



Florida Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE:

Sunbelt Chemical Corp.
71 Hargrove Grade
Palm Coast, Florida 32137

Air Permit Number: 0350012-005-AO
Issue Date: June 25, 2012
Expiration Date: June 25, 2017

Authorized Representative:

Mr. Perry Troina, Environmental Manager

Air Operating Permit Renewal

This is the air operating renewal permit for the continued operation of the Hydrochloric Acid (HCL) Bottling Facility for Sunbelt Chemical Corp.

The existing facility is located at 71 Hargrove Grade, Palm Coast, Flagler County, Florida The Standard Industrial Classification No. (5169) ; for HCL Bottling Facility. The UTM coordinates are Zone 17 472.85 km East; 3269.13 km N.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

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.

This air pollution operation permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

SECTION 1. GENERAL INFORMATION (FINAL)

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) 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.

Executed in Jacksonville, Florida



June 25, 2012

Khalid A. Al-Nahdy, P. E.
District Air Program Administrator

Date

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) 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 June 25, 2012 to the persons listed below.

Perry Troina perry@sunbeltchemicals.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.



June 25, 2012

Clerk)

(Date)

SECTION 1. GENERAL INFORMATION (FINAL)

FACILITY AND PROJECT DESCRIPTION

Project #005 is for the renewal of air permit 0350012-004-AO. The facility packages household cleaners, pool chemicals, and windshield washer fluids. Hydrochloric Acid (HCl) is received via rail tank car and is repackaged in one gallon plastic bottles for consumer use. Fumes generated as a result of the process are controlled by a wet scrubber.

Facility ID No. 0350012	
ID No.	Emission Unit Description
001	Hydrochloric Acid (HCl) Bottling

FACILITY REGULATORY CLASSIFICATION

- The facility **is not** a major source of hazardous air pollutants (HAP).
- The facility **has no** 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 213, F.A.C.
- The facility **is not** a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Air Resources Section, Florida Department of Environmental Protection (Department). The Northeast District Office's mailing address is 7825 Baymeadows Way, Suite 200B, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District Office. The Permitting Authority's telephone number is (904) 256-1700.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the North East District Office. The mailing address and phone number of the District Office is: 7825 Baymeadows Way, Suite B200, Jacksonville, Florida 32256. The Permitting Authority's telephone number is (904) 256-1700.
3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions;
 - c. Appendix C. Common Conditions; and
 - d. 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. The permittee shall notify the Compliance Authority upon commencement of construction. 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.]

A completed **Application for Non-Title V Air Permit Renewal** (DEP Form No. 62-210.900(4), F.A.C.), shall be submitted to the Department at least 60 days prior to the expiration date of this operation 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, 62-4.090, and 62-4.220, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

SPECIFIC CONDITIONS

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

1. **Hours of Operation:** The hours of operation are not limited: 24 hours/day; 7 days/week; 52 weeks/year (8760 hours/year).

[Rules 62-4.160(2), 62-210.200(PTE), F.A.C.;

2. **Permitted Capacity:** The following maximum rate shall not be exceeded without prior Department approval:

Material	Rate
Hydrochloric Acid (HCl)	3000 gallons per hour ¹

¹ Basis: Air Construction Permit No. 0350012-002-AC

EMISSION LIMITATIONS AND PERFORMANCE STANDARDS

3. **Emission Limits:** The permitted maximum allowable emission rate for each pollutant is as follows:

Pollutant	Emission Limit		FAC Rule
Hydrogen Chloride	1.37 lbs/hr ¹	6.02 tons per 12 month period ¹	-----

¹ Basis: Air Construction Permit No. 0350012-002-AC

4. **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.]

5. **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.]

Objectionable Odor, as defined by Rule 62-210.200, F.A.C., is any odor present in the outdoor atmosphere, which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-210.200(218), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

SPECIFIC CONDITIONS

6. **General Facility Wide Visible Emissions:** 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.

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

7. **Unconfined Particulate Matter Emissions:** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, 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.

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

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

8. **HCl Emissions:** HCl emissions shall be determined by data recordkeeping and calculations. Compliance shall be demonstrated by maintaining the data required in Specific Condition 9.

REPORTING AND RECORDKEEPING REQUIREMENTS

9. **Recordkeeping:** A 12-month rolling total of the data and calculations specified below shall be recorded and kept available for Department inspection:

Quantity	
Gallons of HCl repackaged (Determined from plant inventory files)	
Emissions Factors	
Density of Material (Pounds per Gallon)	<ul style="list-style-type: none">• Constituent Factor (Percentage by Weight)• Any Other Factor Necessary to Determine Emissions Into Air
Emissions	
Total Cumulative Emissions (Determined from a Monthly Rolling Average of HCl Emissions)	

NOTE: Emissions Factors and Emissions Calculation Methods shall be consistent with those used in Air Construction Permit No. 0350012-002-AC