

Boiler 1

Boiler Parameters: **Limit**
Avg Steam Flow = 100,000 lb/hr **(139,700 lb/hr – 24 hr avg)**
Steam Temperature = 585 F **(585 Deg F)**
Steam Pressure = 417 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 7.3 in of H₂O **(≥ 2.9 in of H₂O)**
Water Flow = 142 gpm **(≥ 112 gpm)**
Pressure = 61 psi

Boiler 2

Boiler Parameters: **Limit**
Avg Steam Flow = 89,000 lb/hr **(138,154 lb/hr – 24 hr avg)**
Steam Temperature = 593 F **(585 Deg F)**
Steam Pressure = 414 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 4.1 in of H₂O **(≥ 3.1 in of H₂O)**
Water Flow = 144 gpm **(≥ 148 gpm)**
Pressure = 61 psi

Boiler 3

Boiler Parameters: **Limit**
Avg Steam Flow = 100,000 lb/hr **(110,000 lb/hr – 8 hr avg)**
Steam Temperature = 549 F **(585 Deg F)**
Steam Pressure = 415 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 69 in of H₂O **(≥ 3.9 in of H₂O)**
Water Flow = 164 gpm **(≥ 164 gpm)**
Pressure = 63 psi

Boiler 4

Boiler Parameters: **Limit**
Avg Steam Flow = 226,000 lb/hr **(300,000 lb/hr – 24 hr avg)**
Steam Temperature = 583 F **(585 Deg F)**
Steam Pressure = 415 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 5.9 (N) 5.5 (S) in of H₂O **[≥ 4.1 (N); ≥ 4.3 (S)]**
Water Flow = 161 (N) 170 (S) gpm **(≥ 252 combined)**
Pressure = 58 psi

Boiler 5

Boiler Parameters: **Limit**
Avg Steam Flow = 165,000 lb/hr **(230,000 lb/hr – 24 hr avg)**
Steam Temperature = 595 F **(585 Deg F)**
Steam Pressure = 409 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 7.1 (N) 6.6 (S) in of H₂O **[≥ 4.5 (N); ≥ 3.6 (S)]**
Water Flow = 176 (N) 141 (S) gpm **(≥ 243 combined)**
Pressure = 48 psi

Boiler 8

Boiler Parameters: **Limit**
Avg Steam Flow = 239,000 lb/hr **(290,000 lb/hr – 24 hr avg)**
Steam Temperature = 581 F **(585 Deg F)**
Steam Pressure = 408 psi **(400 psi)**

Scrubber Parameters: **Limit**
Delta P = 7.7 (N) 6.2 (S) in of H₂O **[≥ 5.8 (N); ≥ 5.9 (S)]**
Water Flow = 168 (N) 157 (S) gpm **[≥ 99 (N); ≥ 99 (S)]**
Pressure = 53 psi

Sugarcane Grower Coop of Florida (Permit 0990026-016-AV)

Inspection Field Data

Other Comments:

The inspection was conducted at the facility on December 04, 2012. The facility conducted an annual stack test at Boiler #3. All the boilers were in operation during the time of inspection. The boiler parameters and scrubbers parameters noted during the time of inspection are shown in the previous page.

Inspector: Binod Basnet