

Permittee:
Chancey Metal Products, Inc.
5130 Sunbeam Road
Jacksonville, FL 32257

Draft Permit No.: 0310341-005-AC
Facility ID No.: 0310341
SIC No(s): 34
Project: Metal Fabrication Facility

This permit is for the modification of the existing metal fabrication facility. This facility is located at 5130 Sunbeam Road, Jacksonville, Duval County, FL 32257; UTM Coordinates: Zone 17, 444.170 km East and 3341.560 km North; Latitude: 30° 12' 21" North and Longitude: 81° 34' 48" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes (FS) and Florida Administrative Code (FAC) Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Environmental Resource Management Department, Environmental Quality Division (Department) in accordance with the terms and conditions of this permit.

Operation Permit Application Due Date:
Expiration Date:

June 1, 2005
December 1, 2005

Environmental Resource Management Department
Environmental Quality Division

Robert Steven Pace, P.E., Manager
Air Quality Branch

RSP/DH/vgw

Permittee:
Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

Section I. Facility Information

Subsection A. Facility/Project Description

This project is for the modification of the existing metal fabrication facility. The facility includes a paint spray booth, a powder coating booth, and a powder coating curing oven. Particulate Matter (PM) is removed from exhausted air with a dry filter prior to discharge to the atmosphere.

The facility proposes to increase the usage of materials containing Volatile Organic Compounds and Hazardous Air Pollutants.

The facility is a Title V source of air pollution because the potential emissions of Hazardous Air Pollutants (HAP) are equal to or greater than 10 tons per year for a single HAP in accordance with Rule 62-210, FAC, and JEPB Rule 2.301.

The facility is a major source of air pollution because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Chapter 62-210, FAC, and JEPB Rule 2.301.

Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

<u>EU No.</u>	<u>EU Description</u>	<u>Control Device</u>
001	Paint Spray Booth	Paint Arrestor Filter
002	Powder Coating Booth	
003	Powder Coating Curing Oven	

Subsection C. Relevant documents

Air construction permit application received August 2, 2004

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific process and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

Permittee:
Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

Permittee:

Permit Number: 0310341-005-AC

Chancey Metal Products, Inc.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - () Determination of Best Available Control Technology (BACT)
 - () Determination of Prevention of Significant Deterioration (PSD)
 - () Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
 - () Compliance with New Source Performance Standards
 - (X) Compliance with National Emission Standards for Hazardous Air Pollutants
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements;
 2. The person responsible for performing the sampling or measurements;
 3. The date(s) analyses were performed;
 4. The person responsible for performing the analyses;
 5. The analytical techniques or methods used;
 6. The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.
[Rule 62-4.160, FAC, and Rule 2.1301, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Permittee shall notify the Department fifteen (15) days prior to EU testing.
[Rule 62-297.310(7)(a)(9), FAC, and Rule 2.1101, JEPB]
2. Copies of the test report(s) shall be submitted to the Department within forty-five (45) days of completion of testing.
[Rule 62-297.310(8)(b), FAC, and Rule 2.1101, JEPB]

Permittee:

Permit Number: 0310341-005-AC

Chancey Metal Products, Inc.

3. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EU may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
[Rule 62-297.310(2), FAC, and Rule 2.1101, JEPB]
4. Any revision(s) to a permit (and application) shall be submitted to and approved by the Department prior to implementing.
[Rule 62-4.080(2), FAC, and Rule 2.1301, JEPB]
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
[Rule 62-297.310(6), FAC, and Rule 2.1101, JEPB]
6. Stack sampling ports and platforms shall not be required.
7. Permittee shall submit an annual operation report to the Department for this (these) emission unit(s) on the form(s) supplied for each calendar year on or before March 1.
[Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]
8. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, the Department must be notified in writing sixty (60) days prior to the expiration of the construction permit. A new schedule and request for an extension of the construction permit must be submitted.
[Rule 62-4.080(3), FAC, and Rule 2.1301, JEPB]
9. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Operation Permit along with compliance records and test results, to the Department one hundred eighty (180) days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate.
[Rule 62-210.300(2), FAC, and Rule 2.301, JEPB]
10. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), FAC, and Rule 2.1001, JEPB]
11. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202
Telephone: (904) 630-4900
Fax: (904) 630-3638

Permittee:
Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

12. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch
Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9155, Fax: 404/562-9163

Section III. Emission Units and Conditions

Emission Unit No. 001-Paint Spray Booth

Emission Unit Description – Paint is applied to fabricated metal parts.

Control Device – Paint booth is equipped with a Binks Model 14-10 bridge type exhaust chamber to remove paint over spray.

Essential Potential to Emit (PTE) Parameters

1. Coatings (as applied) shall not exceed 150 gallons per day and 54,750 gallons per calendar year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]
2. This EU shall be allowed to operate continuously; i.e.: 8760 hours per year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. Chancey Metal Products, Inc. shall comply with the provisions of 40 CFR 63, Subpart Mmmm – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products, and 40 CFR 63, Subpart A – General Provisions (as described in Appendix B to Subpart Mmmm of Part 63 – General Provisions of Applicability to Subpart Mmmm).
4. Coatings (as applied) shall not exceed a maximum of 3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water.
[Rule 62-296.513(2)(a)3., FAC, and Rule 2.1001, JEPB]
5. The paint spray booth shall not be operated unless all exhaust air passes through the paint arrestor filters.
[Rule 62-210.650, FAC, and Rule 2.301, JEPB]
6. Organic Hazardous Air Pollutants (HAP) emissions shall not exceed 2.6 lb per gal of coating solids used during each 12-month compliance period.
[40 CFR 63.3890(b)(1), Subpart Mmmm, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Permittee:
Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

Test Methods and Procedures

7. Testing for demonstration of compliance, upon request, shall be performed in accordance with EPA Reference Method (RM) 24 (as described in 40 CFR 60, Appendix A) for VOC content of coatings. VOC compliance may be demonstrated by submitting manufacturer's material safety data sheets containing the VOC contents with approval of the Department.
[Rule 62-296.500(2)(b)4, FAC and Rule 2.1001, JEPB]
8. Chancey Metal Products, Inc. must complete the initial compliance demonstration according to the requirements in 40 CFR 63.3941 during the initial compliance period.
[40 CFR 63.3940, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
9. Procedures for demonstration of initial compliance using the compliant material option shall be in accordance with the requirements in 40 CFR 63.3941.
[40 CFR 63.3941, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
10. Procedures for demonstration of continuous compliance using the compliant material option shall be in accordance with the requirements in 40 CFR 63.3942.
[40 CFR 63.3942, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
11. Chancey Metal Products, Inc. must complete the initial compliance demonstration according to the requirements in 40 CFR 63.3951 during the initial compliance period.
[40 CFR 63.3950, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
12. Procedures for demonstration of initial compliance using the emission rate without add-on controls option shall be in accordance with the requirements in 40 CFR 63.3951.
[40 CFR 63.3951, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
13. Procedures for demonstration of continuous compliance using the emission rate without add-on controls option shall be in accordance with the requirements in 40 CFR 63.3952.
[40 CFR 63.3952, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

14. Records shall be kept on a monthly basis for the following:
 - A. The amount and type of coating applied
 - B. VOC and HAP content (lbs/gal) of coatings as applied
 - C. The amount and type of solvents used (including clean-up solvents)
 - D. Total VOC and HAP emissions

Records shall be maintained on file for a minimum period of five (5) years and shall be made available to the Department upon request.

[Rule 62-4.070(3), FAC, and Rule 2.1301, JEPB]

Permittee:
Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

15. The compliance date for this operation shall be January 2, 2007.
[40 CFR 63.3883(c)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]
16. Chancey Metal Products, Inc. must submit a notification of compliance status as described in 40 CFR 63.3910(c) no later than 30 calendar days following the end of the initial compliance period.
[40 CFR 63.3910(c), Rule 62-204.800, FAC, and Rule 2.201, JEPB]
17. Chancey Metal Products must submit semiannual compliance reports as described in 40 CFR 63.3920.
[40 CFR 63.3920, Rule 62-204.800, FAC, and Rule 2.201, JEPB]
18. Chancey Metal Products must collect and keep records of the data and information specified in 40 CFR 63.3930. Failure to collect and keep these records is a deviation from the applicable standard.
[40 CFR 63.3930, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 002-Powder Coating Booth

Emission Unit Description – Powder coating is applied to fabricated metal parts.

Control Device – Powder coating booth is equipped with a Binks Model 14-10 bridge type exhaust chamber paint filter for particulate matter control

Essential Potential to Emit (PTE) Parameters

1. Powder coatings (as applied) shall be limited to 50 pounds per day.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]
2. This EU shall be allowed to operate continuously; i.e.: 8760 hours per year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. Visible emissions shall be limited to 5% opacity.
[Rule 62-4.070(3), FAC and Rule 2.1201, JEPB]

Test Methods and Procedures

4. Testing for demonstration of compliance, upon request, shall be performed in accordance with EPA Reference Method 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity. Testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2, FAC and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

5. Records shall be maintained daily for the following:
 - A. The amount of powder coating applied
 - B. The amount and type of solvents used (including clean-up solvents)Records shall be maintained on file for a minimum period of five (5) years and shall be made available to the Department upon request.
[Rule 62-4.070(3), FAC, and Rule 2.1301, JEPB]

Permittee:

Chancey Metal Products, Inc.

Permit Number: 0310341-005-AC

Emission Unit No. 003-Powder Coating Curing Oven

Emission Unit Description – Powder coating curing oven

Essential Potential to Emit (PTE) Parameters

1. The maximum heat input to the oven shall be limited to 1.2×10^6 Btu per hour of LPG.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]
2. This EU shall be allowed to operate continuously; i.e.: 8760 hours per year.
[Rule 62-210.200(203), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. Visible emissions shall be limited to 5% opacity.
[Rule 62-4.070(3), FAC and Rule 2.1201, JEPB]

Test Methods and Procedure

4. Testing for demonstration of compliance, upon request, shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity. Testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1101, JEPB]

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to S.120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Clerk

Date

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P.E. Certification Statement

Permittee:

Chancey Metal Products, Inc.

Permit No.: 0310341-005-AC

Facility ID No.: 0310341

Project type: Metal Fabrication Facility

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the toxicological, electrical, mechanical, structural, hydrological, and geological features).

Richard L. Robinson, P.E.
Registration Number: 0046688

Date

Permitting Authority:
Environmental Resource Management Department
Environmental Quality Division
117 W. Duval St., Suite 225
Jacksonville, FL 32202
Telephone: (904) 630-4900
Fax: (904) 630-3638