Chancey Metal Products, Inc.
Metal Fabrication Facility
Facility ID No.: 0310341
Duval County

Title V Air Operation Permit Renewal
PROPOSED Permit No.: 0310341-007-AV
Renewal to Title V Air Operation Permit No.: 0310341-006-AV

PERMITTING & COMPLIANCE AUTHORITY:
ENVIRONMENTAL AND COMPLIANCE DEPARTMENT
ENVIRONMENTAL QUALITY DIVISION
407 NORTH LAURA STREET, THIRD FLOOR
JACKSONVILLE, FL 32202
TELEPHONE: (904) 255-7100
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Permittee:
Chancey Metal Products, Inc.
Metal Fabrication Facility
5130 Sunbeam Road
Jacksonville, Fl 32257

PROPOSED Permit No.: 0310341-007-AV
Facility ID No.: 0310341
SIC Nos.: 34
Project: Title V Air Operation Permit Renewal
Metal Fabrication Facility

This permit is for the purpose of renewing Title V Operation Permit No. 0310341-006-AV for Chancey Metal Products, Inc., a 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 Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (FS), and Chapters 62-4, 62-210 and 62-213, Florida Administrative Code (FAC). The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Environmental and Compliance Department, Environmental Quality Division (Permitting Authority), in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Statement of Basis
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix TV-6, TITLE V CONDITIONS version dated 06/23/06
Appendix SS-1, STACK SAMPLING FACILITIES
Appendix B - Table 2 to Subpart MMMM of Part 63

Effective Date:
Renewal Application Due Date:
Expiration Date:

Environmental and Compliance Department
Environmental Quality Division

_____
Vincent A. Seibold, P.E.
Division Chief

VAS/HDS

Section I. Facility Information.

Subsection A. Facility Description.

This permit is for the purpose of renewing Title V Operation Permit No. 0310341-006-AV for Chancey Metal Products, Inc., a metal fabrication facility. This facility manufactures and coats ornamental and architectural metal products. Metal staircases, gates, fences, railing, window bars and architectural components are manufactured that require the application of high performance primers and coatings. 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.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal Application received April 6, 2010, this facility is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID No.	Brief Description	Control Device
001	Paint Spray Booth	Binks Model 14-10 Bridge Type Exhaust Chamber
002	Powder Coating Booth	Binks Model 14-10 Bridge Type Exhaust Chamber
003	Powder Coating Curing Oven	

Note: Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Appendix LR-1, Local Rule Index

These documents are on file with Permitting Authority:

Initial Title V Permit No. 0310341-006-AV
Tile V Air Operation Permit Renewal Application received April 6, 2010

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-6, Title V Conditions, is a part of this permit.
   {Permitting note: Appendix TV-6, Title V Conditions, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

2. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.

   The permittee shall allow no person to store, pump, handle, process, load, unload, or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Permitting Authority.
   [Rule 62-296.320(1)(a), and Rule 2.1101, JEPB]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard.
   Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity) in accordance with Rule 62-296.320(4)(b)1., FAC, and Rule 2.1101, JEPB. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB.

4. Stack sampling facilities and control equipment shall be provided with a method of access that is safe and readily accessible.
   [Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

5. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.
   [Rule 62-210.700(1), (4), and (6), FAC, and Rule 2.201, JEPB]

6. Permittee shall notify the Permitting Authority fifteen (15) days prior to Emissions Unit testing.
   [Rule 62-297.310(7)(a)9., FAC, and Rule 2.1201, JEPB]

7. Testing of emissions shall be conducted with the Emissions Unit 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(s) may be tested at less 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 2.1201, JEPB]

8. Copies of the test report(s) shall be filed with the Permitting Authority within forty-five (45) days of completion of testing.
   [Rule 62-297.310(8)(b), FAC, and Rule 2.1201, JEPB]

9. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter emissions from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions include the following:

   a. Paving and maintenance of roads, parking areas and yards.
   b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
   c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
   d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
   e. Landscaping or planting of vegetation.
   f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
   g. Confining abrasive blasting where possible.
   h. Enclosure or covering of conveyor systems.

   [Rule 62-296.320(4)(c)2. & 3., FAC, and Rule 2.1101, JEPB]

10. Annual Operation Report. Permittee shall submit an annual operating report to the Permitting Authority for all emissions units on the forms supplied for each calendar year by April 1 of the following year.
    [Rule 62-210.370(3), F.A.C. and Rule 2.301, JEPB]

11. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Permitting Authority in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

    a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.
    b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Permitting Authority as soon as possible after the date of such startup is ascertained.

    [Rule 62-210.300(5), F.A.C. and Rule 2.301, JEPB]

12. Insignificant Emission Units and/or Activities, Appendix I-1, List of Insignificant Emission Units and/or Activities, is a part of this permit.
    [Rule 62-213.440(1), FAC, Rule 62-213.430(6), FAC, and Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB, and Rule 2.1401, JEPB]

13. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., FAC, shall be submitted to the Permitting Authority and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), FAC. {Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of Appendix TV-6, Title V Conditions)}
    [Rules 62-213.440(3) and 62-213.900, FAC, and Rule 2.501, JEPB]

14. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), FAC., and Rule 2.501, JEPB]

15. Permit Renewal. For purposes of a permit renewal, a timely application is one that is submitted 225 days before the expiration of a permit that expires on or after June 1, 2009.
[Rule 62-213.420(1)(a)2., F.A.C. and Rule 2.501, JEPB]

16. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-Line Information Center at the following Internet web site: "http://www.dep.state.fl.us/air/emission/tvfee.htm".
[Rule 62-213.205, FAC and Rule 2.501, JEPB]

17. Prevention of Accidental Releases (Section 112(r) of CAA).

    a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

    RMP Reporting Center
    Post Office Box 10162
    Fairfax, VA 22038
    Telephone: (703) 227-7650

    and,

    b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), FAC.

    [40 CFR 68]

18. When appropriate, any recording, monitoring or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, FAC and Rule 2.501, JEPB]

19. 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 & EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, GA 30303-8960
Telephone: (404) 562-9155
Fax: (404) 562-9163

20. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), FAC, Rule 62-4.130, FAC, Rule 2.301, JEPB, and Rule 2.1401, JEPB, deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), FAC, and Rule 2.501, JEPB. Unless otherwise specified in **a permit, rule, or order;** reports shall cover the period of January through June (report due on or before September 1) and July through December (report due on or before March 1).
[Rule 62-213.440(1)(b)3., FAC, and Rule 2.501, JEPB]

21. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

The following Facility-wide conditions are not federally enforceable

22. 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 2.1101, JEPB.]

23. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

24. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

Section III. Emissions Unit(s) and Conditions.

Emission Unit No. 001-Paint Spray Booth

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

Control Device: Binks Model 14-10 Bridge Type Exhaust Chamber Paint Filter 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(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously; i.e.: 8,760 hours per year (hrs/yr).
   [Rule 62-210.200(PTE), 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. Reasonably Available Control Technology (RACT) requirements including **Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities** [Rule 62-296.500(1 & 2), FAC, and Rule 2.1101, JEPB]; and **Surface Coating of Miscellaneous Metal Parts and Products** [Rule 62-296.513, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

5. 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 2.1101, JEPB]

6. 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]

7. For an existing affected source, you must limit organic HAP emissions to the atmosphere from the affected source to the applicable limit as follows:

   a. For each existing general use coating affected source, limit organic HAP emissions to no more than 2.6 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   b. For each existing high performance coating affected source, limit organic HAP emissions to no more than 27.5 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   c. For each existing magnet wire coating affected source, limit organic HAP emissions to no more than 1.0 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   d. For each existing rubber-to-metal coating affected source, limit organic HAP emissions to no more than 37.7 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   e. For each existing extreme performance fluoropolymer coating affected source, limit organic HAP emissions to no more than 12.4 pounds organic HAP per gallon coating solids used during each 12-month compliance period.

   [40 CFR 63.3890, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

8. 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 Permitting Authority.
[Rule 62-296.500(2)(b)4, FAC and Rule 2.1101, JEPB]

9. Calculate the organic HAP content, pounds of organic HAP emitted per gallon coating solids used, of each coating used during the compliance period using the following equation:

$$H_C = \frac{(D_C)(W_C)}{V_S}$$

Where:
H_C = Organic HAP content of the coating, pounds organic HAP emitted per gallon coating solids used.
D_C = Density of coating, pounds coating per gallon coating, determined according to 40 CFR 63.3941(c).
W_C = Mass fraction of organic HAP in the coating, pounds organic HAP per pound coating, determined according to 40 CFR 63.3941(a).
V_S = Volume fraction of coating solids, gallons coating solids per gallon coating, determined according to 40 CFR 63.3941(b).
[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]

Recordkeeping and Reporting Requirements

11. 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 Permitting Authority upon request.
    [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

12. Chancey Metal Products, Inc must submit semiannual compliance reports for each affected source as described in 40 CFR 63.3920.
[40 CFR 63.3920, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Chancey Metal Products, Inc 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 not exceed 110 pounds per day.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. Visible emissions shall not exceed 5% opacity.
   [Rule 62-4.070(3), FAC and Rule 2.1401, JEPB]

Test Methods and Procedures

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 2.1201, 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 Permitting Authority upon request.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Unit No. 003-Powder Coating Curing Oven

Emission Unit Description: The high temperature curing oven is fired with liquid petroleum gas (LPG).

Essential Potential to Emit (PTE) Parameters

1. The maximum heat input to the oven shall not exceed 1.2×10^6 Btu per hour of LPG.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB

Emission Limitations and Standards

3. Visible emissions shall not exceed 5% opacity.
   [Rule 62-4.070(3), FAC and Rule 2.1401, 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 2.1201, JEPB]