a small to moderate manufacturer of remelt aluminum, specifically grades 1-1-1, 380, 319 and 332. This material is strictly formulated from specific scrap collected throughout the southeastern United States. The buyers this product is sold to are all located within the southeast.

WCA uses only automotive and marine materials in our alloys. The past three years WCA has produced over 200 tons annually.

Our last furnace was equipped with one afterburner. Our replacement/upgrade furnace, purchased with new DEP regulations in mind, utilizes 2 direct-fire afterburners, as well as temperature controls. We are currently in the process of application with the Florida Recycling Loan Program (contact person Karen Moore) to procure funding for reimbursement of our upgrades.

Based upon our original permit # TT75062-005-A0, WCA is not a major source of HAPs. Also based upon this permit, we are limited to 800 hours per year of furnace operations, as well as additional periods required to preheat the furnace.

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Facility Description and Comments

Number of secondary aluminum sweat furnace units on site: 1 8/6/03

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 THERE ARE 2 (two) DIRECT FIRED AFTER BURNERS, 2 (two) THERMOSTATS CONTROLLING TEMPERATURE, IN PROCESS OF PROCURING DESIGN SPECS FROM PRESIDENT OF MANUFACTURER.

Does each secondary aluminum sweat furnace have an afterburner temperature monitoring device and temperature data recorder? Y N (circle one) 8/6/03

If 'No,' explain IN PROCESS OF PROCURING FUNDING FOR PURCHASE AND INSTALLATION OF THESE DEVICES (SEE BELOW).

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).

W.C. Alloys is a small to moderate manufacturer of remelt aluminum specifically grades 1-H, 380, 319 and 332. This material is strictly formulated from specific alloys collected throughout the southeastern United States. The buyers this material is sold to are all located within the southeast U.S.

WE USE ONLY AUTOMOTIVE AND MARINE MATERIALS IN OUR ALLOY. ON AVERAGE, THE PAST THREE YEARS HAVE PROCESSED SLIGHTLY OVER 200 TONS ANNUALLY.

OUR PAST FURNACE WAS EQUIPPED WITH 1 AFTERBURNER. OUR REPLACEMENT/UPGRADE FURNACE, PURCHASED W/ NEW DEP REGULATIONS IN MIND, UTILIZES 2 AFTER BURNERS, AS WELL AS TEMPERATURE CONTROLS. WE ARE CURRENTLY IN THE APPLICATION PROCESS WITH THE FLORIDA RECYCLING LOAN PROGRAM (CONTACT PERSON, KAREN MOORE) TO PROCURE FUNDING FOR OUR UPGRADES INCLUDING MONITORING DEVICES.

BASED UPON OUR ORIGINAL PERMIT # 7775062-002-A0, WE ARE NOT A MAJOR SOURCE OF HAPS. ALSO BASED UPON THIS PERMIT, WE ARE LIMITED TO 800 HOURS PER YEAR OF FURNACE OPERATIONS (ACTUAL RECLAMATION) AS WELL AS ADDITIONAL PERIODS REQUIRED TO PREHEAT THE FURNACE.

Facility Contact (If different from Responsible Official)

Facility Contact Name:		
Facility Contact Address...		
Street Address:	County:	Zip Code:
City:		
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:
7775062-002-AD
- 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.

RANDALL L. MAYNE
Print name of responsible official

Randall L. Mayne
Signature

Aug 5, 2003
Date

DRAFT

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
INSPECTION REPORT FORM
AIR POLLUTANT EMISSION SOURCES

FACILITY: W. C. Alloys	DISTRICT: Northwest	COUNTY: Santa Rosa
ADDRESS: 6124 Gulf Breeze Pkwy; Gulf Breeze, FL	PHONE: (850) 939 - 0779	CONTACT: Mrs. S Renee' Mayne
ARMS #: 7775062-003-AO	PERMIT #: 7775062-003-AO	EXPIRES: 10/18/04
RENEWAL APPLICATION/NOTIFICATION DUE DATE: xxx		
SOURCE DESCRIPTION: Secondary Aluminum Sweat Furnace		
INSPECTION DATE: 07/07/03	AUDIT TYPE: II	COMPLIANCE STATUS: Compliant due to shut-down

INSPECTION COMMENTS:

On July 7, 2003, I observed the annual VE test and performed a no notice inspection at the W. C. Alloys facility referred to above. I met with Randy and Renee' Mayne and reviewed the record-keeping.

I observed two 1000 gallon propane tanks on-site that fuel the secondary aluminum sweat furnace. The sweat furnace was in operation when I arrived and I did not observe any visible emissions from it. Barbara Sviglin was performing the VE test. When completed, she indicated that her opacity readings were all zeroes. I took photographs of the sweat furnace in operation. See attached. The flow of propane to the primary chamber and the 'afterburner' are simply controlled by two manual gate valves. There is no equipment in place to measure the temperature in the afterburner. When the aluminum is completely melted, the liquid is drained into a mold to form an ingot that weighs 700 to 800 lbs. I observed a stack of ingots nearby; probably between 10 and 20 of them.

RECORDS REVIEW:

For 2002, the facility processed 419,998 lbs of recycled aluminum and used 14,591 gallons of propane.

I discussed the new EPA regulations (40CFR63, Subpart RRR) regarding secondary aluminum sweat furnaces with Mr. and Mrs. Mayne, and they are very knowledgeable about these rules that have just come into effect. They explained to me that they have recently purchased a pre-owned secondary aluminum sweat furnace which is a United AS4000, originally built in 1980. This is intended to replace the existing unit and is expected to meet the new requirements of 40CFR63 Subpart RRR; but they indicated that it did not (yet) have a temperature data logger. It is not yet located on the facility.

FOLLOW-UP COMMENTS:

Based on the construction permit application (7775062-001-AC), the stack of the existing secondary aluminum sweat furnace "doubles as a secondary combustion chamber" and has a volume of 13.5" x 13.5" x 34" which is 3.586 cubic feet (cf). It also indicates that it has an air flow rate of 400 scfm or 1,962 acfm at 1800 °F. This indicates a residence time in the combustion chamber of $((3.586 / 1,962) \times 60 \text{ sec/min} =) \mathbf{0.11 \text{ seconds at } 1800 \text{ °F}}$. I estimate that 400 scfm is equivalent to approximately 1,561 acfm at 1600 °F. Thus, the residence time at this temperature is $((3.586 / 1,561) \times 60 \text{ sec/min} =) \mathbf{0.14 \text{ seconds at } 1600 \text{ °F}}$. The residence time does not meet the new requirements of the EPA in Subpart RRR.

On 07/29/03 and on 07/30/03, Mrs. Mayne and I spoke on the telephone. She stated that the old aluminum sweat furnace is no longer being used and has been disconnected from the gas line. She also indicated that she is working with the Florida Recycling Loan Program (Karen Moore) in order to obtain funds for the chart recorder for the 'new' United AS4000 unit which she intends to replace the existing one. Also, local

DRAFT

Page 2 of 2
W. C. Alloys

DEP staff had communication with Bruce Thomas, DEP Tallahassee, who will be involved with the review of the *Secondary Aluminum Sweat Furnace Air General Permit* notice which W.C. Alloys is anticipated to submit in the near future.

RECOMMENDATIONS:

1. As indicated above, the existing aluminum sweat furnace has been made inoperable. This unit should not be operated in the future because it does not meet the new requirements of 40CFR63 Subpart RRR. (See Permit Condition 10 under General Conditions.) The Department now considers the current operating permit for the aluminum sweat furnace, Permit Numbers 7775062-002-AO and 7775062-003-AO, to be inactive.
2. Prior to operation of the new United AS4000 aluminum sweat furnace, the facility should obtain a new permit using the *Secondary Aluminum Sweat Furnace Air General Permit*. For additional information regarding the permitting of the new unit, facility staff can contact Bruce Thomas at 850 921-7744.

INSPECTED BY: Blair Burleson	SIGNATURE	DATE:
---------------------------------	-----------	-------

DRAFT

Name
Title
Company
Address
Address

Dear :

A Department representative recently inspected your facility. A copy of the inspection report is enclosed. This letter applies only to activities covered by the Air Resources Management Program. It indicates compliance due to shut-down of the secondary aluminum sweat furnace. Please refer to the RECOMMENDATIONS section of the attached report.

As you are aware, new federal rules (under 40 CFR 63, Subpart RRR) have been developed that apply to secondary aluminum sweat furnaces. These rules are now effective for new and existing sources, and the State has developed a new *Secondary Aluminum Sweat Furnace Air General Permit* for facilities such as yours in order to facilitate implementation of the new federal rules.

It appears that the existing secondary aluminum sweat furnace at your facility, the Aluminum King Model AK 5500, does not comply with the standards of 40 CFR 63, Subpart RRR, and that you have inactivated that unit. Additionally, you apparently have plans to purchase another secondary aluminum sweat furnace, United Model AS4000, in order to replace the existing unit at your facility.

In accordance with General Permit Condition 10 of your permit and Rule 62-4.160(10), the Department requires you to obtain a *Secondary Aluminum Sweat Furnace Air General Permit* or other appropriate authorization from the Department prior to any further operation of a secondary aluminum sweat furnace at your facility.

If you have any questions or comments, you may contact Blair Burleson of this office at 850/595-8364, extension 1230. For any questions regarding the permitting of the replacement unit, please contact Bruce Thomas at 850 921-7744.

Sincerely,

Sandra F. Veazey
Air Program Administrator

SFV: __c

Enclosure
cc:

Bowman, Sandy

From: Thomas, Bruce X.
Sent: Thursday, August 11, 2005 11:07 AM
To: Norman, Charles
Cc: Veazey, Sandra; Burleson, Blair; Bowman, Sandy
Subject: RE: Non-payment of 2004 Fees

Charlie,

Thank you for the quick turn around. Bruce

-----Original Message-----

From: Norman, Charles
Sent: Thursday, August 11, 2005 9:57 AM
To: Thomas, Bruce X.
Cc: Veazey, Sandra; Burleson, Blair
Subject: Non-payment of 2004 Fees

7775062	W.C. ALLOYS	NWD	6124 NAVARRE PKWY.
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Mail should be sent to Mr. Randall L. Mayne, W.C. Alloys, 1950 Aurora Drive, Navarre, Florida 32566. Our inspector said there is a problem in receiving mail at the site address. Email: wcalloy@aol.com. Facility contact is Renee Mayne. Telephone: 850-939-0779

0330227	GULF COAST PLATING COMPANY INC	NWD	3810 Liggett Street	PENSACO
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This business closed in 2004. It is inactive in ARMS. For fees owed, you should send the invoice to Charles E. Craft, Craft Plating & Finishing, Inc., 100 Utility Avenue SE, Attalla, Alabama 35954, Telephone: 256-538-7154

If you have questions, call me at 695-8364 ext. 1222.

Charlie

Charles Norman
<< File: Norman, Charles.vcf >>



467516 JAN 24 2007

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BENEFITTING OBJECT CODE 002000
BENEFITTING CATEGORY 000200

AIRS ID# 7775062
W.C. ALLOYS
6124 NAVARRE PKWY.
GULF BREEZE, FL 32561

FOR GOVERNMENT USE ONLY
ORG.: 37550101000 EO: A1
FUND: 20-2-035001
OBJECT: 002273

Printed on recycled paper.

W.C. ALLOYS
1950 AURORA DR.
NAVARRE, FL
32566

PENSACOLA FL 325
22 JAN 2007 PM 2 L

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TALLAHASSEE, FL
32315-3070

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ID# 7775062

Total F RANDALL MAYNE

Sent To W.C. ALLOYS

Street, or PO B 11950 AURORA DRIVE

City, St NAVARRE, FL 32566

PS Form 3800, June 2002 See Reverse for Instructions

7003 2260 0003 5651 1274

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1 Article Addressed to:

ID# 7775062
 RANDALL MAYNE
 W.C. ALLOYS
 1950 AURORA DRIVE
 NAVARRE, FL 32566

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A. Signature Agent
 Addressee

R. P. Mayne

B. Received by (Printed Name) C. Date of Delivery

2/6/04

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

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 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2 Article Number (Transfer from)

SMB 2/6/04

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USPS
Permit No. G-10

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DEPT. OF ENVIRONMENTAL PROTECTION
MAIL STATION 5510
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RECEIVED
FEB 18 2004
Bureau of Air Monitoring
& Mobile Sources

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436247 FEB112004

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TOTAL AMOUNT DUE: \$50.00

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RANDALL MAYNE
W.C. ALLOYS
1950 AURORA DRIVE
NAVARRE, FL 32566

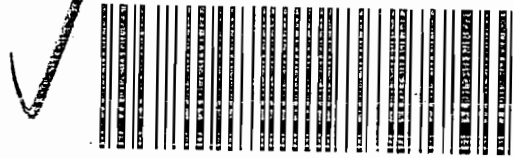
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Orig: 37550101000 CO: A1
Fund: 20-2-035001
Obj.: 002273

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Bureau of Air Mail
& Mails

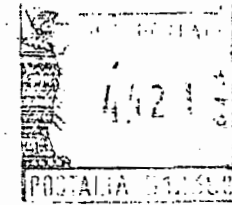
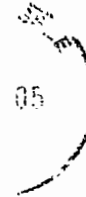
MS# 5510 MC Acct # 5521

Department of Environmental Protection
2600 Blair Stone Rd
Tallahassee FL 32399-2400

CERTIFIED MAIL



7004 2510 0002 3939 5107



~~7775062~~
AIRS ID# 7.77506e+006...2nd Cert 05
WS ALLOYS
6124 NAVARRE PKWY.
GULF BREEZE, FL 32561

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SENDER
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Florida Department of
Natural Resources

MAR 18 2005

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<p>1. Article Addressed to:</p> <p style="text-align: center;">AIRS ID#7.77506e+006.....2nd Cert 05 W.C. ALLOYS 6124 NAVARRE PKWY. GULF BREEZE, FL 32561</p>	<p>B. Received by (Printed Name) C. Date of Delivery</p> <p>_____</p>	
<p>2. Article Number (Transfer from service label)</p>	<p>D. Is delivery address different from Item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>_____</p>	
<p>7004 2510 0002 3939 5107</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
<p>PS Form 3811, February 2004</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p> <p style="text-align: center;">Domestic Return Receipt 102595-02-M-1540</p>	

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W.C. ALLOYS
Street, Apt. No., or PO Box No. 6124 NAVARRE PKWY.
City, State, ZIP+4 GULF BREEZE, FL 32561

PS Form 3800, Ju

7004 2510 0002 3939 5107

PLACE STICKER AT TOP OF ENVELOPE OR FRONT OF MAILING BOX
IF THE RETURN ADDRESS IS FOLDED AT REGISTER HIM
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MS# 5510 MC Acct # 5627

Department of Environmental Protection
2600 Blair Stone Rd
Tallahassee FL 32399-2400



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SENDER
NO SUCH STREET

Bureau of Air Monitoring
& Mobile Sources

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FEB 21 2005

AIRS ID# 7775062 1stC
W.C. ALLOYS
6124 NAVARRE PKWY.
GULF BREEZE, FL 32561

00001/00000

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 W.C. ALLOYS
 6124 NAVARRE PKWY.
 GULF BREEZE, FL 32561

2. Article Number
 (Transfer from service label)

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- A. Signature Agent
 Addressee
 X
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? Yes
 if YES, enter delivery address below: No

3. Service Type
- Certified Mail Express Mail
 - Registered Return Receipt for Merchandise
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1 Receipt

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Total Postage & Fees \$							
<table style="width: 100%;"> <tr> <td style="width: 15%;"><i>Sent To</i></td> <td>AIRS ID# 7775062 1stC</td> </tr> <tr> <td><i>Street, Ap or PO Box</i></td> <td>W.C. ALLOYS</td> </tr> <tr> <td><i>City, State</i></td> <td>6124 NAVARRE PKWY. GULF BREEZE, FL 32561</td> </tr> </table>		<i>Sent To</i>	AIRS ID# 7775062 1stC	<i>Street, Ap or PO Box</i>	W.C. ALLOYS	<i>City, State</i>	6124 NAVARRE PKWY. GULF BREEZE, FL 32561
<i>Sent To</i>	AIRS ID# 7775062 1stC						
<i>Street, Ap or PO Box</i>	W.C. ALLOYS						
<i>City, State</i>	6124 NAVARRE PKWY. GULF BREEZE, FL 32561						
PS Form 3800, Instructions							

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 7004 2510 0002 3939 0133

MS# 5510 MC Acct # 5526

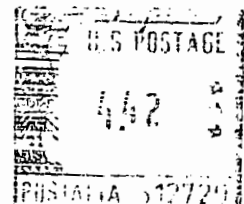
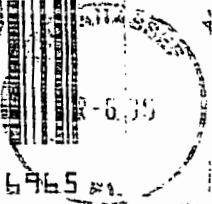
Department of Environmental Protection
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AIRS ID# 775062 3rd Cert04
W.C. ALLOYS
6124 NAVARRE PKWY.
GULF BREEZE, FL 32561



32561/9898

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2. Article Number <i>(Transfer from service label)</i>		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
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