

August 11, 2014

NOTICE OF AIR POLLUTION PERMIT

**CERTIFIED MAIL No: 7013 3020 0001 2745 8843**  
**RETURN RECEIPT REQUESTED:**

**ISSUED TO:**

Ms. Kolleen Cobb  
Vice President  
Flagler Global Logistics LLC  
2855 South Le Jeune Road, 4<sup>th</sup> floor  
Coral Gables, FL 33134

Permit Number: 0251364-002-AO  
Issue Date: August 11, 2014  
Expiration Date: August 10, 2019

**Project:** Non-Title V State of Florida Initial Air Operation Permit for the Flagler Global Logistics, LLC facility.  
**Facility Description:** Facility engages in fumigation of imported food commodities with Methyl Bromide gas. (SIC/NAICS # - 4222/493120)  
**Location:** 3200 NW 67 Avenue, Building 1, Suite 150, Miami, Fl. 33122  
**Lat./Long:** 25° 46' 41.71" N / 80° 17' 40.90" W  
**UTM:** Zone 17; 570.72 km. E; 2851.32 km. N.

This is Permit Number 0251364-002-AO to operate an air pollution source issued by the **Miami-Dade County Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management pursuant to Chapter 24, Code of Miami-Dade County and Chapter 403.087, Florida Statutes (F.S.)**. This is a State Air Operating Permit authorizing the operation of the emissions units described in this permit.

*The Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the FDEP recognizes the RER as the approved local air pollution control program of Miami-Dade County. Through a Specific Operating Agreement, the FDEP delegated to the RER the authority to issue or deny permits for this type of air pollution source located in Miami-Dade County.*

**STATEMENT OF BASIS:**

This permit is issued under the provisions of **Chapter 24, Code of Miami-Dade County, Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F. A. C.) Rules 62-4, and 62-204 through 62-297**, and in conformance with all existing regulations of the FDEP and the RER rules. 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 RER and made a part hereof and specifically described in this permit.

**PERMIT CONTENTS:**

- Part I -- Summary Information
- Part II -- Facility-Wide Specific Conditions
- Part III -- Emission Unit Specific Conditions
- Appendix A -- General Conditions
- Appendix E -- USDA Pressure-Leakage Test for NAP Fumigation Chambers

**PART I -- SUMMARY INFORMATION**

This permit addresses the following air pollution emission unit(s):

Emissions Unit Number	Emissions Unit Description
001	<p><b><u>Methyl Bromide Fumigation:</u></b> Two (2) 18,612 cubic feet methyl bromide fumigation chambers. Two (2) 16,074 cubic feet methyl bromide fumigation chambers. Eight (8) activated carbon adsorbers. One (1) activated carbon regenerative system.</p>

**SIGNIFICANT DATES:**

June 13, 2014: Received Application and fee payment for Initial State Air Operation Permit

**FACILITY REGULATORY CLASSIFICATION:**

This facility is a synthetic minor, Non-Title V source of air pollution.

**PERMIT HISTORY:**

<u>Permit</u> Permit No. 0251364-001-AC	<u>Issue Date</u> June 14, 2013	<u>Expiration Date</u> June 13, 2014
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## PART II - FACILITY-WIDE SPECIFIC CONDITIONS

### 1.0 Administrative Requirements

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Miami-Dade County Regulatory and Economic Resources (RER), Division of Environmental Resources Management, Air Quality Management located at 701 NW 1 Court, Suite 400, Miami, Florida 33136.
- 1.2 Citation Format: In this permit, references to F. A. C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.
- 1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S. [Rule 62-4.160 F. A. C.]
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F. A. C.) Rules 62-4 and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state, or local permitting requirements or other regulations.
- 1.5 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid and hazardous wastes in accordance with all applicable Federal, State and Local regulations.
- 1.6 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from the RER or other departments or agencies.
- 1.7 Renewal of This State Permit Required: An application for renewal of this air operating permit must be submitted to the RER, Air Quality Management **at least 60 days prior** to the expiration date of this permit. To apply for renewal of an operating permit, the applicant shall submit the appropriate application form in triplicate, the appropriate application fee, all required compliance test results, and such additional information as the RER may require by law.  
[Rule 62-4.030, 62-4.050, and 62-4.220 F. A. C.]  
  
Note that public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.  
[Rule 62-210.350(4)(a) F. A. C.]
- 1.8 County Permit Renewal: A request for renewal of the Miami-Dade County annual air operating permit must be submitted annually to the RER Air Quality Management on the appropriate form, **by May 31<sup>st</sup> of each calendar year**, along with the appropriate Miami-Dade County permit fee.  
[Chapter 24-18, Code of Miami-Dade County]

## **2.0 General Pollutant Emission Limiting Standards**

2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2) F. A. C.]

2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, 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 20 percent opacity at any time.  
[Rule 62-296.320(4)(b) F. A. C.]

2.3 Volatile Organic Compounds/Organic Solvents Emissions:  
No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the RER.  
Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks, which contain VOC when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOC in good operating condition.
- Confine rags used with VOC to tightly closed, fireproof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

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

2.4 Unconfined Emissions of Particulate Matter:  
No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter 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:

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals, or other dust suppressants to unpaved roads, yards, open stock piles, and similar activities.
- 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.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture, and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.
- Substitution of powdery materials with granular or pelletized materials, where possible.

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

### **3.0 Operation Requirements**

- 3.1 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.]
- 3.2 Excess Emissions: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the duration of excess emissions shall be minimized but in no case exceeds two hours in any 24 hour period unless specifically authorized by the RER 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.  
[Rule 62-210.700 F. A. C.]

### **4.0 Compliance Testing Requirements**

- 4.1 Test Notification: Unless otherwise specified in this permit, the RER, Air Quality Management shall be notified in writing of expected compliance test dates (when required) at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.  
[Rule 62-297.310(7) (a) 9 F. A. C.]
- 4.2 Testing at Capacity: Compliance testing (when required) shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emission unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.  
[Rule 62-297.310(2) F. A. C.]
- 4.3 Special Compliance Tests: When the RER, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 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 RER.  
[Rule 62-297.310(7) (b) F. A. C.]

### **5.0 Reporting and Record Keeping Requirements**

- 5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the RER in accordance with Rule 62-4.130, F. A. C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the RER.  
[Rule 62-210.700(6) F. A. C.]

5.2 Report Plant Operation Problems: If the owner or operator 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 owner or operator shall immediately notify the RER. 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 owner or operator from any liability for failure to comply with the FDEP and the RER rules.

[Rule 62-4.130 F. A. C.]

5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for the RER inspection for a minimum of three (3) years from the date of such records.

[Rule 62-4.160 (14) (b) F. A. C.]

5.4 Compliance Test Reports: Compliance test reports (when required) shall be submitted to the RER Air Quality Management, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the RER to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to F. A. C. Rule 297.310(8)(c):

- The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
- The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rule 62-297.310(8)(a) &(b) F. A. C.]

5.5 Report Required: The Annual Operating Report (DEP Form 62-210.900(5)) shall be completed each year and submitted to the Miami-Dade County, RER, Air Quality Management Division office or submitted electronically to the Florida Department of Environmental Protection by April 1 of the following year.

[Rule 62-210.370(3) F. A. C.]

**PART III -- EMISSION UNIT SPECIFIC CONDITIONS**

This part of this permit addresses the following emission units:

Emissions Unit Number	Emissions Unit Description
001	<p><b><u>Methyl Bromide Fumigation Facility:</u></b></p> <p><b><u>Two (2) Large Chambers:</u></b>            Two (2) Custom Manufactured methyl bromide fumigation chambers. Each chamber is 94’L x 22’W x 9’H, equipped with one (1) 3HP, 29” diameter exhaust fan, Loren Cook Model No. TCNHBLE with 2,389 RPM @ 1,800 SCFM, and a capacity of 18,612 cubic feet.</p> <p><b><u>Two (2) Small Chambers:</u></b>            Two (2) Custom Manufactured methyl bromide fumigation chambers. Each chamber is 94’L x 19’W x 9’H, equipped with one (1) 3HP, 29” diameter exhaust fan, Loren Cook Model No. TCNHBLE with 2,389 RPM @ 1,800 SCFM, and a capacity of 16,074 cubic feet.</p> <p><b><u>Methyl Bromide Sensors:</u></b>            Each chamber is equipped with six (6) ports, five of which are for MB sensors; 3 ports that are connected via sealed polyethylene tubing from the chamber direct to the fumiscope (gas reader) outside of the chambers, 1 port connected via polyethylene tubing to a monitor by <i>Baseline</i>, and 1 port via polyethylene tubing connected to a monitor by <i>Spectros</i>, and 1 temperature sensor. A data cable links the fumiscope readings directly to the USDA office.</p> <p>The <i>Baseline</i> monitor (one unit per chamber) is a continuous device that is used only to determine when the MB concentration in the chambers has been reduced to 5 ppm. A sample of gas is drawn from the chamber tube port approximately every 30 to 60 seconds, analyzed and reported.</p> <p>The <i>Spectros</i> monitor (one unit for four chambers and 8 filters) is a continuous device that will measure the full range of MB concentration in the chambers. It draws a gas sample from each chamber tube port on a consecutive basis. In operation the monitor will draw a sample from one tube port at a chamber, analyze the sample and report the concentration. Then a sample is drawn from the second tube port, analyzed and reported, and so on for each tube. It is estimated that each individual tube in a chamber will have a concentration analyzed and recorded approximately every 4 to 6 minutes.</p> <p>Recorded measurements from the <i>Spectros</i> and <i>Baseline</i> will be downloadable to an on-site computer.</p> <p><b><u>Eight (8) Activated Carbon Adsorbers:</u></b>            Eight (8) Carbonair Manufactured, Model No. GPC 20R activated carbon steel adsorbers. Each adsorber is 5’ in diameter, has a flow range of 200 – 1,800 CFM, and a 2,000 lb carbon capacity. Each carbon filtering system piping is equipped with two MB monitoring points. There are 2 carbon vessels per chamber.</p>

	<ul style="list-style-type: none"><li>▪ <u>Exhaust Blower</u>: One (1) 25HP, Lamson, centrifugal electric powered blower, explosion proof motor and control, rated at minimum 1,300 CFM @ approximately 3psi TDH.</li><li>▪ <u>Automated Gas Monitoring System for Chamber &amp; Filter</u>: Two MB monitoring ports at each pair of filters that are connected via polyethylene tubing to the <i>Spectros</i> monitor (referenced above). One MB monitoring port is inside the chamber upstream of the inlet connection to the filters.</li></ul> <p><b><u>One (1) Activated Carbon Regenerative System equipped to regenerate up to three (3) carbon vessels simultaneously, as provided by Value Recovery with the following components:</u></b></p> <ul style="list-style-type: none"><li>▪ <u>Scrubber Tank</u>: One (1) 325 gallon, Polyprocessing polyethylene tanks (1-piece molded), with integrally molded flanged.</li><li>▪ <u>Blower Fan No. 1</u>: One (1) 20HP, Lamson, Model No. Turbotron centrifugal electric powered blowers, explosion proof motor and control rated at 300 CFM @ 6psi TDH.</li><li>▪ <u>Blower Fan No. 2</u>: One (1) 5HP, Lamson, Model No. Turbotron centrifugal electric powered blowers, explosion proof motor and control rated at 300 CFM @ 2psi TDH.</li><li>▪ <u>Piping/Duct Heater</u>: One (1) Indeeco open-coil, electric duct heaters, explosion proof, FM listed, 208 or 240 volt, output up to 60kW, and automatic temperature control.</li><li>▪ <u>Automated Gas Monitoring System</u>: One (1) multi-channel Otis Instruments fixed, direct reading monitor system, with at least 6 remote gas sensing channels for continuous gas readings and data logger. Each filter vessel regenerator shall have two (2) MB sensing ports, and two temperature sensors.</li></ul> <p><i>The activated carbon regenerative system is located at NW 67 Avenue, approximately 3,100 feet south of the fumigation facility.</i></p>
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**1.0 Emissions Limiting Standards and Operation Restrictions**

- 1.1 Visible Emissions: The permittee shall not 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 20%.  
[Rule 62-296.320(4)(b), F.A.C. and Permit No. 0251364-001-AC]
- 1.2 Facility-Wide VOC Emissions: Emissions of volatile organic compounds (VOCs), including hazardous air pollutants (HAPs), shall not equal or exceed 100 tons in any consecutive 12-month period.  
[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 1.3 Facility-Wide HAP Emissions: Total emissions of all hazardous air pollutants (HAPs) shall not equal or exceed 25 tons in any consecutive 12-month period.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.4 Facility-Wide Individual HAP Emissions: Emissions of any individual hazardous air pollutant (HAP) except methyl bromide shall not equal or exceed 10 tons in any consecutive 12-month period.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]

- 1.5 Facility-Wide Methyl Bromide Emissions: Emissions of methyl bromide shall not equal or exceed 9.5 tons in any consecutive 12-month period.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.6 Facility-Wide Methyl Bromide Usage: The facility-wide total usage rate of methyl bromide shall not exceed 152 tons in any consecutive 12-month period.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.7 Allowable Fumigant: The permittee shall only use methyl bromide as a fumigant. If another fumigant is to be used, the permittee shall notify, and receive authorization in writing from the RER prior to using another fumigant.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.8 Methyl Bromide Sensor Operation: All five (5) methyl bromide sensors within the fumigation chamber shall be operational prior to beginning the fumigation process.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.9 Pre-Exhaust Methyl Bromide Concentration: The exhaust process to the atmosphere shall be initiated only after all four (4) methyl bromide sensors within the chamber (3 Fumiscopes for USDA Office, and 1 Spectros monitor) indicate a methyl bromide concentration of 800 parts per million (ppm) or less, or five (5) % of the original concentration, whichever is lower.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.10 Hours of Operation: The referenced emission units(s) may operate 24 hours/day, 7 days/week for 52 weeks/year resulting in 8,760 hours in any consecutive 12-month period.  
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C. and Permit No. 0251364-001-AC]
- 1.11 Post-Exhaust Methyl Bromide Concentration: After each fumigation cycle, the doors to the fumigation chamber shall not be opened until the PureAir monitor indicates a methyl bromide concentration of 5 ppm or less.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.12 Carbon Adsorber Replacement: When replacing carbon adsorbers, the permittee shall ensure that each replacement carbon adsorber be installed immediately. The saturated carbon adsorber shall be immediately capped with an airtight fixture. The airtight fixture on the saturated carbon adsorber shall be immediately checked for leakage. A MB leak check shall be conducted using a portable MB leak detection device to check for leaks at the inlet and outlet flanges of the replacement carbon adsorber during the next aeration cycle.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.13 Regeneration Process: The permittee shall ensure that once the saturated carbon adsorber at the regeneration building is uncapped, it is immediately connected to the regenerative system. The permittee shall ensure that the regenerative system is sealed and airtight prior to any flow through the system. Both methyl bromide sensors shall indicate a steady reading of 5ppm or less, prior to completion of the regeneration process. Upon removal, the regenerated carbon adsorber shall be immediately capped with an airtight fixture.  
[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]
- 1.14 Chamber Pressure Leakage Test: Prior to conducting initial fumigation operations, the permittee shall conduct a USDA pressure leakage test, and a preventative maintenance inspection to ensure that the fumigation system is properly sealed, and each chamber is airtight. Such test and inspection shall be

conducted in accordance with USDA Reference Manual Methyl Bromide Commodity Fumigation, initially and annually thereafter. (See Appendix E Attached). No chamber shall be used until it has passed the most current required pressure leakage test.

[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]

1.15 **Methyl Bromide Emissions**: The permittee shall conduct a leak check on valves, flanges, or other connectors, annually to ensure that there are no emissions of methyl bromide. Only USDA-APHIS approved methyl bromide analyzers shall be used to ensure compliance with this condition.

[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]

1.16 **Equipment Calibration**: The permittee shall calibrate and maintain all methyl bromide gas monitoring systems according to USDA or manufacturer's recommendations, at least every ninety (90) days, to ensure proper operation. The MB cylinder weighing scale shall be calibrated annually.

[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

1.17 **Equipment Identification**: The permittee shall properly identify each fumigation chamber, carbon adsorber, MB sensor, and temperature sensor in all recordkeeping documents.

[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

## **2.0 Compliance Monitoring and Recordkeeping Requirements**

2.1 **Pre-Exhaust Methyl Bromide Concentration Log**: The permittee shall establish and maintain a log to document the methyl bromide concentrations of all four (4) sensors within each fumigation chamber (3 Fumiscopes for USDA Office, and 1 Spectros monitor) prior to initiating each exhaust process to the atmosphere.

[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

2.2 **Post-Exhaust Methyl Bromide Concentration Log**: The permittee shall establish and maintain a log to document the methyl bromide concentrations of all sensors within each fumigation chamber prior to opening the fumigation chamber doors.

[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

2.3 **Carbon Adsorber Replacement Log**: The permittee shall establish and maintain a log for the carbon adsorber replacement. The log shall include the following:

- a. Date, time, and operator's name.
- b. A statement that the saturated carbon adsorber was immediately capped after removal by the operator.
- c. A statement that the replacement carbon adsorber was immediately connected to the system.
- d. A statement that a leak check was conducted on the inlet and outlet flanges of the replacement carbon adsorber.
- e. A statement that a leak check was conducted on the saturated carbon adsorber.
- f. Results of the leak tests.

[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]

2.4 **Regeneration Log**: The permittee shall establish and maintain a log to document the following:

- a. If the saturated carbon adsorber was capped or un-capped upon delivery at the regeneration building.
- b. Date, and time, and operator's name when each saturated carbon adsorber was connected to the regenerative system.
- c. If the regenerative system was properly sealed and airtight prior to any flow through the system.
- d. The methyl bromide readings from both sensors prior to removal of the regenerated carbon adsorber.
- e. If the regenerated carbon adsorber was capped with an airtight fixture.

[Rule 62-4.070(3), F.A.C. and Permit No. 0251364-001-AC]

- 2.5 Chamber Pressure Leakage Test Report: The permittee shall maintain a log to document that the pressure leak test was conducted. The log shall include the following:
- Date, time, and operator's name.
  - Chamber number.
  - Result of the test.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.6 Methyl Bromide Emissions Leak Test: The permittee shall maintain a log to document that an annual leak test was conducted on valves, flanges, or other connectors. The log shall include the following:
- Date, time, and operator's name.
  - Result of the test.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.7 Chamber Preventative Maintenance Inspection Log: The permittee shall maintain a log to document that the preventative maintenance inspection was conducted. The log shall include the following:
- Date and time.
  - Name of operator who performed the inspection.
  - Checklist of the items that were verified during the inspection.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.8 Methyl Bromide Usage: The permittee shall maintain a log to document the consecutive 12-month methyl bromide usage. The log shall include the date, chamber number, and quantity of MB used.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.9 VOC Content and Emissions: The owner or operator shall determine the VOC content of all materials, including solvents, and shall monitor the usage of such materials at the referenced emission unit(s), by recording and maintaining the following information:
- The VOC content for each material containing or emitting VOCs.
  - The material utilization rate on a monthly basis, for all materials containing or emitting VOCs used at the referenced emission unit(s).
  - The total monthly VOC emission rates for each material, calculated from the monthly material utilization rates and the VOC content, calculated for the preceding month no later than 15 days after the end of that month.
  - A rolling consecutive 12-month total emission rate for VOCs, calculated from the monthly totals for the previous twelve calendar months.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.10 Individual & Total HAP Content and Emissions: The owner or operator shall determine the total and individual HAP contents of all materials, including solvents, and shall monitor the usage of such materials at the referenced emission unit(s), by recording and maintaining the following information:
- The individual and total HAP contents for each material containing or emitting HAPs.
  - The material utilization rate on a monthly basis, for all materials containing or emitting HAPs used at the referenced emission unit(s).
  - The individual and total monthly HAP emission rates for each material, calculated from the monthly material utilization rates and the individual and total HAP content, calculated for the preceding month no later than 15 days after the end of that month.
  - A rolling consecutive 12-month total emission rate for individual and total HAPs, calculated from the monthly totals for the previous twelve calendar months.
- [Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

- 2.11 Methyl Bromide Sensor Calibration & Maintenance Log: The permittee shall maintain the date, and the name of the technician performing the calibration on the methyl bromide gas monitoring system. Additionally, maintenance and repair activities on the methyl bromide gas monitoring systems shall be documented and included in the maintenance log. Such records shall be kept in a maintenance log and made available to RER personnel for review upon request.  
[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.12 Methyl Bromide Scale Calibration & Maintenance Log: The permittee shall maintain the date, and the name of the technician performing the calibration on the methyl bromide cylinder weighing scale. Additionally, maintenance and repair activities on the methyl bromide weighing scale shall be documented and included in the maintenance log. Such records shall be kept in a maintenance log and made available to RER personnel for review upon request.  
[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]
- 2.13 Supporting Documentation: The permittee shall maintain supporting documentation, such as Material Safety Data Sheets, purchase orders, usage and disposal records, etc., and shall include sufficient information to determine compliance. The log and documents shall be kept at the facility and made available for RER inspection for a minimum of three (3) years from the date of such records. Monthly logs shall be completed within 10 calendar days after completion of the preceding month.  
[Rule 62-4.070(3) F.A.C. and Permit No. 0251364-001-AC]

Executed in Miami-Dade County, Florida.

REGULATORY AND ECONOMIC RESOURCES

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H. Patrick Wong, Chief Air Quality Management	Date
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HPW/hs

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**FILING AND ACKNOWLEDGMENT:** FILED, on this date, pursuant to § 120.52(7), F.S., with the designated RER Clerk, receipt of which is hereby acknowledged.

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Clerk

Date