



# Florida Department of Environmental Protection

Northeast District  
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Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## PERMITTEE:

Southern Drydock, Inc.  
937 Bulkhead Road  
Green Cove Springs, FL 32043

I.D. Number: 0190077  
Permit/Cert Number: 0190077-001-AC  
Date of Issue: December 1, 2008  
Expiration Date: December 1, 2009  
County: Clay  
Latitude/Longitude: 29°58'46"W; 81°39'22"N  
UTM: E-(17)436.71; N-3316.69  
Project: Initial Air Construction  
Permit (After the Fact)

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 62-204, 62-210, 62-212, 62-296, 62-297 and 62-4. 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 department and made a part hereof and specifically described as follows:

## PROJECT 001:

**Project001is for an Initial Air Construction Permit (After the Fact) for a vessel repair facility.**

This company has been in operation since August 2002. The facility now emits above the thresholds for Hazardous Air Pollutants (HAPS), xylene.

Emission Units and Points that will be affected by Project 001 are identified as follows:

### Emissions Unit 001 Coating Operations

<u>Emission Unit</u>	<u>Description</u>
EP01	Coating Landside
EP02	Coating Dockside

### Emissions Unit 002 Blasting Operation

<u>Emission Unit</u>	<u>Description</u>
EP01	Blasting Landside
EP02	Blasting Dockside

Pollutants: Particulate Matter, Unconfined Particulate Matter, VOC and HAPs emissions.

***Informational Purposes: Since there are no true emissions points for this facility, Southern Drydock, Inc. shall demonstrate compliance with the PM/PM<sub>10</sub> requested CAP via recordkeeping.***

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## **FACILITY DESCRIPTION**

This Boat Repair Facility emits minor quantities of VOC, HAPs and PM from cleaning, repairing and painting vessels. The operation includes blasting with silica Sand and Black Beauty, and painting boats.

Facility requested CAP of 9 TPY individual HAPs; 24 TPY total HAPs; 24 TPY VOC and 24 TPY of PM.

## **REGULATORY CLASSIFICATION**

Facility subject to Rule 62-296.320, F.A.C.

## **OPERATING LOCATION**

Located at 937 Bulkhead Road, Green Cove Springs, Clay County, Florida.

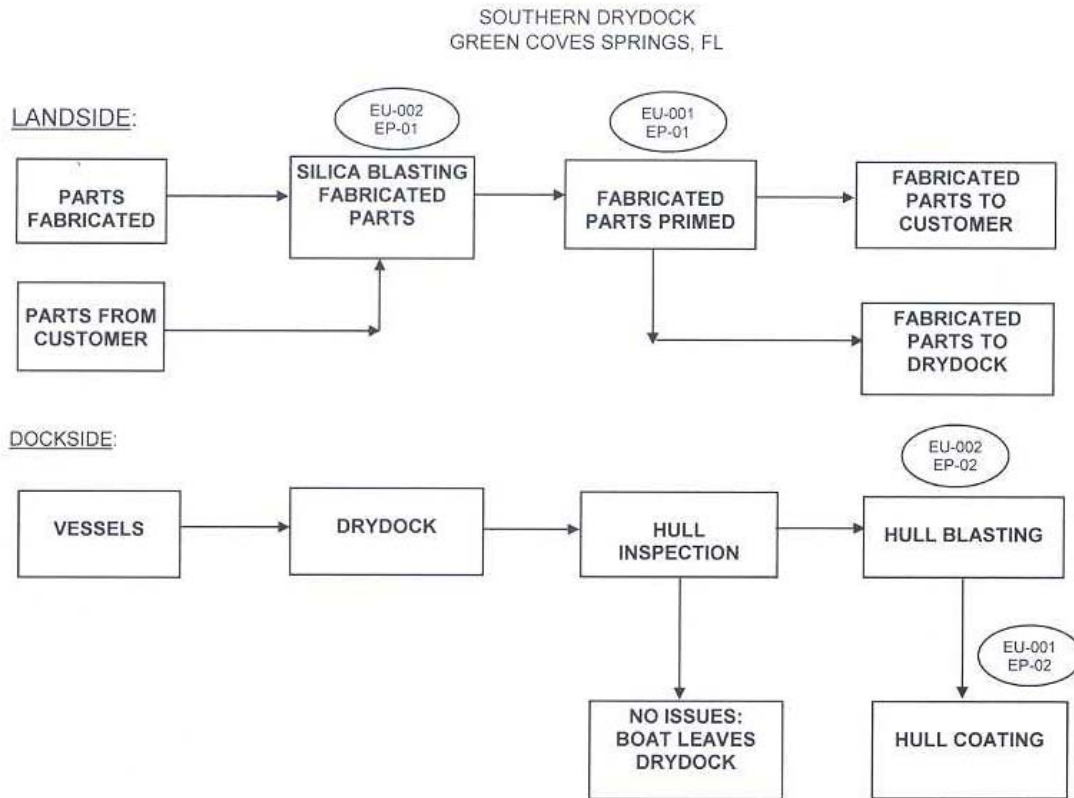
## **RELEVANT DOCUMENTS**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

Application for Air Construction Permit - Non-Title V Source received September 3, 2008  
Request for Additional Information dated October 2, 2008  
Additional Information received on October 6, 2008

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PROCESS FLOW DIAGRAM

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**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 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 the conditions.
2. This permit is valid only for the specific processes 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.
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 the permit.
4. This permit conveys not title to land or water, does not constitute State recognition or acknowledgment 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 permitted 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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:
  - a. Have access to and copy any record that must be kept under the 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.

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**GENERAL CONDITIONS:**

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 non-compliance; and
- b. the period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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 for 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 403.73 and 403.111, 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.

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 Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance 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)
- ( ) Compliance with New Source Performance Standards (NSPS)

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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 the 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:  
the date, exact place, and time of sampling or measurements;  
the person responsible for performing the sampling or measurement;  
the dates analyses were performed;  
the person responsible for performing the analyses;  
the analytical techniques or methods used; and  
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.

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**SPECIFIC CONDITIONS:**

**ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS**

1. The I.D. No. and Project name for this source shall be used on all correspondence.
2. **Hours of Operation:** The hours of operation are not limited (8760 H/Y).  
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**EMISSION LIMITATIONS AND PERFORMANCE STANDARDS**

3. **Emission Limits:** The permitted maximum allowable emissions rates are as follows:

Pollutant	Maximum Allowable	Rule
Volatile Organic Compound	24 tons per year in any consecutive 12-month	NOTE (1)
Hazardous Air Pollutant	9 tons in any consecutive 12 -month period	NOTE (1)
Total Hazardous Air Pollutants	24 tons in any consecutive 12-month period	NOTE (1)
Particulate Matter	24 tons per year in any consecutive 12-month	NOTE (1)

NOTE (1) Response to Request for Additional Information received on October 6, 2008.

4. **Objectionable Odor Prohibited:** No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. Objectionable odor, is an odor present in the outdoor atmosphere which by itself or by combination with other odors, is or maybe harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which create a nuisance.  
[Rule 62-296.320(2) and 62-210.200 (181), F.A.C.]
5. **Unconfined Particulate Matter :** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility may include but are not limited to:
  - a. Reduced speed for vehicular traffic.
  - b. Use of dust suppressants or wetting agents.
  - c. Use of paving or other asphaltic materials.
  - d. Removal of particulate matter from paved roads and/or other paved areas by vacuum cleaning or wetting prior to sweeping.
  - e. Covering of trucks, trailers, frontend loader and other vehicles or containers to prevent spillage of particulate matter during transport.
  - f. Use of mulch, hydo seeding, grassing and/or other vegetative ground cover on barren areas to prevent or reduce particulate matter from being windblown.
  - g. Use of hoods, fans, filters and similar equipment to contain, capture and prevent particulate matter.

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**Specific Condition No. 5 continued:**

- h. Enclosure or covering of conveyor systems.
- i. Sprinkling or otherwise wetting or conveyor systems.

[Rule 62-296.320(4)(c)2., F.A.C.]

6. **VOC Emissions:** Procedures to minimize VOC emissions shall include, but not limited to:
- a. Maintain tightly fitting cover, lids, etc. on all containers of VOC when they are not being handled, tapped, etc.
  - b. Where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, bath, etc., of VOC so that it can be covered when not in use.
  - c. All fittings, valves, lines, etc. shall be properly maintained.
  - d. All VOC spills shall be attended to immediately and the materials properly disposed of, recycled, etc.
  - e. Maintain a monthly accounting of the VOC per type such that the beginning inventory and deliveries are accounted for.

[Rule 62-296.320(1)(a), F.A.C.]

7. **Excess Emissions-Startup, Shutdown or Malfunction:** Excess emissions resulting from startup, shutdown or malfunction of any emissions 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 Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

8. **Excess Emissions-Notification:** In case of excess emissions resulting from malfunctions, the permittee shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

9. **General Visible Emissions Standard (Facility-wide):** 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). Visible Emissions testing shall be performed upon request by the Department using EPA Method 9 pursuant to Chapter 62-297, F.A.C.

[Rule 62-296.320(4)(b)1., F.A.C.]

10. **Circumvention of Control Devices:** The permittee shall not allow any person to circumvent any pollution control device nor allow the emissions of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]



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**SPECIFIC CONDITIONS:**

**RECORD KEEPING**

11. **Record keeping-VOC & HAPs:** Compliance with **Specific Condition No. 3** shall be determined by recording the following data for each material used at the facility that contains VOC and HAPs:
  - Material balance reports
  - VOC emissions [Ton/month and Ton/ any 12-month consecutive period]
  - Manufacturer's certification of VOC content and density
  - Volatile organic materials usage records
  - HAPs emissions [Ton/month and Ton/ any 12-month consecutive period]
  - Manufacturer's certification of HAPs content and density
  - HAPs materials usage records[Rule 62-210.370(2)(c)3., F.A.C.]
12. **Record keeping-Sand blast media:** Compliance with **Specific Condition No. 3** shall be determined by recording the following data for all sandblast media used at the facility:
  - Material usage records
  - PM/ PM<sub>10</sub> emissions [Ton/month and Ton/ any 12-month consecutive period][Rule 62-4.070(3), F.A.C.]
13. **Special Compliance Tests:** When the Department, 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 and to provide a report on the results of said tests to the Department.  
[Rule 62-297.310(7), F.A.C.]
14. **Operation During Compliance Test:** Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.  
[Rule 62-297.310(2)(b), F.A.C.]

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15. **Compliance Test Notification:** At least 15 days prior to the date on which each formal compliance test is due to begin, the permittee shall provide written notification of the test to the Air Compliance Section of this Office. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company and telephone number of the person conducting the test.  
[Rule 62-297.310(7)(a)9., F.A.C.]

**REPORTING AND RECORDKEEPING REQUIREMENTS**

16. **Test Reporting:** Reports of the required compliance tests shall be filed with the Air Compliance Section of this office as soon as practical but no later than 45 days after the last test is completed.  
[Rule 62-297.310(8), F.A.C.]

**ADMINISTRATIVE**

17. **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(1), F.A.C.]
18. **Circumvention:** No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.  
[Rule 62-210.650, F.A.C.]
19. **Plant Operation - Problems:** If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.  
[Rule 62-4.130, F.A.C.]
20. Issuance of a permit does not relieve the owner or operator of an emissions unit from complying with any applicable requirement, any emission limiting standards or other requirements of the air pollution rules of the Department or any other such requirements under federal, state or local law.  
[Rule 62-210.300, F.A.C.]

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**SPECIFIC CONDITIONS:**

21. A completed Application for Non-Title V Air Permit (DEP Form No. 62-210.900(3), F.A.C.), shall be submitted to the Department at least 60 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the permittee shall submit the appropriate application form, processing fee, and compliance test reports as required by this permit.

[Rules 62-4.055 and 62-4.220, F.A.C.]

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Christopher L. Kirts, P.E.  
District Air Program Administrator