



Florida Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Hershel T. Vinyard Jr.
Secretary

Sent by Electronic Mail – Received Receipt Requested

PERMITTEE

The Crom Corporation
250 SW 36th Terrace
Gainesville, Florida 32607

Authorized Representative:
Gene Roane, Plant Manager

Permit Number: 0010124-003-AF
Permit Expires: March 16, 2016

The Crom Job Servicing Division/
Crom Equipment Rental
FESOP Renewal

This is the final Federally Enforceable State Operation Permit, which authorizes the renewal of The Crom Job Servicing Division/ Crom Equipment Rental site, which manufactures large prestressed concrete tanks designed and built for water and wastewater usage and construction of small fiberglass components for the tanks (i.e. hatch covers, vent covers, ladders and etc.). (Standard Industrial Classification No. 1542). The facility is located in Alachua County at 6801 SW Archer Road, Gainesville, Florida. The UTM coordinates are Zone 17, 363.20 km East, and 3275.4 km North.

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.).

AIR OPERATING PERMIT

The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. 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.

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



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

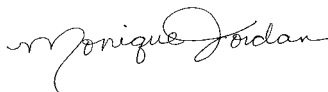
CERTIFICATE OF SERVICE

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 March 16, 2011 to the persons listed below.

Gene Roane, Plant Manager- The Crom Corporation (gpr@cromcorp.com)
Bob Baker, P. E. -Baker Environmental Engineering, Inc. (baker@atlantic.net)

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)

3/16/2011
(Date)

The Crom Corporation
The Crom Job Servicing Division/ Crom Equipment Rental

Permit Number: 0010124-003-AF
FESOP Renewal

FACILITY AND PROJECT DESCRIPTION

Existing Facility

For the renewal Federally Enforceable State Operation Permit. The facility has requested a facility-wide Styrene emissions cap of less than 10 tons per year and an emissions cap of less than 25 tons per year of Hazardous Air Pollutants (HAPs). This cap will be based on a production throughput limit of 160,000 pounds per year of gelcoats and resins. This facility manufactures large prestressed concrete tanks designed and built for water and wastewater usage and construction of small fiberglass components for the tanks (i.e. hatch covers, vent covers, ladders and etc.).

The Emissions Units are as follows:

Emission Unit No.	Description
001	Equipment Painting
002	Sandblasting
003	Fiberglass Shop

Facility Regulatory Classification

- The facility 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 (FINAL)

1. Permitting Authority: The permitting authority for this project is the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Northeast District Office, Florida Department of Environmental Protection (Department). The mailing address is 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590. All documents related to applications for permits to operate an emissions unit shall be submitted to this District office.
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;
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.]
7. Application for Non Title V Permit Renewal: This permit authorizes operation of the permitted emissions units. The permittee shall apply for a Non-Title V air operation permit renewal (DEP Form No. 62-210.900(4), F.A.C.) at least 60 days prior to expiration of this permit. To apply for a Non-Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority. [Rules 62-4.030, 62-4.050, 62-4.220, F.A.C.]
8. Any revision(s) to a permit (and application) must be submitted to the Department, in writing, and approved by the Department prior to implementation.
9. The I.D. No. and Project name for this source shall be used on all correspondence.

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

This section of the permit addresses the following emissions unit.

Emission Unit No.	Description
001	Equipment Painting
002	Sandblasting
003	Fiberglass Shop

This emissions unit is subject to the requirements of Rule 62-296.320, F.A.C.

PERFORMANCE RESTRICTIONS

- Hours of 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.]
- Permitted Capacity.** The maximum operating rate is listed in the **table(s) below** and shall not be exceeded without prior Department approval.

Emission Unit	Description	Throughput	
003	Fiberglass Shop	160,000 lbs/year Gelcoat and Resin	Note (1)

Note (1) Emissions cap requested by applicant to become a synthetic non-Title V Source.

- Permitted Maximum Emissions Rate.** The maximum emissions rates are listed in the **table(s) below** and shall not be exceeded without prior Department approval.

POLLUTANT	EMISSION RATE Tons per year	
Each Individual HAP	8.45	NOTE (1) and (2)
Total HAP Emissions	24.9	NOTES (1) and (2)
VOC Emissions	44.22	NOTES (1) and (2)

NOTE (1) Basis: Material usage rate; Material density; Constituent Factor (% by weight):

Each Individual HAP = $[(0.714 \times \% \text{styrene}) - 0.18] \times 2,000 = \text{lb/ton HAP}$

Each Individual HAP = $[(0.169 \times \% \text{styrene})] \times 2,000 = \text{lb/ton HAP}$ (Styrene content of less than 33%)

Total HAP Emissions = $[(0.714 \times \% \text{styrene}) - 0.18] \times 2,000 = \text{lb/ton HAP}$

NOTE (2) Emissions cap requested by applicant to become a synthetic non-Title V Source.

[Permit Application received February 21, 2006; Permit Application received February 9, 2011]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

4. **General Visible Emissions Standard (Facility-Wide).** This facility is subject to attached APPENDIX C, SECTION 4. Common Condition NO. 8.

5. **Material Safety Data Sheets.** The vendor information or Material Safety Data Sheets containing the VOC and HAP Contents for each material used must be available upon inspection of the facility. The VOC Content and HAP Content values for each material are used in calculation of emission limits in **Specific Condition 2.** .

[Rule 62-210.300(2)(b), F.A.C.]

6. Compliance with **Specific Condition Nos. 2 and 3** shall be determined by recording and maintaining the following data:

Quantity	
• Gallons of Material Used (Gelcoat and Resin)	
Emissions Factors	
• Density of Material (Pounds per Gallon)	• Constituent Factor (Percent by Weight Emitted)
Emissions	
• Total Cumulative Emissions in Tons (Determined from 12- Month Rolling Average VOC and HAP Emissions)	

NOTE: Emissions Factors and Emissions Calculation Methods shall be consistent with those used in the permit application and/or modification requests.

7. The Permittee will submit to the Department with the Annual Operating Report: the documentation required in **Specific Condition Number 5**; a report containing the data required in **Specific Condition Number 6**; and a copy of the monthly facility usage logs (emissions records).

8. The Permittee will regularly review the cumulative 12-month rolling average emissions of VOC and each HAP, and compare them to the limitations stated in **Specific Condition 2 and 3** in order to verify compliance. This review will also enable the Permittee to operate equipment, vary production rates and schedules, and make operating adjustments in a manner that is consistent with meeting the limitations stated in **Specific Condition 2 and condition 3.**

9. This facility is subject to procedures to minimize VOC emissions shall include, but not be limited to the requirements of attached APPENDIX C, SECTION 4., **Common Condition NO. 6.**

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

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS (FINAL)

10. **Objectionable Odor.** This facility is subject to the requirements of attached APPENDIX C, SECTION 4., Common Condition NO. 7.

[Rule 62-296.320(2), F.A.C., Objectionable Odor Prohibited; and Rule 62-210.200(214), F.A.C., Definitions-Objectionable Odor]

11. **Annual Operation Report.** This facility is subject to the requirements of attached APPENDIX C, SECTION 4., Common Condition No. 11.c(1)

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

12. **Unconfined Emissions of Particulate Matter.** This facility is subject to the Unconfined Emissions of Particulate Matter requirements of attached APPENDIX C, SECTION 4., Common Condition 9.
[Rule 62-296.320(4)(c), F.A.C.]

13. **Special Compliance Tests.** This facility is subject to the Special Compliance Tests requirements of SECTION 4. APPENDIX D, Common Condition No. 4.b.

[Rule 62-297.310(7)(b), F.A.C.]