Executed in Hillsborough County, Florida

Robert C. Wong — 3/2/2012 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 3/2/2012 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.

Carol S. Moore — 3/2/2012
(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 |