

Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Colleen M. Castille
Secretary

NOTICE OF INTENT TO ISSUE PERMIT

CERTIFIED MAIL

In the Matter of an Application
for Permit by:

DEP File No.: 1190030-008-AC
County: Sumter

Mr. Reese Sumrall, Jr., Owner/Authorized Representative
Charlotte Pipe and Foundry Company - Plastics Division
4210 Old Charlotte Highway
Monroe, NC 28110

The Department of Environmental Protection gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Charlotte Pipe and Foundry Company, applied on June 9, 2005 to the Department of Environmental Protection for the construction modification of a polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extrusion facility located at County Road 124A, Wildwood, Sumter County. Specifically, the modifications are as follows: A. Increase the maximum PVC/CPVC production throughput rate from 42,500 tons per year to 70,000 tons per year and B. Add the existing and previously unpermitted inkjet printing operations. This permit is issued pursuant to Section 403.087, Florida Statutes (F.S.).

The Department has permitting jurisdiction under Section 403.087, F.S. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

The Department intends to issue this permit based on the belief reasonable assurances have been provided to indicate the proposed project will comply with the appropriate provisions of Florida Administrative Code (F.A.C.) Chapters 62-204 through 62-297 & 62-4.

Pursuant to Section 403.815, F.S., and Rule 62-110.106, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice will be published one time only within thirty (30) days of receipt of this Intent to Issue, in the legal ad section of a newspaper of general circulation in the area affected. For the purposes of this rule "publication in a newspaper of general circulation in the affected area" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with

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significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address

or telephone number listed above. The applicant shall provide proof of publication to the Department, at 3804 Coconut Palm Drive, Tampa Florida 33619 within 7 days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

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 intent. 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 intent, 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.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (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 how and when petitioner received notice of the agency action or proposed action;

- (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; 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

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.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c);
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the

purpose of the underlying statute will be or has been achieved by other means by the petitioner.

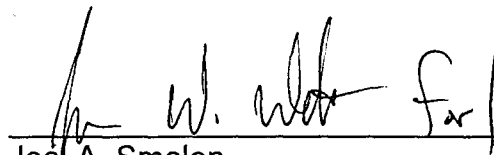
Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of EPA and by the person under the Clean Air Act unless and until Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Any person listed below may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, and all other materials available to the Department that are relevant to the permit decision.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE A CONSTRUCTION PERMIT." Written comments should be provided to the Southwest District office of the Department at 3804 Coconut Palm Drive, Tampa Florida 33619 to the attention of Mr. Jason Waters, P.E. (phone no. 813-744-6100 ext. 107) referencing Permit File No. 1190030-008-AC. All comments received within fourteen (14) days of receipt of this Intent to Issue will be considered in the Department's final determination. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Joel A. Smolen
Acting District Air Program Administrator
Southwest District

JAS/jgz
Attachment

copy to:

Mr. Edward C. Fiss, Jr., P.E., Aware Environmental® Inc., 9305 Monroe Road Suite J,
Charlotte, NC, 28270.

Ms. Gracy Danois, U.S. E.P.A. – Region 4, Atlanta Federal Center, 61 Forsyth Street,
Atlanta, Georgia 30303-3104.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE was sent to the addressee by certified mail and all copies were mailed by regular mail before the close of business on AUG 10 2005 to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

AUG 10 2005
Date

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage \$	Postmark Here
Certified Fee	
Return Receipt Fee (Endorsement)	
Restricted (Endorsement)	Mr. Reese Sumrall, Jr. Charlotte Pipe & Foundry Co, Plastics Div 4210 Old Charlotte Highway Monroe, NC 28110
Total Post	
Sent To	1190030-008-AC JZ ITI 08/10/2005
Street, Apt. or PO Box	
City, State, ZIP+4	
PS Form 3800, June 2002	
See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Reese Sumrall, Jr.
Charlotte Pipe & Foundry Co, Plastics Div
4210 Old Charlotte Highway
Monroe, NC 28110

1190030-008-AC JZ ITI 08/10/2005

COMPLETE THIS SECTION ON DELIVERY

A. Signature <i>James Veit</i>		<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
B. Received by (Printed Name) <i>James Veit</i>	C. Date of Delivery <i>8-12-05</i>	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No		

E. Service Type	
<input checked="" type="checkbox"/> Certified Mail	<input type="checkbox"/> Express Mail
<input type="checkbox"/> Registered	<input checked="" type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Insured Mail	<input type="checkbox"/> C.O.D.
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

2. Article Number (Transfer from service label): 1190030-008-AC JZ ITI 08/10/2005 7002 3150 0003 8462 6539

UNITED STATES POSTAL SERVICE



First-Class Mail
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Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

STATE OF FLORIDA
Department of Environmental Protection
Air Program
8407 Laurel Fair Circle
Tampa, Florida 33610

TAMPA

AUG 15 2005

D.E.P.
SOUTHWEST DISTRICT

pp

610+7395



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue an air pollution permit (1190030-008-AC) to Charlotte Pipe and Foundry Company – Plastics Division for the construction modification of a polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extrusion facility located at County Road 124A in Wildwood, Sumter County. Specifically, the modifications are as follows: A. Increase the maximum PVC/CPVC production throughput rate from 42,500 tons per year to 70,000 tons per year and B. Add the existing and previously unpermitted inkjet printing operations. (APPLICANT MAILING ADDRESS: Charlotte Pipe and Foundry Company – Plastics Division, 4210 Old Charlotte Highway, Monroe, NC 28110 to the attention of Mr. Reese Sumrall, Jr., Owner/Authorized Representative.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

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, F.S. 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 (14) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen (14) 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, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (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 how and when petitioner received notice of the agency action or proposed action;
- (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; 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.

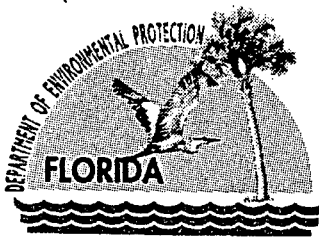
A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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 permit. 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.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 8407 Laurel Fair Circle, Suite 214, Tampa, Florida.

Any person may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, a copy of the permit draft, and all other materials available to the Department that are relevant to the permit decision. Additionally, the Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of "Public Notice of Intent to Issue Permit." Requests and written comments filed should be provided to the Florida Department of Environmental Protection at 3804 Coconut Palm Drive, Tampa, FL 33619 to the attention of Mr. Jason Waters, P.E. (phone no. 813-744-6100 ext. 107) referencing Permit File No. 1190030-008-AC. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.



Jeb Bush
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Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Colleen M. Castille
Secretary

PERMITTEE:

Charlotte Pipe and Foundry Company
Plastics Division
4210 Old Charlotte Hwy.
Monroe, NC 28110

DRAFT Permit No.: 1190030-008-AC

County: Sumter

Effective Date:

Expiration Date: 08/04/2006

Project: Increase PVC/CPVC
Pipe Production and Add Inkjet Printing

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-204, 62-210, 62-212, 62-213, 62-296, 62-297 & Chapter 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 Florida Department of Environmental Protection:

This permit is for the construction modification of a Synthetic Non-Title V polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extrusion facility. Specifically, the modifications are as follow:

- Increase the maximum production throughput rate of PVC and CPVC from 42,500 tons per year (TPY) [40,000 TPY of PVC and 2,500 TPY of CPVC] to 70,000 TPY [60,000 TPY of PVC and 10,000 TPY of CPVC].
- Add Emission Unit No. 009: Ink Jet Printing.

The pipe extruding operation 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 baghouse), one (1) CPVC storage silo (with a cartridge filter), ten (10) PVC hopper receivers feeding ten (10) 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, one (1) CPVC extruder hopper receiver, one (1) CPVC extruder, compounder resin scale hopper, compounder microingredient receiver, compounder calcium carbonate receiver, microingredient units, compounder hot mixer and compounder cooler. Powdered polymer is vacuum unloaded to a filter receiver and then moved to 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. Particulate emissions from emission points are controlled by either

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Printed on recycled paper.

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

bagfilters, cartridge filters, or polyester filters each with a minimum collection efficiency of 99%.

The inkjet printing process consists of twelve (12) Imaje – Model JAIME 100S8 inkjet printers and eleven (11) Video Jet – Model EXCEL 1701 inkjet printers. 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).

This permit will classify the facility as a Synthetic Non-Title V Source, based on the permittee's request that the maximum allowable emissions of total VOCs and total HAPs be established below the Title V permitting thresholds of Chapter 62-213, F.A.C.

THE AIR EMISSION UNITS AT THIS FACILITY ARE AS DESCRIBED BELOW:

Permitted Emission Units

Emission Unit ID No. 002 – PVC Storage Silos (6)
Emission Unit ID No. 007 – CPVC Storage Silo and Associated Vacuum Unloader Railcar System
Emission Unit ID No. 009 – Inkjet Printing

Un-permitted Emission Units*

Emission Unit ID No. 001 – Railcar unloading central receiver for PVC (1)
Emission Unit ID No. 004 – 10 PVC hopper receivers feeding 10 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 – 1 CPVC hopper receiver and one CPVC extruder

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 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

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

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
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 and Associated Vacuum Unloader Railcar System	Cartridge Filter	EP-24
008*	ES-37	CPVC Extruder and Hopper Receiver 8	Bagfilter	EP-25
009	F-01	23 Inkjet Printers	Uncontrolled	F-01

*In accordance with Rules 62-210.200(98) and 62-210.300, F.A.C. these emission units are not reasonably expected to emit pollutants to the atmosphere.

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

Rule Applicability Notes

Facility emissions are based on information and calculations submitted by the applicant and the expected continued operation of the emission sources, and associated equipment. This facility's potential emissions are below the major source emissions criteria as defined in Rule 62-210.200, F.A.C. for requiring a Title V permit. As a result, this facility is currently exempted from Title V permitting and is considered a Synthetic Minor Non-Title V Source.

Facility Information Summary

Location: County Road 124A, Wildwood, Sumter County

UTM Coordinates: Zone 17-399.0 East 3197.0 North

Latitude: 28°53'45" **Longitude:** 82°02'00"

Facility No.: 1190030

Permitted Emissions Unit (EU) ID Nos. and Descriptions:

002 – PVC Storage Silos (6)
007 – CPVC Railcar Vacuum Unloader/CPVC Compound Storage Silo.
009 – Inkjet Printing

NOTE: Please reference Permit No. and Emissions Unit ID in all correspondence, test report submittals, applications, etc.

Permit History

Modifies Permit No.: 1190030-007-AO

Specific Conditions

- 1. General Conditions** – A part of this permit is the attached 15 General Conditions.
[Rule 62-4.160, F.A.C.]
- 2. Other Requirements** – Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-204, 62-210, 62-212, 62-213, 62-296, 62-297 and 62-4, or any other requirements under federal, state or local law.
[Rule 62-210.300, F.A.C.]

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

Operation and Emission Limitations

3. Operating Hours – This facility is allowed to operate a maximum of 8,760 hours per year.
[Rule 62-210.200, F.A.C., Definitions-(PTE)]

4. Production Rate – The production rate of PVC or CPVC material from this facility shall not exceed 12.5 tons/hour (daily average production basis) each. 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.
[Rule 62-210.200, F.A.C., Definitions-(PTE) and Air Construction Permit Application Dated June 6, 2005]

5. VOC/HAP Emission Limits – As requested by the permittee 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, F.A.C.) emissions, the following emissions limits shall apply:

- A. Total VOC emissions shall not exceed 5.0 tons in any consecutive, 12-month period.
- B. Total HAP emissions shall not exceed 5.0 tons in any consecutive, 12-month period*.

*Based on the total HAP emissions limit, Individual HAP emissions cannot exceed Title V thresholds.

[Rule 62-210.200, F.A.C., Definitions-(PTE); Construction Permit Application Dated June 6, 2005]

6. Unconfined Emissions of Particulate Matter (PM) – 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.

{Permitting Note: If operating experience indicates that these reasonable precautions are not sufficient to control unconfined emissions, the Department or its designee reserves the right to require additional measures, such as recordkeeping for water truck gallons applied, etc.}

[Rules 62-4.070(3) and 62-296.320(4)(c), F.A.C.]

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

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 shall 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 Specific Condition No. 5 may be necessary.
[Rule 62-4.070(3), F.A.C.]

8. Objectionable Odor – The permittee shall not cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An objectionable odor 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.
[Rules 62-210.200, and 62-296.320(2), F.A.C.]

9. General Pollutant Emission Limiting Standards: Volatile Organic Compound (VOC)/Organic Solvents (OS) – The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. Work practices to minimize emissions shall include, but not be 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.

[Rules 62-4.070(3) & 62-296.320(1)(a), F.A.C.]

10. General Visible Emission (VE) Limit – Visible Emissions (VE) from this facility shall not be equal to or greater than 20% opacity.
[Rule 62-296.320(4)(b)(1), F.A.C.]

11. Circumvention – No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable control device operating properly. As an indicator that the baghouses are functioning properly, visible emissions from each baghouse shall not exceed 5% opacity. If this value is exceeded it will not be considered a violation in and of itself, but may indicate that additional control methods or procedures are necessary.
[Rule 62-4.070(3), 62-210.650, F.A.C.]

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

12. Operating Changes – Any proposed change to this source that will cause the limitations of this permit to be exceeded--such as design-parameter changes or an increase in emissions may be considered a modification and must be reported. The permittee shall notify the Air Permitting Section of this Office of any changes and receive written approval from this office of the changes prior to implementing the changes.

[Rules 62-4.070(3) and 62-210.200, Definitions – (Modification), F.A.C.]

Compliance Testing Requirements

13. Visible Emission (VE) Testing– Test emissions from the six (6) PVC storage silos (Emission Unit No. 002, Emission Point Nos. EP 02 – EP 07), and the CPVC storage silo and vacuum railcar unloading system (Emission Unit No. 007, Emission Point No. EP-24) for visible emissions annually between October 1 and September 30 (once per Federal fiscal year).

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

[Rule 62-297.310(7)(a), F.A.C. and Air Construction Permit Application Dated June 6, 2005]

14. Visible Emission (VE) Test Method – Compliance with the visible emission limitation of Specific Condition No. 8 shall be determined in accordance with DEP Method 9 as referenced in Rule 62-297, F.A.C. Each test shall be conducted by a certified observer and be a minimum of thirty (30) minutes in duration.

[Rules 62-297.310(4)(a)2 and 62-297.401(9)(c), F.A.C.]

15. Testing Notification – The owner or operator shall notify the Air Compliance Section of the Southwest District Office of the Department at least fifteen (15) days prior to the date on which each formal compliance test is to begin. The notification shall include, at a minimum, the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted.

[Rule 62-297.310(7)(a)9., F.A.C.]

16. Testing Rate – Testing of emissions shall be conducted within 90-100% of the maximum permitted material production rate (12.5 tons per hour for PVC or CPVC). A compliance test submitted at a rate less than 90% of the maximum permitted rate will automatically constitute an amended permit rate at that lesser rate plus 10%. Within thirty (30) days of that lower amended permitted material production rate being exceeded by more than ten (10%), a new compliance test shall be conducted at the higher rate. The test results shall be submitted to the Southwest District Office of the Department within forty-five (45) days of testing. Acceptance of the test by the Department will automatically constitute an amended permit at the higher tested rate plus 10%, but in no case shall the maximum permitted material production rate be exceeded.

[Rules 62-4.070(3) and 62-297.310(2), F.A.C.]

17. Required Equipment – The owner or operator of an emission unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine the process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of emissions units with applicable emission limiting standards. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within ten percent (10%) of its true value.
[Rule 62-297.310(5), F.A.C.]

18. 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)(b), F.A.C.]

Reporting and Recordkeeping

19. Operating Records – In order to document continued compliance with Specific Condition Nos. 4 and 5, the facility, at a minimum, shall maintain the following:

Daily – Record the following:

- A. Tons of PVC pipe produced.
- B. Tons of CPVC pipe produced.
- C. Hours of pipe production: 1) PVC 2) CPVC
- D. Daily average of PVC pipe production in tons/hour.
- E. Daily average of CPVC pipe production in tons/hour.

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

- A. Tons of PVC pipe produced, tons per consecutive 12-month period;
- B. Tons of CPVC pipe produced, tons per consecutive 12-month period;
- C. 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;
- D. The calculated (based upon material VOC and/or HAP content) monthly total VOC and total HAP (in pounds or tons per month based on C. above) emission rates; and
- E. The cumulative total (in tons/year) VOC and total HAP emission rates for the most recent consecutive twelve (12) month period.

(Continued)

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

19. Continued

Daily records shall be completed within three (3) business days and monthly records shall be completed by the 10th day of the following month.

[Rule 62-4.070(3), F.A.C.]

20. 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. 19, 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”.

[Rule 62-4.070(3), F.A.C.]

21. Records Retention – All records required by this permit shall be maintained at the facility for a minimum of three (3) years and be made available to the Department upon request.

[Rule 62-4.070(3), F.A.C.]

22. Records Submittal – Within 120 days of the effective date (see page 1) of this permit, the permittee shall submit to the Air Compliance Section of the Department's Southwest District Office a copy of the most recent month of records as required by Specific Condition No. 19.

[Rule 62-4.070(3), F.A.C.]

ANNUAL OPERATING REPORT (AOR)

23. AOR for Air Pollutant Emitting Facility – The permittee shall submit each calendar year on or before March 1, 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 Air Compliance section of the Southwest District of the Department.

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

Operation Permit

24. Modification of the Current Operation Permit – A completed application to modify the current operation permit (No. 1190030-007-AO) shall be submitted to the Air Permitting Program of the Southwest District Office of the Department within ninety (90) days of completed construction, but no later than 120 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the following:

(Continued)

Permittee:
Charlotte Pipe and Foundry Company

DRAFT Permit No.: 1190030-008-AC
Project: Increase PVC/CPVC
Production and Inkjet Printing

24. Continued

- A. The appropriate Department 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 application fee per Rule 62-4.050(4), F.A.C.;
- C. A copy of the most recent VE test report for all subject baghouses in the facility (Special Condition No. 13);
- D. A copy of the operation records for the most recent month of operation (Specific Condition No. 19).

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

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Joel A. Smolen
Acting District Air Program Administrator
Southwest District

DRAFT

ATTACHMENT - 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 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.). The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these 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), F.S., 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 this permit.

4. Not applicable to Air Permits.

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 permittee 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, are 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 reasonable times, access to the premises where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under conditions of the permit;

GENERAL CONDITIONS:

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 reasonable necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

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 noncompliance; and

b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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 Section 403.111 and 403.73, F.S. 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 Rule 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.

DRAFT

GENERAL CONDITIONS:

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)

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:

1. the date, exact place, and time of sampling or measurements;
2. the person responsible for performing the sampling or measurements;
3. the dates analyses were performed;
4. the person responsible for performing the analyses;
5. the analytical techniques or methods used;
6. 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 the 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.

16. Not applicable to Air Permits.

17. Not applicable to Air Permits.

MEMORANDUM

TO: Joel A. Smolen
Acting District Air Program Administrator

DATE: 09/15/2005

THROUGH: Jason Waters, P.E.
Air Permitting Supervisor

FROM: Jose G. Zornitta
Engineering Specialist III

SUBJECT: Company: Charlotte Pipe and Foundry Company
Permit No: 1190030-008-AO Final Issuance
County: Sumter
Project: Increase PVC/CPVC Pipe Production and add Inkjet
Printing
Date Public Notice Received by the Department: 09/12/2005

The Intent to Issue Public Notice for the above permit was published on August 31, 2005. I have reviewed the proof of publication and verified that the correct notice was published.


I recommend issuance of this final permit, which is identical to the draft permit approved by this office as part of the Notice of Intent package.

MEMORANDUM

TO: Joel A. Smolen
Acting District Air Program Administrator

DATE: 09/14/2005

THROUGH: Jason Waters, P.E.
Air Permitting Supervisor

FROM: Jose G. Zornitta 
Engineering Specialist III

SUBJECT: Company: Charlotte Pipe and Foundry Company
Permit No: 1190030-008-AO Final Issuance
County: Sumter
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I recommend issuance of this final permit, which is identical to the draft permit approved by this office as part of the Notice of Intent package.

Affidavit of Publication The Daily Commercial

Leesburg, Lake County, Florida

Case No. 1190030-008-AC

STATE OF FLORIDA
COUNTY OF LAKE

Before the undersigned authority personally appeared Alan Ferguson who on oath says that he is the Advertising Director of The Daily Commercial, a daily newspaper published at Leesburg in Lake County, Florida, that the attached copy of advertisement, being

Ad # 01512448
in the matter of Notice of Intent to
Issue Permit
in the _____ Court,

was inserted in said newspaper in the issues of August 31, 2005

Affiant further says that the said Daily Commercial is a newspaper published in said Leesburg, in said Lake County, Florida, and that the said newspaper has heretofore been continuously published in said Lake County, Florida each day and has been entered as second class matter at the post office in Leesburg in said Lake County, Florida, for a period of one year preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in said newspaper.

Signed

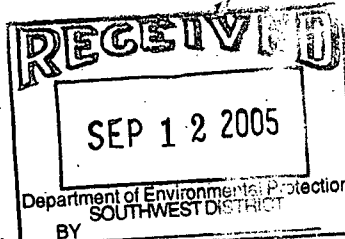
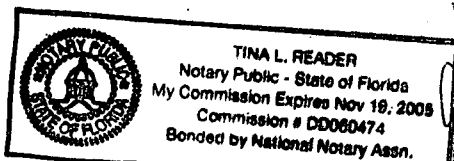
Alan Ferguson
Alan Ferguson, Advertising Director

Sworn to and subscribed before me this 1 day of September, 2005, by Alan Ferguson,

Advertising Director, who is personally known to me.

(Seal)

Tina L. Reader
Tina L. Reader, Notary Public



Attach Notice Here

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue an air pollution permit (1190030-008-AC) to Charlotte Pipe and Foundry Company - Plastics Division for the construction modification of a polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (CPVC) pipe extrusion facility, located at County Road 124A in Wildwood, Sumter County. Specifically, the modification are as follows: A. Increase the maximum PVC/CPVC production throughput rate from 42,500 tons per year to 70,000 tons per year and B. Add the existing and previously unpermitted inkjet printing operations. (APPLICANT MAILING ADDRESS: Charlotte Pipe and Foundry Company - Plastics Division, 4210 Old Charlotte Highway, Monroe, NC 28110 to the attention of Mr. Reese Sumrall, Jr., Owner/Authorized Representative.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

- The name and address of each agency affected and each agency's file or identification number, if known;
- The name, address, and telephone number of the petitioner, the name, address, 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;
- A statement of how and when petitioner received notice of the agency action or proposed action;
- A statement of all disputed issues of material fact.

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, F.S. 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 (14) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen (14) 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, F.A.C. A petition that disputes the material facts on which the Department's action is based must contain the following information:

- If there are none, the petition must so indicate;
- 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;
 - A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and
 - 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, F.A.C. 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 permit. 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. become a party to the proceeding with the requirements set forth above. Mediation is not available in this proceeding. The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at 8407 Laurel Fair Circle, Suite 214, Tampa, Florida. Any person may request to obtain additional information, a copy of the application (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), all relevant supporting materials, a copy of the permit draft, and all other materials available to the Department that are relevant to the permit decision. Additionally, the Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of "Public Notice of Intent to Issue Permit" requests and written comments filed should be provided to the Florida Department of Environmental Protection at 3804 Coastal Protection Drive, Tampa, FL 33619 to the attention of Mr. Jason Waters, P.E. (Phone no. 813-744-6100 ext. 107) referencing Permit File No. 1190030.008-AC. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

No.: 01512448
August 31, 2005



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Colleen M. Castille
Secretary

P.E. CERTIFICATION STATEMENT

PERMITTEE

Charlotte Pipe and Foundry

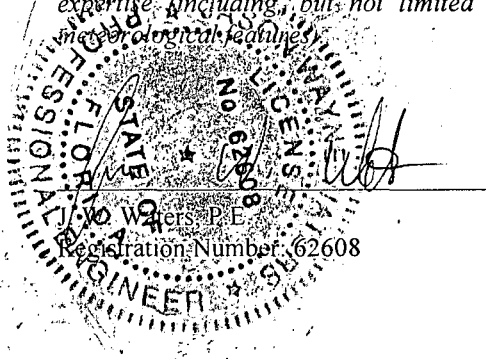
Draft Air Permit No. 1190030-008-AC

Permit Modification: PVC Pipe Mfg.

PROJECT DESCRIPTION

This is an after-the-fact construction permit for the inkjet printing and a construction permit for an increase in PVC and CPVC pipe production. The facility has material handling (unloading), extrusion, grinding, blending, and compounding operations. Particulate emissions are controlled by baghouses. The VOC/HAP emissions are uncontrolled. The facility is a synthetic minor source of HAP and PM.

I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and material features).



8/5/2005
(Date)

TO: Joel A. Smolen
District Air Engineer

DATE: 08/05/2005

Through: Jason Waters, P.E. 
Air Permitting Supervisor

FROM: Jose Zornitta 
Engineering Specialist 

Company: Charlotte Pipe and Foundry Company

Permit No: 1190030-008-AC Intent to Issue

County: Sumter

Project: Increase PVC/CPVC Pipe Production and Add Inkjet Printing

Default Date (Day 90): 09/07/05

On 06/09/2005, the Department received an application from Charlotte Pipe and Foundry Company for the construction modification the PVC/CPVC pipe extrusion facility located in Wildwood, Sumter County. Specifically, the modifications are as follows: A. Increase the maximum PVC/CPVC production throughput rate from 42,500 tons per year to 70,000 tons per year and B. Add the existing and previously unpermitted inkjet printing operations*.

Based on information submitted, including potential and actual emission calculations, the facility's inkjet printing operations (in operation since 10/1999) are not exempt from air permitting. The printing operations produce uncontrolled emissions of hazardous air pollutants (HAPs) and volatile organic compounds (VOCs). As a result, the facility has requested synthetic limits on total VOCs and total HAPs. Based on the request, this facility will be reclassified as a Synthetic Minor Non-Title V Source. The VOC and HAP limits in this construction permit will ensure that no VOC and/or HAP (including individual HAP) emissions are exceeded beyond the Title V permitting thresholds contained in Rule 62-210, F.A.C.

The facility's total maximum production rate of CPVC and PVC material shall not exceed 70,000 tons/year.

I recommend that this Intent to Issue and draft permit be sent out as attached and submit it for your review and approval.

*Based on the application submitted, the inkjet printing operations have been in operation since at least 10/1999; however, it has never undergone permitting. As a result, I am attaching a Recommendation for Enforcement Action for your review and approval.

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION
FOR
Charlotte Pipe and Foundry Company

Wildwood
Sumter County

Construction Permit Application Number

1190030-008-AC

**Increase PVC/CPVC Pipe Production and
Add Inkjet Printing Operations**

Florida Department of Environmental Protection

Southwest District

Tampa, FL

August 4, 2005

Prepared by: Jose Zornitta

I. Project Description:

A. Applicant:

Mr. Reese Sumrall, Jr.
Owner/Authorized Representative
Charlotte Pipe and Foundry Company, Plastics Division
4210 Old Charlotte Highway
Monroe, NC 28110

B. Engineer:

Mr. Edward C. Fiss, Jr., P.E.
Aware Environmental, Incorporated
9305 Monroe Road, Suite J
Charlotte, NC 28270

C. Project and Location:

The proposed project is for the construction modifications listed below:

- A. Increase the maximum PVC/CPVC production throughput rate from 42,500 tons per year to 70,000 tons per year.
- B. Add the existing and previously unpermitted inkjet printing operations.

The facility located at County Road 124A, Wildwood, Sumter County.

D. Process and Controls:

The pipe extruding operation 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 baghouse), one (1) CPVC storage silo (with a cartridge filter), ten (10) PVC hopper receivers feeding ten (10) 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, one (1) CPVC extruder hopper receiver, one (1) CPVC extruder, compounder resin scale hopper, compounder microingredient receiver, compounder calcium carbonate receiver, microingredient units, compounder hot mixer and compounder cooler. Powdered polymer is vacuum unloaded to a filter receiver and then moved to 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. Particulate emissions from emission points are controlled by either bagfilters, cartridge filters, or polyester filters each with a minimum collection efficiency of 99%.

The inkjet printing process consists of twelve (12) Imaje – Model JAIME 100S8 inkjet printers and eleven (11) Video Jet – Model EXCEL 1701 inkjet printers. 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).

This permit will classify the facility as a Synthetic Non-Title V Source, based on the permittee's request that the maximum allowable emissions of total VOCs and total HAPs be established below the Title V permitting thresholds of Chapter 62-213, F.A.C.

E. Application Information Received and complete on: 06/09/2005

II. Rule Applicability

Subject to:	Y/N
Rule 62-212.300, Sources Not Subject to Prevention of Significant Deterioration or Nonattainment Requirements, F.A.C. ¹	Y
Rule 62-212.400, Prevention of Significant Deterioration, F.A.C. ²	N
Rule 62-296.320, General Particulate Emission Limiting Standards, F.A.C. ³	Y
Rule 62-296.320, General Pollutant Emission Limiting Standards, F.A.C. ⁴	Y
Rule 62-296.400, Stationary Source Emission Standards, F.A.C. ⁵	N
Rule 62-296.500, Reasonably Available Control Technology (VOC) ⁶	N
Rule 62-296.700, Reasonably Available Control Technology (PM) ⁷	N
Rule 62-204.800, Stds. of Performance for New Stationary Sources, F.A.C. ⁸ (NSPS)	N
Rule 62-204.800, Natl. Emission Std for Hazardous Air Pollutants, F.A.C. ⁹ (NESHAPS)	N
Chapter 62-213, Operation Permits for Major Sources of Air Pollution, F.A.C. ¹⁰	N
Rule 62-207.310, General Compliance Test Requirements, F.A.C. ¹¹	Y

1. Not exempt from general permitting requirements
2. Facility is PSD minor source
3. Facility is source of particulate emissions
4. Facility is a source of VOCs (including HAPs)
5. There is no applicable source category
6. There is no applicable source category
7. There is no applicable source category
8. There is no applicable source category
9. There is no applicable source category
10. Facility is a synthetic minor non-Title V source
11. Compliance testing is required (VE Testing)

III. Summary of Emissions

Allowable Emissions

- Visible Emissions not to exceed 5% opacity.
- Testing shall be in accordance with EPA Method 9.

Emission Estimates

<u>Pollutant</u>	<u>Maximum</u>
	<u>Estimated Emissions</u>
	<u>TPY</u>
PM	1.174
PM -10	0.838

<u>Pollutant</u>	<u>Estimated</u>		<u>Equivalent</u>	
	<u>Potential Emissions</u>		<u>Allowable Emissions</u>	
	<u>lbs/hr</u>	<u>TPY</u>	<u>lbs/hr</u>	<u>TPY</u>
Total VOCs	NA	5.0	NA	5.0
Total HAPs	NA	5.0	NA	5.0

The above potential emission estimates will ensure that the facility remains a synthetic non-title V source.

NOTE: Emissions estimates include all existing emission units/activities.

IV. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-296, F.A.C.

The general and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

V. Proposed Agency Action

Pursuant to Section 403.087, Florida Statutes and Section 62-4.07, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).