

Air Pollution Source Inspection Report Form

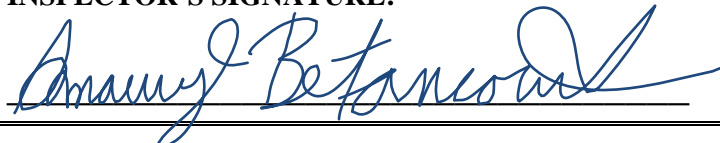
Florida Department of Environmental Protection, Southwest District

PAGE 1 OF 2**FACILITY:** T. Bower Enterprises, Inc.**ID#:** 1050348**COUNTY:** Polk**ADDRESS:** 111 Appaloosa Hill Rd., Polk City, 33868-8928**INSPECTION DATE:** 02/06/2012**TIME IN:** 08:00 AM**TIME OUT:** 10:00 AM**CONTACT:** Todd L. Bower, Owner, Telephone: (863) 984-3050,
Fax: (863) 984-2093, Cell phone: (863) 287-9101.
E-mail: todd21@verizon.net
Cathy Bower, Owner, Cell phone: (863) 287-9102.**INSPECTION TYPE:** INS2 (VE test audit)**EU(s) INSPECTED:** EU002 (fly ash silo)**SOURCE DESCRIPTION:** Split silo with two emission units (EUs), cement side is EU001 and fly ash side is EU002.**CURRENT PERMIT:** 1050348-004-AG**PERMIT EXPIRATION DATE:** 01/21/2017**INSPECTION FINDINGS**

I, Amaury Betancourt, audited a visible emissions (VE) test for emission unit (EU) EU002, fly ash silo, on 02/10/2012 at T. Bower Enterprises, Inc. I met a worker named Mike at the facility when I arrived. The silo at T. Bower Enterprises is actually a split silo, with one side for cement (EU001) and one side for fly ash (EU002). The test for EU002 was conducted on 02/10/2012 by Neil Currie of Southern Environmental Sciences, Inc. This test was originally scheduled to begin at 08:00 AM, but the fly ash truck was approximately one hour late, so the VE test began at approximately 09:20 AM and finished at approximately 09:50 AM. The fly ash truck contained approximately 23.07 tons of fly ash to be loaded into the fly ash silo. I also made VE observations for about the first 15 minutes of the VE test (see attachment to this report), at which point I stopped making observations and walked over to the fly ash truck to ask the truck driver for information on the loading pressure of fly ash to the silo. The pressure gauges on the truck read 7 pounds per square inch (PSI) for the tank pressure and approximately 7 PSI for the line pressure.

The VE test for EU001 had already been conducted on 01/17/2012. The T. Bower Enterprises, Inc. facility only has two emission units, EU001 and EU002. The VE tests for the 2011 calendar year were conducted early in 2012 due to low production at the facility in December 2011. This facility has satisfied its VE testing requirements for the 2011 calendar year. In total, each VE test for calendar year 2011 passed the 5% opacity limit. After the VE test was completed for EU002 on 02/10/2012, I told Mr. Todd Bower that I was leaving and I left the facility at approximately 10:00 AM.

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COMPLIANCE STATUS: IN**INSPECTOR'S SIGNATURE:****INSPECTOR'S NAME:**

Amaury Betancourt

DATE:

02/16/2012

Visible Emissions (VE) readings by inspector/auditor Amaury Betancourt. Original VE Test was conducted by Neil Currie of Southern Environmental Sciences, Inc. Test date was 02/06/2012 at T. Bower Enterprises, Inc., facility ID 1050348. Test was for emission unit EU002, fly ash silo.

VISIBLE EMISSION OBSERVATION FORM

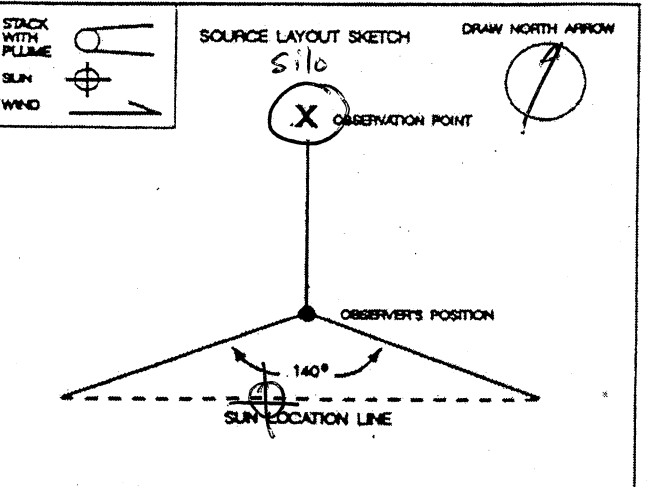
COMPANY NAME: T. Bower Enterprises
 LOCATION: 111 Appaloosa Hill Rd.
 LOCATION: Polk City - Polk County
 CITY: Polk City STATE: FL ZIP: 33868-8928

PROCESS EQUIPMENT: Fly Ash Silo Tanker truck for fly ash OPERATING MODE: ~7 psig
 CONTROL EQUIPMENT: Baghouse OPERATING MODE: Normal

DESCRIBE EMISSION POINT: Fly Ash Silo - EU002
(Part of split silo with two compartments)
 HEIGHT ABOVE GROUND LEVEL: START 0 END same HEIGHT RELATIVE TO OBSERVER: START ~70 ft END
 DISTANCE FROM OBSERVER: START ~200 ft END same DIRECTION FROM OBSERVER: START NW END same
 VERTICAL ANGLE TO OBS. PT.: START ~30° END same DIRECTION TO OBS. PT.: START See Above END

DESCRIBE EMISSIONS: START N/A (None) END N/A (None)
 EMISSION COLOR: START N/A END N/A IF WATER DROPLET PLUME:
 ATTACHED DETACHED NA
 DISTANCE OF OBSERVATION POINT FROM EMISSION OUTLET: START ~2 ft END ~2 ft

DESCRIBE PLUME: START N/A (None) END N/A (None)
 BACKGROUND COLOR: START Grey END same SKY CONDITIONS: Clouds
 WIND SPEED: 0-5 mph WIND DIRECTION: START NW END SE Same
 AMBIENT TEMP: Did not measure WET BULB TEMP: Did not measure
 RH PERCENT: Did not measure



ADDITIONAL INFORMATION: Tank pressure: 7 psig
Line pressure: ~7 psig

FORM NUMBER: VE test PAGE: 1 OF: 1

OBSERVATION DATE		START TIME		END TIME	COMMENTS
02/06/2012		09:20 AM		Did not check	
MIN	SEC	0	15	30	45
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	0 - missed
14	0	0	0	0	
15	0	0	0	0	
16	0	stopped			Audit
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OBSERVER'S NAME (PRINT): Amaury Betancourt
 OBSERVER'S SIGNATURE: Amaury Betancourt DATE: 02/15/2012
 ORGANIZATION: Florida Department of Environmental Protection (FDEP)
 CERTIFIED BY: Aeromet Engineering, Inc. DATE: 01/31/2012

CONTINUED ON VEO FORM NUMBER:

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