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## PERMITTEE

Tampa Tank, Inc.  
2710 5th Avenue  
Tampa, FL 33605

Authorized Representative:  
William DuMelle, Vice President Operations

Air Permit No. 0571450-003-AO  
Air Operation Permit

Tampa Tank Port Facility  
Hillsborough County, Florida

## PROJECT

This is the final air operation permit, which authorizes the operation of Tampa Tank Port Facility, which is a structural steel fabrication facility (Standard Industrial Classification No. 3443). This project is to incorporate the completed construction items authorized under Air Construction Permit No. 0571450-002-AC into the initial Air Operating Permit No. 0571450-003-AO. The facility is located in Hillsborough County at 12781 US Hwy 41 South in Gibsonton, Florida. The UTM coordinates are Zone 17, 361.4 kilometers (km) East, and 3076.8 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

**Permitting Authority:** Applications for air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813/627-2600.

**Petitions.** A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number

*An agency with values of environmental stewardship, fairness, and cooperation*

**Roger P. Stewart Center**

**3629 Queen Palm Drive, Tampa, FL 33619 - (813) 627-2600 - [www.epchc.org](http://www.epchc.org)**

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## FINAL AIR OPERATION PERMIT

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of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

**Mediation:** Mediation is not available in this proceeding.

**Effective Date:** This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

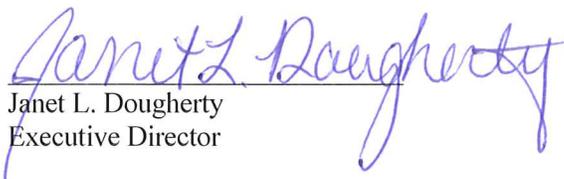
**Judicial Review:** Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

**0571450-003-AO Effective Date:** December 17, 2015

**Renewal Application Due Date:** October 18, 2020

**Expiration Date:** December 17, 2020

Executed in Hillsborough County, Florida

  
Janet L. Dougherty  
Executive Director

FINAL AIR OPERATION PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

William DuMelle, Tampa Tank, Inc. (bdumelle@tti-fss.com)  
Pradeep Raval, Koogler Associates, Inc. (praval@kooglerassociates.com)  
Troy Everhardt, Tampa Tank, Inc. (teverhardt@tti-fss.com)

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

  
\_\_\_\_\_  
(Clerk)

  
\_\_\_\_\_  
(Date)

## SECTION 1. GENERAL INFORMATION

### FACILITY DESCRIPTION

This initial Air Operating Permit No. 0571450-003-AO is to incorporate the completed construction items authorized under Air Construction Permit No. 0571450-002-AC. The Tampa Tank Port Facility (Gibsonton and Port Redwing sites) operates a structural steel fabrication facility for the preparation of metal surfaces using vapor or wet blasting and then applying surface coatings to metal parts and products.

Portable diesel engines of up to 50 HP for the compressor and 100 HP for the generator are used by the subcontractors on site. The maximum annual diesel fuel usage is 30,000 gallons collectively for all the engines, which is below the categorical exemption threshold of 64,000 gallons of Rule 62-210.300(3)35.d., F.A.C.

After the completion of the blasting operation, the metal components are coated using airless spray guns. Painting is conducted in an enclosed area on a concrete pad adjacent to the existing building. Painting is performed outdoors over an impervious layer to prevent paint overspray and solvents from entering the soil. Also the facility uses tarps or other portable barriers to minimize the paint overspray. MEK may be used as a solvent during the cleanup processes.

The existing facility consists of the following emissions units (EU).

EU No.	Emission Unit Description
001	Surface Coating Operations
004	Port Redwing - Surface Coating Operations
003	Blasting Operations (vapor blasting)
005	Port Redwing Blasting Operations (vapor blasting)

### APPLICABLE REGULATIONS

A summary of applicable regulations is shown in the following table.

Regulations	EU No(s).
<i>State Rule Citations</i>	
Rule 62-210.300, F.A.C., Permits Required	001, 003, 004, 005
Rule 62-296.320, F.A.C., General Pollutant Emission Limiting Standards	001, 003, 004, 005
Rule 62-296.513, F.A.C., Surface Coating of Miscellaneous Metal Parts and Products	001, 004
Rule 62-296.712, F.A.C., Miscellaneous Manufacturing Process Operations	003, 005
<i>Local Rule Citations</i>	
Chapter 1-3, Rules of the Environmental Protection Commission of Hillsborough County	003, 005

### FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.

## SECTION 1. GENERAL INFORMATION

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- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

## SECTION 2. ADMINISTRATIVE REQUIREMENTS

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1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's mailing address is: 3629 Queen Palm Dr., Tampa, FL 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, FL 33619.
3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
7. Renewal. Prior to 60 days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 60 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department. [Rule 62-4.090, F.A.C.]
8. Annual Operating Report (AOR): The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Environmental Protection Commission of Hillsborough County. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

*{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at [eaor@dep.state.fl.us](mailto:eaor@dep.state.fl.us).}*

9. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### A. Surface Coating Operations

This section of the permit addresses the following emissions units.

EU No.	Emission Unit Description
001	Surface Coating Operations
004	Port Redwing - Surface Coating Operations

#### PERFORMANCE RESTRICTIONS

- Permitted Capacity:** In order to ensure compliance with Specific Condition Nos. 3 and 4, the following restrictions and limitations shall apply facility-wide: [Rules 62-4.070(3) and 62-212.300(3)(a), F.A.C.; and Permit No. 0571450-002-AC]
  - The amount of coating(s), as applied, may not exceed 24,000 gallons for EU 001 and 20,000 gallons for EU 004 per any 12 consecutive month period;
  - The amount of solvent used to clean the paint spraying equipment and other cleaning activities associated with the surface coating operations may not exceed 2,000 gallons for EU 001 and 2,000 gallons for EU 004 per any 12 consecutive month period;
  - Addition of a solvent or thinner to the coating(s) is permitted to the extent to make the coating(s) usable, but in no case shall the VOC content of the coating(s), as applied, exceed the standard as specified in Specific Condition No. 3;
  - The surface coating operations shall be performed either in the process building, using tarps to cover the building openings, or outdoors using tarps or other portable barriers that will surround the structure;
  - All outdoor surface coating operations shall be performed over an impervious layer to prevent paint overspray and solvents from entering the soil and contaminating the ground water;
  - Material safety data sheets for each coating and solvent shall be maintained on site and made available upon request to any local, state, or federal air pollution control agency;
  - The permittee shall collect on a regular basis and properly dispose of or recycle, through a licensed agent, the soiled waste rags/papers which contain paint overspray and other volatile organic compounds.
- Restricted Operation:** The hours of operation of are not limited (8760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

#### EMISSIONS STANDARDS

- Emissions Standard:** The permittee shall not cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of 3.5 pounds per gallon of coating, excluding water, delivered to a coating applicator. [Rules 62-296.513(2)(a)2., and 62-4.070(3), F.A.C.; and Permit No. 0571450-002-AC]
- PTE Limitation:** In order to limit the potential to emit and establish the facility as a synthetic minor for both Volatile Organic Compound (VOCs) and Hazardous Air Pollutants (HAP), the following emission limitations shall apply: [Rules 62-296.320, 62-212.300 and 62-4.070(3), F.A.C.; and Permit No. 0571450-002-AC]
  - VOC emissions from the surface coating operation shall not exceed 90.4 per any 12 consecutive month period;
  - The HAP, as defined in Rule 62-213.200, F.A.C., emissions shall be less than 10 tons in any 12 consecutive month period for any individual HAP, and less than 25 tons in any 12 consecutive month period for any combination of HAPs.

## SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

### A. Surface Coating Operations

5. Compliance with the emission limitations of Specific Condition No. 3 shall be determined using EPA Method 24 contained in 40 CFR 60, EPA VOC DATA SHEET or manufacturer certification shall be kept on-site for each coating used and made available upon request to the Environmental Protection Commission of Hillsborough County. The manufacturer certification shall be consistent with EPA 450/3-84-019 titled, "Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings." [Rule 62-296.500(2)(b)4., F.A.C.]
6. The permittee shall not store, handle, process, or use in any process the volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems as follows and as deemed necessary and ordered by the Environmental Protection Commission of Hillsborough County: [Rule 62-4.070(3) and 62-296.320, F.A.C.]
  - A) Maintain tightly fitting cover, lids, etc. on all containers when they are not being handled, tapped, etc.
  - B) Where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, etc. of VOC so that it can be covered when not in use.
  - C) Immediately attend to all spills/waste as appropriate.
  - D) Using tarps or barriers with at least 95% shade factor at all times when coating. The tarps or barriers shall surround the painting area at all times to contain all paint overspray. If the paint area extends above the barriers, the spray nozzles shall be pointed in the downward direction.
  - E) The permittee shall use only airless spray applicators during coating operations.
  - F) Use high solids coatings whenever they are available and they meet the customer's specifications.

### OPERATION AND MAINTENANCE REQUIREMENTS

7. In order to provide reasonable assurance that the spray coating operations shall be properly maintained, the permittee shall follow the procedures below:

#### DAILY

- A) Check applicator nozzles for proper operation.
- B) Check coating area to ensure the impervious layer is in proper condition;
- C) Check to ensure sufficient tarps or barriers are at least 95% shade factor.

#### ANNUALLY

- A) Review operator training records to ensure operator knowledge of procedures and proper spray application techniques.[Rules 62-4.070(3), F.A.C.,]

### RECORDS AND REPORTS

8. In order to demonstrate compliance with Specific Condition Nos. 1, 3 and 4, the permittee shall maintain daily records of surface coating operation, inventory records, Material Safety Data Sheets, and other supporting data necessary to substantiate daily coating and solvent usages for both the Gibsonton and the Port Redwing facilities. These records shall be maintained on-site and made available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request and kept on file for a three (3) year period. The records shall include, but not limited to, the following: [Rule 62-4.070(3), and 62-4.160(14)(b), F.A.C.]
  - A) Day, Month and Year of the data recorded;

**SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS**

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**A. Surface Coating Operations**

- B) Product name and amount of coating used, including any solvent added to the coating, if applicable (gal);
- C) Type and amount of clean up solvent used (gal);
- D) VOC and HAP content of coating(s) and solvent(s) as applied;
- E) Monthly VOC, individual HAP, and total combined HAP emissions for each coating, as applied;
- F) Monthly summaries of B), C) and E);
- G) Twelve month rolling totals of B) and C);
- H) Twelve month rolling totals for each individual HAP, total HAPs, and total VOC emissions (in tons).

### SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

#### B. Blasting Operations

This section of the permit addresses the following emissions units.

EU No.	Emission Unit Description
003	Blasting Operations (vapor blasting)
005	Port Redwing Blasting Operations (vapor blasting)

#### PERFORMANCE RESTRICTIONS

1. Permitted Capacity:

- A. The permittee shall only conduct wet (vapor) blasting.
- B. The maximum media usage for the vapor blasting operation shall not exceed 400 ton for EU 003 and 400 ton for EU 005 per twelve consecutive month period.
- C. The permittee shall use no more than two (2) blasting nozzles at any time.

[Rule 62-4.070(3), and 62-210.200 (PTE), F.A.C.; and Permit No. 0571450-002-AC]

2. Restricted Operation: The hours of operation of are not limited (8760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

#### EMISSIONS STANDARDS

3. Emissions Standards: Visible emissions from the blasting operation shall not exceed 5% opacity. [Rule 62-4.070(3), F.A.C. and 62-296.712(2), F.A.C., Chapter 1-3.52(1), Rules of the EPC]

#### TESTING REQUIREMENTS

4. Annual Compliance Tests: In order to demonstrate compliance with Specific Condition No. 3, the permittee shall perform a visible emissions (VE) test for the vapor blasting activities during each calendar year (January 1<sup>st</sup> to December 31<sup>st</sup>). The readings shall be taken on the highest point of opacity from the operation. [Rule 62-297.310 and 62-4.070(3), F.A.C.]
5. Test Requirements: At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the air compliance program identified by permit, unless shorter notice is agreed to by the appropriate air compliance program. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]
6. Emissions testing shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of the number of nozzles used simultaneously during the vapor blasting operation. If it is impracticable to test at capacity, then the emission points may be tested at less than capacity; in this case subsequent operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. The permittee shall submit a statement specifying the unloading, handling and loading operating rates as part of the compliance test. Failure to submit an operation rate statement may invalidate the test report. [Rules 62-4.070(3) and 62-297.310, F.A.C.]

**SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS**

**B. Blasting Operations**

7. When the EPC, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit, unless the EPC obtains other information sufficient to demonstrate compliance. The owner or operator of the emissions unit shall provide a report on the results of said tests to the EPC in accordance with the provisions of subsection 62-297.310(10), F.A.C. [Rule 62-297.310(8)(c), F.A.C.]
8. Test Methods: Required tests shall be performed in accordance with the following reference methods:

<b>Method</b>	<b>Description of Method and Comments</b>
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. The EPA Method 9 test period shall be at a minimum:

- A) The visible emissions test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur.

**RECORDS AND REPORTS**

9. In order to comply with Specific Condition No. 1, the permittee shall keep records of the vapor blasting operations, for both the Gibsonton and the Port Redwing facilities, for the most recent three years. The records shall be made available to the Environmental Protection Commission of Hillsborough County, State, or Federal air pollution agency upon request. The records shall include, but not be limited to, the following [Rule 62-4.070(3), F.A.C. and 62-4.160(14)(b), F.A.C]
- A) Day, Month and Year of the data recorded;
- B) Media usage of the vapor blast activity separately for both Gibsonton and Port Redwing facilities on a monthly basis;
- C) Rolling twelve (12) month total.