

FACILITY INFORMATION

Facility Name: Sugarcane Grower Coop		
ARMS ID No.: 0990026	Air Permit No.: 0990026-016-AV	Expires: November 28, 2016
Facility Contact: Kathleen Lockhart		Title: Manager Env. Affairs
Phone: (561) 997-4779, Cell: (561) 261-1627		

INSPECTION SUMMARY

Inspection Date: 12/02/2011	Inspector: Binod Basnet
Report Date:	Signature:
Inspection Type: INS3 - Stack Test	Inspection Subtype: Stack Test at Boiler #2
Compliance Status:	ARMS Updated: Approval/Date:
Compliance Test was conducted by: Air Consulting and Engineering, Inc.	

Emission Unit Inspection Details	EU: 002	Compliance Status: <input checked="" type="checkbox"/> IN <input type="checkbox"/> MNC <input type="checkbox"/> SNC
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Inspection Observations and Comments:

Boiler 2 Parameters at time of inspection: Fuel: Bagasse & Fuel Oil

Parameters	Units	Observation
Average Steam Flow	lb/hr	144,000 (Permitted Capacity = 138,154 lb/hr - 24 hr average)
Steam Temperature	Deg F.	555 (Permitted Capacity = 585 Deg F)
Steam Pressure	Psi	403 (Permitted Capacity = 400 psi)

Scrubber Parameters:

_____ Scrubber:

Parameters	Units	Observation	CAM Plan Requirement	Compliance Status
Delta P (ΔP)	in. of water	7.3	Above 3.1	IN
Water flow	GPM	154	Above 123	IN
Pressure	PSI	63		

_____ Scrubber:

Parameters	Units	Observation	CAM Plan Requirement	Compliance Status
Delta P (ΔP)	in. of water			
Water flow	GPM			
Pressure	PSI			

Preliminary results from the 1st Run of the stack test conducted on 12/02/2011 :

Parameters	Units	Actual Emissions	Emissions Limits
PM	Lb/MMBtu	0.0844	0.25 (bagasse) + 0.1 (fossil fuel)
NOx	Lb/MMBtu	0.1305	0.45 (bagasse), 0.65 (residue)
VOC	Lb/MMBtu	0.0229	0.7

VE Test: VE Test was conducted at the time of inspection. _____

Emission Unit Inspection Details

EU: 002

Compliance Status:



IN



MNC



SNC

Inspection Observations and Comments:

Inspection Checklist:

-Nozzle Calibration Check before or between runs. Must be 3 measurements within 0.004 inches. (OK)

-Filter box Temperature. 248F +/- 25F. (observed 230 Deg F)

-Impinger moisture collected correctly. (OK)

-System leak check. Leak test <0.02cfm acceptable. (OK)

-Blow through pitot lines. (OK)

-Sampling ports sealed check. (OK)

-Check impinger water weigh in and water temperature. (OK)

Additional Comments:

Initial weight of the PM collected at the first run of the test was 0.4655 grams.

Average CO Mass Emission Rate, based on the first test run = 1.064 lb/MMBtu.

Mr. Blas Marin was present on site during the time of inspection.