

Department of Environmental Protection

Jeb Bush Governor 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.

SECONDARY ALUMINUM SWEAT FURNACE AIR GENERAL PERMIT REGISTRATION FORM Bureau of Air Monitoring

AUG 6 2003

& 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 MAYNE d.b.A W.C. Alloys
Site Name (For example, plant name or number):
W.C. Alloys
Facility Location GIQH GULF BREEZE PHWY.
Facility Location Street Address or Other Locator: City: GUH BREEZE PHWY. County: SANTA ROSA Zip Code: 32563
Facility Identification Number (DEP use only; do not fill in): MMM5062-004
Responsible Official
Responsible Official Name:
BANDALL 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. Hloy Street Address: 1050 A. 1000 A.
Responsible Official Mailing Address Organization/Firm: W.C.Alloy Street Address: 1950 AURORA DR. City: NAVARRE County: SANIA Zip Code: 325666
Responsible Official Telephone Numbers Business: (850) 434-0779 Fax: (850) 434-6978
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:	
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? YN (circle one)	
If 'No,' explain There are a (+wo) After burners, a (+wo) thermostats	
controlling tempERATURE, IN PROCESS OF PROCURING DESIGN SPECS From You	isideni O
Controlling temperature. In Process of Procuring Design specs from Proceeding temperature from Proceeding temperature data recorder? Y (N) (circle one)	
If 'No,' explain IN PROCESS OF PROWRING FUNDING for PURCHASE	
And installation of these devices (SEE RELOW).	
Does each secondary aluminum sweat furnace have a written operation, maintenance, and monitoring (OM&M) plan, and is this plan maintained on-site? YN (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	
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.Allay3 is A small to moderate manufacturer of remelt Aluminum specifically grades 1-14,380,319 And 332. This material is strictly formulated from specific allays collected throughout the southeastern latted within 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 Dur Past the past three years have processed slightly over 200 Tons Amunquy. Dur Past Furnace was equipped with I afterburner, Dur Replacement Degrade furnace, purchased wo new DEP regulations in mind, utilizes a 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 Based upon our operates including monitaring Devices. Based upon our operates including monitaring Devices.	
ARE NOT A MAJOR SOURCE OF HAPS Also hased your this area!	1
WE ARE limited to 800 hours per year of furnace operations (Actuareclamation) as well as additional periods required to preheat the	.1

Facility Contact Name: Street Address: Street Address: City: County: Zip Code: Facility Contact Telephone Numbers Business: () Mobile: () Facility Contact Email Address (optional): 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: 1 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: 1 hereby complete this portion 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)(6), F.A.C. I will promptly notify the Department of any changes to the information contained in this registration form.	Facility Contact (If different from Responsible Official)
Street Address: City: County: Zip Code: Facility Contact Telephone Numbers Business: () - Mobile: () - Facility Contact Email Address (optional): 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: \[\begin{array}{c} \begin{array}{c} \left \text{ here} \\ \end{array} \right permit is 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. 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 pro	
Business: () 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: TTTDCLO2-OO2-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. Print name of responsible official	Street Address:
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registration form is submitted). The permit number(s) are: 1775062-008-AO 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. NANDALL L. MAYME Print name of responsible official	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.
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	MANDALL L. MAYNE
Signature Date Date	Randall & Mayre aug 4, 2003

WCAlloys 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

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Facility Description and Comments
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and temperature monitoring device and temperature
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data recorded (19) (circle one) 8603 by 82703 If 'No,' explain In DRXESS OF Prowring Funding for purchase
And installation of these devices (SEE RELOW).
Does each secondary aluminum sweat furnace have a written operation, maintenance, and monitoring (OM&M) plan,
and is this plan maintained on-site? (Y) (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
12 Troy explain
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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. Allais is a small to moderate manufacturer of comold aliminary
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ChitED States. The buyers this material is sold to Are All
located within the southeast U.S.
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DE USE only Automotive and marine materials in our alloy. ON AVERAGE, the past three years have processed slightly over 200 TONS ANNUALLY.
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DUR PAST FURNICE WAS Equipped with I Afterburner, DUR REPLACEMENT/Upgrade furnace, purchased wo new DEP regulations in mind, utilizes a 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 DRIGING PERMITH 77750(2-002-002-002-002-002-002-002-002-002-
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WE ARE limited to 800 hours per year of furnace operations (actual furnace.

RECEIVED

DEP Form No. 62-213.900(9) Effective: 04/15/03

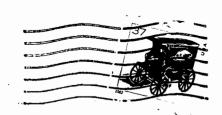
AUG 2 5 2003

Facility Contact (If different from Responsible Official)
Facility Contact Name:
Facility Contact Address
Street Address: County: Zip Code:
City:
Facility Contact Telephone Numbers Fax: ()
Business: ()
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-AO
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.
MANDALL L. MAYNE
Print name of responsible official
Danda Hot Marry Que \$ 2003
Signature Date
Q 100 DMaure Bun 22.2002
Randall L. Mayre aug 22,2003
CAM.

DEP Form No. 62-213.900(9) Effective: 04/15/03 WCAlloys 1950 Aurora Drive Navarre, FL 32566



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

32333-6542 01

RECEIVED

AUG 4 2003

SECONDARY ALUMINUM SWEAT FURNACE AIR GENERAL PERMIT REGISTRATION FORM

Bureau of Air Wooddoring & Mobile Sources

July Studies Temps
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.
The Post testion
Facility Registration Facility Owner/Company Name (Name of corporation, agency, or individual owner):
RANDAU L MAYNE d.b.A W.C. Alloys
Site Name (For example, plant name or number):
Facility Location Street Address or Other Locator: Color County: SANTA ROSA Zip Code: 325Xo3
Street Address or Other Locator:
Facility Identification Number (DEP use only; do not fill in):
Facility Identification Number (DEP use only; do not fill in): 7775062-004
Responsible Official
Responsible Official Name:
KANDALL 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.Alloy Street Address: 1950 AURORA DR.
City: NAVARRE County: SANTA Zip Code: 325666
Responsible Official Telephone Numbers Business: (250) 939-0779 Fax: (850) 939-6972
Business: (250) 939-0779 Fax: (850) 939-69 (2) Mobile: (850) 554-1742
Responsible Official Email Address (optional): WCAlloy@ AOL.com

DEP Form No. 62-213.900(9) Effective: 04/15/03 5

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 Is ach secondary aluminum sweat furnace equipped with an afterburner that has a design residence time of at least Is 00 degrees Fahrenbeit, and is the manufacturer's 0.8 seconds and a design operating temperature of at least 1600 degrees Fahrenbeit, and is the manufacturer's 1.8 control of these design specifications maintained on site? Y. N. (circle one) If 'No,' explain There are a furnace have an afterburner temperature monitoring device and temperature controlling temperature during the process of the products of the process	Facility Description and Comments
Is each secondary aluminum sweat furnace equipped with an afterburner that has a testiguistic control of these design operating temperature of at least 1500 degrees Fahrenheit, and is the manufacturer's 0.8 seconds and a design operating temperature of at least 1500 degrees Fahrenheit, and is the manufacturer's 1.8 control of these design specifications maintained on site? Y. N. (circle one) If 'No,' explain There are a control of the process of Providing There are the process of Manufacturer of Manufact	de la
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Does each secondary aluminum sweat furnace have an afterburner temperature monitoring device and attained and the condens of t	controlling tempERATURE, IN YROCESS OF VROUBINGS DESTROY OF MANUFATURER.
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WE ARE limited to 800 hours per year of furnace operations (Actual reclamation) as well as additional periods required to pre-heat that	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). Whiley 3 is a small to moderate manufacturer of remelt Aluminum specifically grades 1-14,380,319 And 333. This material is strictly formulated from specific alloys collected throughout the southeastern thateo States. The buyers this material is sold to Are all located within the southeast U.S. We use only automative and marine materials in our alloy. On Average, the past three years have processed slightly over 200 Tons Annually. Dur Past Funace was equipped with I afterburner. Our heplacement (Upgrade funace, purchased w) new DEP regulations in mind, utilizes a after burners, as well as temperature. Controls, We are currently in the application process with the Fiorida Recycling Lean Program (contact person, Karen Moore) to procure funding for our upgrades including mountains Devices. BASED UPON OUR ORIGINAL PERMIT # 775062-002-AO, we are not a major acceptance of HARS Also based upon the services.

Facility Contact (If different from Responsible Office	(al)	
Facility Contact Name:		
Facility Contact Address Street Address: City:	County: Zip Code:	
Facility Contact Telephone Numbers Business: () - Mobile: () -	Fax: () -	
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 permit, a condition precedent for the entitlement to a gresponsible official surrenders such permit(s), listing to Complete this portion of the form ONLY if this is an I hereby surrender all existing DEP a registration form is submitted). The	eneral permit. Indicate with an A who be permit number(s), or whether no such nitial registration for general permit: r permits (other than the air general perm permit number(s) are:	permit(s) exist.
	or the operation of the facility indicated i	in this registration
Responsible Official Certification		-
I, the undersigned, am the responsible official of a certify, based on information and belief formed ay registration form are true, accurate and complete entitled to use the Title V air general permit for so operate and maintain the air pollutant emissions registration form so as to comply with all terms a secondary aluminum sweat furnaces as set forth a	ter reasonable inquiry, that the statemen and that the facility addressed in this re condary aluminum sweat furnaces. Furn units and air pollution control equipment ad conditions of the Title V air general pe	ts made in this gistration form is ther, I agree to described in this
I will promptly notify the Department of any change of the Department of any change of the Department	ges to the information contained in this r	egistration form.
Randall & Mayres Signature	aug 4, 20	703

BEST AVAILABLE COPY

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? N (circle one) If 'No,' explain 2503
Does each secondary aluminum sweat furnace have a written operation, maintenance, and monitoring (OM&M) plan, and is this plan maintained on-site? No, (circle one) If 'No,' explain
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DEP Form No. 62-213.900(9)

Effective: 04/15/03

AUG 6 2005

Bur en a vor annih & Mobile Sources

WCAlloys 1950 Aurora Drive Navarre, FL 32566 Phone: 850-939-0779 Fax: 850-939-6972

facsimile transmittal

Го: 	Bruce Thomas		From:	S. Renee' Mayne	
ax:	8509226979		Date:	August 5, 2003	
Phone:			Pages:	3	
 Re:	Request for changes		CC:		
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furnace.	

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.
iorni.
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
Tarola MA Marrie /110 5 2m2
Signature Date
÷

Effective: 04/15/03



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;	PHONE: (850) 939 - 0779	CONTACT: Mrs. S Renee'		
Gulf Breeze, FL		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:

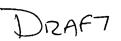
For 2002, the facility processed 419,998 lbs of recycled aluminum and used 14,591 gallons of propane.

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) x 60 sec/min =) 0.11 seconds at 1800 °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) x 60 sec/min =) 0.14 seconds at 1600 °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



Page 2 or 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:	SIGNATURE	DATE:
Blair Burleson	•	

DAAF7

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.

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

NWD

3810 Liggett Street

PENSACO

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 >>

457525 JAN24 2007 THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

Please include your AIRS ID# on your check or money order. This number is located on the mailing label.

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID# 7775062 W.C. ALLOYS 6124 NAVARRE PKWY. GULF BREEZE, FL 32561 FLAIR ACCT. CODE 372020350013755010000 BENIFITTING OBJECT CODE 002000 BENIFITTING CATEGORY 000200

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

TITLE VAIR GENERAL PERMITS
RECEIPTS

P.O. BOX 3070 TALLAHASSEE, FL

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	For delivery information visût our website at www.usps.com®
51	OFFICIAL (US)E
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0003	Certified Fee
2	Return Reciept Fee (Endorsement Required)
260	Restricted Delivery Fee (Endorsement Required)
m	Total F RANDALL MAYNE
7003	Sent To W.C. ALLOYS
2	Street: 1950 AURORA DRIVE
Į.	or POB NAVARRE, FL 32566
((City, Ste
	PS Form 3800, June 2002 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
 Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature Agent Addressee Addressee
1 Article Addressed to:	If YES, enter delivery address below:
ID# 7775062 RANDALL MAYNE W.C. ALLOYS 1950 AURORA DRIVE	
NAVARRE, FL 32566	3. Service Type Certified Mail
XMB 2/6/64	4. Restricted Delivery? (Extra Fee) ☐ Yes
2 Article Number (Transfer from 7003 2260 0003	5651 1274
PS Form 3811, August 2001 Domestic Re	

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BUR. OF AIR MONITORING & MOBILE SOURCES

DEPT. OF ENVIRONMENTAL PROTECTION

MAIL STATION 5510

2600 BLAIR STONE ROAD

TALLAHASSEE, FLORIDA 32399-2400



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

436247 FEB112084

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

Do NOT Remove Label

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

TOTAL AMOUNT DUE: \$50.00

FOR GOVERNMENT USE ONLY Org 37550101000 Ed: A1 Fund 20-2-035001

Obj.: 002273

MC Acct #___

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





7775062

TIRS-ID#7.77506e+006.... W: ALLOYS 6124 JAVARRE PKWY.

32561

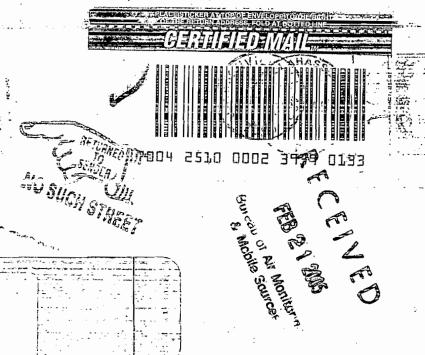
SENDER COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
□ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. □ Print your name and address on the reverse so that we can return the card to you. □ Attach this card to the back of the mallpiece, or on the front if space permits.	A. Signature X Ci Agent Addressee B. Received by (Printed Name) C. Date of Delivery	
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GULF BREEZE, FL 32561	3. Service Type 7. Sertified Mall	
	4. Restricted Delivery? (Extra Fee) Yes	
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Department of Environmental Protection 2600 Blair Stone Rd Tallahassee FL 32399-2400

AIRS ID 7775062 1stC W.C. ALLOYS 6124 NAVARTE PKWY. GULF BREEZE, SL 32561



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

AIRS IDM 275062 3rd Cert04
W.C. ALLOYS
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SENDER: COMPLETE THIS SECTION	COMPLETE, THIS SECTION ON DELIVERY
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1. Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: \(\square\) No
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GULF BREEZE, FL 32561	3. Service Type Certified Mail
	4. Restricted Delivery? (Extra Fee)
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