

Betancourt, Amaury

From: Jeff Dyer [jdyer@aerconaac.com]
Sent: Wednesday, June 06, 2012 1:01 PM
To: Betancourt, Amaury
Cc: Hojin Lee; Henry, Danielle D.
Subject: RE: [Spam] FW: #2 lime silo filter

Follow Up Flag: Follow up
Flag Status: Flagged

Hello
Sorry your email was in my spam folder. Didn't see it.
Ok the next time we will be filling the north compartment will be on the 21 of June. On the lime silo. But unfortunately the anhydrite silo can not be checked until what material we have in it is run down enough so we have room for a truck load to be unloaded. THE SOUTHERN ENVIRONMENTAL SERVICE COMPANY we use will be in contact with you when this is possible. The other truck came in three days late for the inspection we had set up earlier. It was out of are control, the driver had problems, sorry.
The red acrylic primer we use for dipping you were asking about. We used 600 gallons last year, and that was from January to Dec, and this year we have used 360 gallons and that's from January to May.
Have a good week.
Jeff

Jeff Dyer
jdyer@aerconaac.com

From: Hojin Lee [mailto:hlee@aerconaac.com]
Sent: Wednesday, June 06, 2012 12:23 PM
To: 'Jeff Dyer'
Subject: FW: [Spam] FW: #2 lime silo filter

From: Betancourt, Amaury [mailto:Amaury.Betancourt@dep.state.fl.us]
Sent: Tuesday, June 05, 2012 10:22 AM
To: 'Jeff Dyer'
Cc: 'Hojin Lee'
Subject: [Spam] FW: #2 lime silo filter

Hi Mr. Dyer and Mr. Lee,

I hope you are both doing well. Thank you for your responses on 05/22/2012 to my questions about the Aercon facility. When you have a chance, please see my e-mail below from 05/24/2012 regarding two comments and a request for records below.

Please contact me if you have any questions. My contact information is in my e-mail signature below.

Thank you,
Amaury

Amaury Betancourt
Engineering Specialist I
Florida Department of Environmental Protection (FDEP)

Southwest District Division of Air Resource Management
13051 North Telecom Parkway
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"This staff assessment is preliminary and is designed to assist in the review of the information provided prior to final agency action. The comments provided herein are not the final position of the department and may be subject to revision pursuant to additional information and further review."

Please note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communication may therefore be subject to public disclosure.

From: Betancourt, Amaury
Sent: Thursday, May 24, 2012 3:24 PM
To: 'Jeff Dyer'
Cc: 'Hojin Lee'; Henry, Danielle D.
Subject: RE: #2 lime silo filter

Hi Mr. Dyer,

I hope you are doing well. Thank you for the information on your previous e-mail. I have copied Mr. Hojin Lee, Plant Manager of Aercon Florida, LLC in Haines City, FL, and Ms. Danielle Henry, Environmental Compliance Manager for the FDEP Southwest District Division of Air Resource Management, in this e-mail. The Aercon Florida, LLC facility is air operating facility ID 1050276, and the current applicable air permits are air operating permit 1050276-010-AO and air construction permit 1050276-011-AC.

When you have a chance, please see the two comments and one question below:

- (1.) Please let me know the next time you will be loading the North Compartment of the South Silo (Lime silo, North Compartment, emission point EP001 of emission unit EU002) with lime so that I may have the opportunity to observe the loading.
- (2.) Also, as a reminder, please notify the Department at least fifteen (15) days prior to conducting a VE test for loading material into the middle silo, emission unit EU004, at the facility.
- (3.) Please provide me with usage records/information on the annual usage of red acrylic dipping primer at this facility.

Please contact me if you have any questions.

Thank you,
Amaury

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From: Jeff Dyer [<mailto:jdyer@aerconaac.com>]
Sent: Tuesday, May 22, 2012 1:15 PM
To: Betancourt, Amaury
Cc: Hojin Lee
Subject: RE: #2 lime silo filter

Hello Amaury

I will answer the questions in the order you ask them, OK

1. The generac is a 100 kilo watts, and the Caterpillar is a 400 kilo watt. Generac is Natural gas and Caterpillar is diesel.
2. We just have the one tank, that's all.
3. Yes.
4. Yes.
5. Condensate from system, when boiler is running.
6. Panel cutting building.
7. Steam exhaust marks.
8. Those are pallets we use, for product. They are wet from rain.

Thanks JEFF @ Aercon

From: Betancourt, Amaury [<mailto:Amaury.Betancourt@dep.state.fl.us>]
Sent: Monday, May 21, 2012 3:55 PM
To: 'Hojin Lee'
Cc: jdyer@aerconaac.com
Subject: FW: #2 lime silo filter

Hi Mr. Lee,

I have copied Mr. Dyer in this e-mail. It was good talking to you earlier. Thanks for the extra information on this facility. You stated you would provide me with information on annual usage of the red acrylic primer at this facility. In addition, I have a few questions regarding the facility:

- (1.) Can you please provide me with specifications for the Generac and Caterpillar backup generators at this facility? I would like to include this information for the permit engineer(s) who will work on this permit the next time a new permit is due.
- (2.) How many tanks of red acrylic primer are present at this facility, specifically the tanks used to dip the steel cages to be coated with red acrylic primer (dipping tanks)?
- (3.) Is the red acrylic primer dipping tank (the tank used to dip the steel cages) always left open? It was open during my site visit, but did not appear to be being used currently.
- (4.) From what I understand, the autoclave process is typically at a pressure of 12 bar, temperature of 168 degrees Celsius, and takes approximately 15 to 17 hours to heat treat a full load of concrete products. Is this correct?
- (5.) What do the two tanks on the South side of the property hold (See attached aerial photograph)? Mr. Dyer told me what the tanks hold, but I did not take note.
- (6.) What is the small building on the South side of the property (See attached aerial photograph)?
- (7.) There appears to be burn damage on the South side of the building by the autoclaves (see attached aerial photograph). What happened there?
- (8.) The aerial photograph attached to this e-mail may be several months to several years old, but what is the large pile that appears to be wet on the South side of the property (see attached aerial photograph, if you remember)?

Thank you,
Amaury

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Please take a few minutes to share your comments on the service you received from the department by clicking on this link. [DEP Customer Survey](#).

From: Betancourt, Amaury

Sent: Monday, May 21, 2012 9:12 AM

To: 'Hojin Lee'

Cc: 'jdyer@aerconaac.com'
Subject: RE: #2 lime silo filter

Hi Mr. Lee and Mr. Dyer,

Thank you for the update on the maintenance of the North Baghouse on the South Silo at the Aercon facility in Polk County, FL, air operating Facility ID No. 1050276.

As you know, I conducted a visible emissions (VE) test audit and a facility inspection on 05/10/2012 for the Aercon facility in Polk County, FL. During my audit, I observed visible emissions exiting the vent of the North baghouse on the South Silo at this facility. The North half of the South Silo, for which air emissions are controlled by the North baghouse of the South Silo, was being filled with lime. I arrived at this facility after the VE test for this baghouse had been conducted by Mr. Lynn Robinson of Southern Environmental Sciences, Inc., and it appears that this VE test passed the permit conditions (though I have not received the official report yet). Nevertheless, about ten minutes after I arrived on site, I noticed periodic emissions exiting the vents of the above-mentioned baghouse, and as Mr. Dyer and I approached the silo, I observed that emissions appeared to occur approximately every five seconds, consistent with the timing of the automatic pulse-jet cleaning of the bags of the baghouse. From my observations, I estimate the opacity of these emissions was at least 10% opacity for about 25 minutes until the lime truck completed loading.

In addition, the middle silo, emission unit (EU) EU004, which is supposed to be filled with anhydrite, was not filled during this VE test audit. Please notify the Department at least 15 days in advance, if possible, prior to conducting the VE test for this silo.

Also, please notify me at least several days in advance of loading the North compartment of the South silo so that I may have the opportunity to observe the loading and to verify that the baghouse for this compartment of this silo is functioning correctly. In addition, please let me know if you think it will be possible to load the North compartment of the South Silo on the same day as conducting the VE test for the middle silo. This is not necessary, but please let me know if you think it is possible.

Thank you,
Amaury

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From: Hojin Lee [<mailto:hlee@aerconaac.com>]

Sent: Thursday, May 17, 2012 12:46 PM

To: Betancourt, Amaury

Subject: FW: #2 lime silo filter

From: Jeff Dyer [<mailto:jdyer@aerconaac.com>]

Sent: Wednesday, May 16, 2012 6:26 AM

To: 'amaury.betancowt@dep.state.fl.us'

Cc: Hojin Lee (hlee@aerconfl.com)

Subject: FW: #2 lime silo filter

Good Morning

Here is the picture you wanted me to take so you could see the inside of the filter house, we basically just cleaned and replaced the filters, was nothing broken in side. There is the seal at the top and most the time this seal will let lose and it will let the filter house emit dust out. But it looks to be ok now.

I do have a load of lime coming in next week, if you want I can give you a call on what day he will be in, most the time its Thursday or Friday in the week. But my loads are always a week after I order. Just let me know. When the load gets here I can check it, but I think it will be ok.

Jeff @ Aercon

