Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

FINAL PERMIT

PERMITTEE

Charlotte Pipe & Foundry Company
Plastics Division
4210 Old Monroe Highway
Monroe, North Carolina 28110

Authorized Representative:
Mr. C. Leon Salter, Jr., Senior Vice President

Air Permit No. 1190030-012-AF
Permit Expires: 3/2/2017
Site Name : Charlotte Pipe & Foundry
Federally Enforceable State Operating Permit (FESOP)
Project Name: Operation Permit Renewal

This is the final air operation permit which renews FESOP No. 1190030-011-AF for a polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extruding operation. The work is conducted at the Charlotte Pipe and Foundry Company Plastic Divisions's Wildwood, Florida facility (Standard Industrial Classification No. 3084). The facility is located in Sumter County at 4149 CR 124A, Wildwood, Florida. The UTM coordinates are Zone 17, 399.25 km East, and 3196.88 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements and Facility-wide Specific Conditions

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

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of final permit. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of final permit, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall 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 of the Florida Administrative Code.

All petitions filed under these rules shall contain:

(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 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 when and how the petitioner received notice of the agency decision;
(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, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; 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 Department'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 of the Florida Administrative Code.

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 Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

_____ _____

Robert C. Wong Effective Date
District Air Program Administrator
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) 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 _____ to the persons listed below.

Mr. C. Leon Salter, Jr, Charlotte Pipe & Foundry Company (lsalter@charlottepipe.com)
Ms. Jennifer Garvon, P.E., Aware Environmental Company (jennifer_garvon@awareenvironmental.com)
Mr. James Neubauer, Charlotte Pipe & Foundry Company (jneubauer@charlottepipe.com
Mr. James Young, Charlotte Pipe & Foundry Company (jyoung@charlottepipe.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)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The existing facility carries out the polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extruding operation with a total maximum production throughput rate of 70,000 tons/year [60,000 tons of PVC and 10,000 tons of CPVC]. The facility's pipe extruding operations consists of vacuum railcar unloaders with a central PVC railcar filter receiver, one (1) CPVC vacuum railcar unloading system, pneumatic conveyors, six (6) PVC storage silos (each with a cartridge filter), one (1) CPVC storage silo (with a cartridge filter), eleven (11) PVC hopper receivers feeding eleven (11) PVC extruders, two (2) scrap grinders [one (1) PVC and one (1) CPVC], pulverizer receiver, pulverized material hopper receiver, three (3) Day Bins, two (2) Blenders with four (4) receivers, two (2) CPVC extruder hopper receiver, two (2) CPVC extruders, compounder resin scale hopper, compounder microingredient receiver, compounder calcium carbonate receiver, microingredient units, compounder hot mixer and compounder cooler. The facility's Inkjet printing operation consists of up to twenty three (23) Imaje – Model JAIME 100S8 inkjet printer or equivalent thereof. The printers are used to print bar codes and specification information on manufactured PVC and CPVC pipe. This process and related activities can result in uncontrolled emissions of hazardous air pollutants (HAPs) and/or volatile organic compounds (VOCs).

Note: The facility is currently using eighteen (18) Imaje inkjet printers.

The existing facility consists of the following emissions units.

Facility ID No. 1190030	
ID No.	Emission Unit Description
002	PVC Storage Silos (6)
007	CPVC Storage Silo (1)
009	Inkjet Printing

NOTE: *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

Emission sources with emission points and control devices under each emission unit are provided in the table below:

FACILITY EMISSION SOURCE INFORMATION				
Emission Unit ID #	**Emission Source ID #**	**Emission Source Description**	**Control Device**	**Emission Point ID #**
001*	ES-01	PVC/CPVC Railcar Unloading	Cartridge Filter	EP-01
002	ES-02	PVC Storage Silo 2	Cartridge Filter	EP-02
002	ES-03	PVC Storage Silo 3	Cartridge Filter	EP-03

002	ES-04	PVC Storage Silo 4	Cartridge Filter	EP-04
002	ES-05	PVC Storage Silo 5	Cartridge Filter	EP-05
002	ES-06	PVC Storage Silo 6	Cartridge Filter	EP-06
002	ES-07	PVC Resin Storage Silo 7	Cartridge Filter	EP-07
004*	ES-16	Extruder Hopper Receiver 1A	Bagfilter	EP-10
004*	ES-17	Extruder Hopper Receiver 1B	Bagfilter	EP-10
004*	ES-18	Extruder Hopper Receiver 2A	Cartridge Filter	EP-11
004*	ES-19	Extruder Hopper Receiver 2B	Cartridge Filter	EP-11
004*	ES-20	Extruder Hopper Receiver 3A	Cartridge Filter	EP-12
004*	ES-21	Extruder Hopper Receiver 3B	Cartridge Filter	EP-12
004*	ES-22	Extruder Hopper Receiver 4	Cartridge Filter	EP-13
004*	ES-23	Extruder Hopper Receiver 5	Cartridge Filter	EP-14
004*	ES-24	Extruder Hopper Receiver 6	Cartridge Filter	EP-15
004*	ES-35	Extruder Hopper Receiver 7	Bagfilter	EP-23
004*	ES-40	Extruder Hopper Receiver 10	Bagfilter	EP-28
005*	ES-25	Scrap Grinder Receiver	Bagfilter	EP-16
005*	ES-26	Pulverizer Receiver	Cartridge Filter	EP-17
005*	ES-27	Pulverized Material Hopper Receiver	Cartridge Filter	EP-18
005*	ES-28	Day Bin 1	Cartridge Filter	EP-17
005*	ES-29	Day Bin 2	Cartridge Filter	EP-19
005*	ES-30	Day Bin 3	Cartridge Filter	EP-20
005*	ES-31	Blender 1 Virgin Receiver	Cartridge Filter	EP-21
005*	ES-32	Blender 1 Pulverized Receiver	Cartridge Filter	EP-21
005*	ES-33	Blender 2 Virgin Receiver	Cartridge Filter	EP-22
005*	ES-34	Blender 2 Pulverized Receiver	Cartridge Filter	EP-22
005*	ES-38	CPVC Scrap Grinder Receiver	Polyester Filter	EP-26
006*	ES-08	Compounder Resin Scale Hopper	Cartridge Filter	EP-08
006*	ES-09	Compounder Microingredient Receiver	Cartridge Filter	EP-09
006*	ES-10	Compounder CaCO3 Receiver	Cartridge Filter	EP-09
006*	ES-11	Microingredient Units (7 units)	Cartridge Filter	EP-08
006*	ES-12	Compounder Hot Mixer	Cartridge Filter	EP-08
006*	ES-13	Double Batch Hopper	Cartridge Filter	EP-08
006*	ES-14	Compounder Cooler	Cartridge Filter	EP-08
006*	ES-15	Takeaway Hopper	Cartridge Filter	EP-08
007	ES-36	CPVC Storage Silo	Cartridge Filter	EP-24
008*	ES-37	CPVC Extruder and Hopper Receiver 8	Bagfilter	EP-25
008*	ES-39	CPVC Extruder and Hopper Receiver 9	Bagfilter	EP-27
009	F-01	23 Inkjet Printers	Uncontrolled	F-01

*In accordance with Rule 62-210.300(3)(b)1., F.A.C., these emission units are covered under exempt emission units/activities as shown below.

Exempt Emissions Units/Activities

The following pollutant-emitting activities are exempt from air permitting in accordance with Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption):

Emission Unit ID No. 001	Railcar unloading central filter receiver for PVC (1).
Emission Unit ID No. 004	Eleven (11) PVC hopper receivers feeding eleven (11) PVC extruders.
Emission Unit ID No. 005	Two (2) scrap grinders [one (1) PVC and one (1) CPVC], pulverizer receivers, day bin and blender receivers.
Emission Unit ID No. 006	Compounder resin scale hopper, microingredient receiver, calcium carbonate receiver, compounder hot mixer and cooler.
Emission Unit ID No. 008	Two (2) CPVC hopper receivers and two (2) CPVC extruders.

{***Permitting Note***: *Emissions from E.U. Nos. 001, 004, 005, 006 and 008 vent indoors.*}

Grainger portable sandblaster model 6ZA38 with a hopper capacity of 80 pounds. The sandblaster will require an 80 psi air supply and will have a flow of 9 cfm when using a 3/32 inch nozzle or 11 cfm when using a 7/64 inch nozzle. The sandblaster will only be operated inside a facility building and inside an enclosure.

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 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic non-Title V source for the pollutants volatile organic compound (VOC) and hazardous air pollutants (HAPs).

PERMIT HISTORY/AFFECTED PERMITS

This operation permit renewal replaces Operation Permit No. 1190030-011-AF.

SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (FINAL)

1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

   Florida Department of Environmental Protection
   Southwest District Office
   Air Resource Management Section
   13051 North Telecom Parkway
   Temple Terrace, Florida 33637-0926
   Telephone: 813-632-7600

   All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District Office's Air Resource Management Section (see above mailing address and phone number).

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. General Pollutant Emissions Limiting Standards: Unconfined Emissions of Particulate Matter (PM): In addition to complying with the Appendix C, Condition No. 9 (attached), the facility shall comply with, but not limited to the following:

   All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but are not limited to the following:

   a. Paved parking and trafficked areas shall be maintained and kept free of particulate matter build-up.
   b. Sprinkling with water shall be used as necessary on paved and unpaved areas.

[Rules 62-4.070(3) and 62-296.320(4)(c), F.A.C.; Construction Permit No. 1190030-010-AC]

7. Fugitive Emissions Opacity Standard - In order to provide reasonable assurance that the precautions and practices taken at the facility are adequate; emissions of unconfined particulate matter from all sources of unconfined particulate matter should not exceed 5% opacity. If the 5% opacity (indicator value) is exceeded, it will not be a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined in Condition No. 6 may be necessary.
   [Rule 62-4.070(3), F.A.C. and Construction Permit No. 1190030-010-AC]

8. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
   [Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

9. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
   [Rule 62-210.370(3), F.A.C.]

10. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:

    a. the appropriate permit application form (see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/);

    b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;

    c. copies of the most recent compliance test reports required by Specific Condition No. A.7., if not previously submitted;

    d. copies of the most recent month of records/logs specified in Specific Condition Nos. A.8., B.3., and C.3.

    [Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

A. E.U. No. 002 – PVC Storage Silos (6); E.U. No. 007 – CPVC Storage Silo (1)

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
002, 007	The facility's pipe extruding operation includes, but not limited to six (6) PVC storage silos (each with a cartridge filter) and one (1) CPVC Storage Silo (with a cartridge filter). Particulate matter (PM) emissions from the emission units are controlled by either bag filters, cartridge filters, or polyester filters each with a minimum collection efficiency of 99%. The following exempt activities are associated with the pipe extruding operation. Vacuum railcar unloaders with a central PVC railcar filter receiver and one (1) CPVC vacuum railcar unloader are used for unloading materials from the railcars to respective material silos. Powdered polymer is vacuum-unloaded from railcar to filter receivers and then moved to the regulated storage silos via pressurized pneumatic conveyor pipes. Stored material is moved by vacuum to each extruder feed hopper, where pipe is extruded. Off-specification pipe is ground, dumped into hoppers, and sent to recycled material silos for use as raw material.

PERFORMANCE RESTRICTIONS

A.1. Silo Loading Rate – The storage silo loading rates shall not exceed the values below, based on a daily average:

Emission Unit ID Number	Emission Source Description	Maximum Unit Loading Rate (lbs./hr.)
002	PVC Storage Silo 2	16,000
002	PVC Storage Silo 3	13,000
002	PVC Storage Silo 4	15,000
002	PVC Storage Silo 5	15,000
002	PVC Storage Silo 6	13,000
002	PVC Resin Storage Silo 7	15,000
007	CPVC Storage Silo (1)	3,500

[FESOP No. 1190030-011-AF; Correspondence from R. Sumrall dated 1/2/2007]

EMISSIONS STANDARDS

A.2. General Visible Emissions (VE) Standard: Visible Emissions from these emission units shall not be equal to or greater than 20% opacity.
[Rule 62-296.320(4)(b)(1), F.A.C.]

TESTING REQUIREMENTS

A.3. Visible Emissions (VE) Tests: Test emissions from the six (6) PVC storage silos (E.U. No. 002, Emission Point Nos. EP 02 – EP 07), and the CPVC storage silo (E.U. No. 007, Emission Point No. EP 24) during each federal fiscal year (October 1st to September 30th), to demonstrate compliance with the emissions standards for pollutants.
[Rule 62-297.310, F.A.C.]

A.4. Test Requirements: Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310, F.A.C.]

A.5. Test Method(s): Required tests shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources.

The above method is described in Appendix A of 40 CFR 60 and is adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

A.6. Test Notification: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. 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 the telephone number of the person conducting the test.
[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]
{*Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.*}

RECORDS AND REPORTS

A.7. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(8), F.A.C.]

A.8. Daily Log:

After the effective date of this permit, if a silo is tested at less than 90% of its associated maximum loading rate, record the following for that silo; until such time as the most recent silo test, that demonstrates compliance, is performed at 90–100% of its associated maximum silo loading rate:

a. Tons of materials loaded into silo.
b. Hours of silo loading.
c. Daily average silo loading in pounds/hour.

[Rule 62-4.070(3), F.A.C.; FESOP No. 1190030-011-AF]

B. E.U. No. 009 – Inkjet Printers

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
009	The facility's Inkjet printing operation consists of up to twenty three (23) Imaje - Model JAIME 100S8 inkjet printer or equivalent thereof. The printers are used to print bar codes and specification information on manufactured PVC and CPVC pipe. This process and related activities can result in uncontrolled emissions of hazardous air pollutants (HAPs) and/or volatile organic compounds (VOCs).

EMISSIONS STANDARDS

B.1. VOC/HAP Emission Limits – To establish the facility as a Synthetic Minor Non-Title V Source of volatile organic compound (VOC) and hazardous air pollutant (HAP)(as defined in Rule 62-210.200, FAC) emissions, the following emissions limits shall apply:

a. Total VOC emissions shall not exceed 15.0 tons in any consecutive, 12-month period.
b. Total HAP emissions shall not exceed 15.0 tons in any consecutive, 12-month period.
c. Individual HAP emissions shall not exceed 9.9 tons in any consecutive, 12-month period.

[Rule 62-210.200, F.A.C., Definitions - (PTE); Construction Permit No. 1190030-010-AC]

B.2. General Pollutant Emission Limiting Standards: Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions . In addition to complying with the Appendix C, Condition No. 6 (attached), the facility shall comply with, but not limited to the following:

a. Equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such manner as to minimize leaks, fugitive emissions & spills of solvent materials.
b. All VOC/OS from washings (equipment clean-up) shall be directed into containers that prevent evaporation into the atmosphere.
c. Tightly cover or close all VOC containers when they are not in use.
d. Prevent excessive air turbulence across exposed VOCs.
e. 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)(a), F.A.C.; Construction Permit No. 1190030-010-AC]

RECORDKEEPING REQUIREMENTS

B.3. Monthly – Record the most recent consecutive 12-month total of the following:

a. The total quantity (in gallons) of each VOC and/or HAP containing material used in the inkjet printing process and the PVC/CPVC pipe production process for the month;

b. The calculated (based upon material VOC and/or HAP content) monthly total VOC, individual HAP and total HAP (in pounds or tons per month based on a. above)

emission rates; and,

c. The cumulative total (in tons/year) VOC, individual HAP and total HAP emission rates for the most recent consecutive twelve (12) month period.

[Rule 62-4.070(3), F.A.C.; FESOP No. 1190030-011-AF]

{Note – If the cumulative previous 12-month total of any individual HAP emission is greater than 9.0 tons, the permittee shall implement daily recordkeeping for only that individual HAP. The daily record shall contain the emissions, in tons, for each day. The total daily values for the month shall then be added to the previous 11-month period total emissions for the associated individual HAP. The daily recordkeeping shall remain in effect until the previous 12-month period total for that individual HAP is less than 9.0 tons.}

B.4. Documentation – Records of all calculations and supporting documentation (MSDS sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) for the VOC/HAP records required by Specific Condition No. B.3., which shall include sufficient information to determine VOC and HAP emissions, shall also be kept. At the permittee's option, "quantity purchased" may be reported to satisfy the requirement of "quantity used" provided all materials used are purchased except when daily recordkeeping is required.
[FESOP No. 1190030-011-AF]

PERFORMANCE RESTRICTIONS

C.1. Permitted Capacity –

Production Rate - The production rate of PVC or CPVC pipe extruding operation shall not exceed 12.5 tons/hour each on a daily average production basis (where "daily average production" is the total tons produced daily divided by the actual hours of operation). The facility's total maximum production rate of PVC and CPVC material shall not exceed 70,000 tons [60,000 tons of PVC and 10,000 tons of CPVC] in any consecutive twelve (12) month period.
[FESOP No. 1190030-011-AF; Correspondence from R. Sumrall dated 1/2/2007]

C.2. Operating Hours - The hours of operation are not limited (i.e., permitted for 8760 hours per year).
[Construction Permit No. 1190030-010-AC]

C.3. VOC/HAP Records **-** In order to document compliance with the Specific Condition No. C.1., the facility, at a minimum, shall maintain the following:

Daily – Record the following, to determine production rate:

a. Tons of PVC pipe produced.
b. Tons of CPVC pipe produced.
c. Hours of PVC pipe production.
d. Hours of CPVC pipe production.
e. Daily average of PVC pipe production in tons/hour.
f. Daily average of CPVC pipe production in tons/hour.

[Rule 62-4.070(3), F.A.C.; FESOP No. 1190030-011-AF]
***{Note:** Daily average production = (tons of pipe produced) / (actual hours of pipe production)}*

C.4. Records Retention: Daily records shall be completed within three (3) business days if applicable, and monthly records shall be completed by the 10th day of the following month. The logs shall be retained on file at this facility for at least three years, and be made available to the Department upon request.
[Rule 62-4.070(3), F.A.C.; FESOP No. 1190030-011-AF]