

## DIGITAL PHOTOGRAPHIC LOG

1. **Facility Name:** Aercon Florida LLC
2. **County / AIRS ID No:** Polk County / 1050276
3. **Inspection Type:** INS2: Compliance Walkthrough Inspection and VE Test Audit
4. **Inspection Date:** 05/10/2012
5. **Date Photographic Log was completed:** 05/21/2012
6. **Camera Used:** Olympus Camedia Digital Camera, 5.0 Megapixel, C-50 ZOOM, S/N 115248297.
7. **Recording Media:** FUJIFILM xD-Picture Card, 128 MB, S/N DPC-128, R31695 5RZ7, 0244 MAD.
8. **All Digital Photos Were Copied To:** Hard Disk of Computer DEP 143271 and to this Digital Photographic Log.
9. **Original Copy Is Stored In/On:** Hard disk of computer DEP 143271.
10. **Were the photos altered?:** NO  YES  explain yes:
11. **Photographer:** Amaury Betancourt
12. **Signature of Photographer:** \_\_\_\_\_



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-001

**Time:** Approx. 09:45 AM

Approximate perspective of visible emissions (VE) tests conducted for silos at this facility. The camera is facing approximately Northwest. The North silo is emission unit (EU) EU003 and is split into a North compartment for slag (emission point EP002) and a South compartment for cement (EP001). The middle silo is a single compartment silo for anhydrite (EU004). The South silo is a split silo for lime: the North compartment is EP001 and the South compartment is EP002. The visible emissions tests were conducted by Mr. Lynn Robinson of Southern Environmental Sciences, Inc. on 05/10/2012.

**Facility Name:** Aercon Florida LLC; **Facility ID No:** 1050276; **County:** Polk

**Inspection Type/Date:** INS2: Compliance Walkthrough Inspection & VE Test audit on 05/10/2012 **Page 1 of 5**



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-002  
**Time:** Approx. 09:45 AM  
Lime being loaded by truck into the North compartment of the South Lime Storage Silo (EU002-EP001). The camera is facing approx. NE.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-003  
**Time:** Approx. 09:45 AM  
The HANDTE Model PF 12-120 cartridge filter baghouse, visible on the center of the face of the building containing the cutting area, controls particulate matter emissions from the cutting area (EU007). The camera is facing approx. SW.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-004

**Time:** Approx. 10:00 AM

The camera is facing approximately East. The vent for the boring area (EU005) is visible in the center of the photograph and the vent faces approximately North. The VE test for this EU was conducted on the rooftop of the building containing the boring area.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-005

**Time:** Approx. 10:15 AM

View, from rooftop, of South Silo. The camera is facing approximately North-northwest. The baghouse of the North compartment of the South silo (EU002-EP001) was emitting puffs of white smoke at an opacity of approximately 10% for a time period of approximately 45 minutes. This baghouse is visible on the right side of the South silo (baghouse appears to be white in color).





**Photo ID No:** 1050276\_Photo\_05\_10\_2012-006

**Time:** Approx. 10:45 AM

Parts for steel reinforcement cages used in reinforcing concrete panel products at the facility. The red cage has been coated in red acrylic primer. This red cage is off-specification but may be used in a different product. The camera is facing approximately Northeast.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-008

**Time:** Approx. 10:45 AM

Tank used for holding red acrylic dipping primer. Steel reinforcement cages, for concrete panel products, are dipped into this tank to coat the reinforcement cages with primer. Then, the reinforcement cages coated with primer are allowed to dry. The camera is facing approx. S.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-007

**Time:** Approx. 10:45 AM

View of the same off-specification steel reinforcement cage as in photo 1050276\_Photo\_05\_10\_2012-006. The camera is facing approximately North.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-009

**Time:** Approx. 10:45 AM

Part of the dipping area, where steel reinforcement cages are dipped into a tank of red acrylic dipping primer, is fenced off. The camera is facing approx. SE.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-010  
**Time:** Approx. 11:15 AM  
Easternmost autoclave in building. Autoclave is open.  
The camera is facing approx. S.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-012  
**Time:** Approx. 11:30 AM  
The Johnston boiler, exempt from air operating permitting, supplies steam to the autoclaves at the facility. The camera is facing approx. SE.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-011  
**Time:** Approx. 11:15 AM  
Some of the autoclaves at the facility. The camera is facing approx. SW. The third autoclave (from East to West) is open with a load of concrete products sticking out. The fourth autoclave (from East to West) is barely visible in the photograph and is not connected and not operating.



**Photo ID No:** 1050276\_Photo\_05\_10\_2012-013  
**Time:** Approx. 11:30 AM  
Another view of the Johnston boiler, exempt from air operating permitting, which supplies steam to the autoclaves at the facility. The camera is facing approx. SE.

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