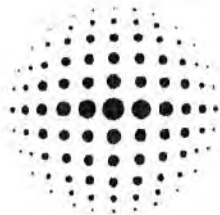


Appendix A
Field Data



AirNova, Inc.

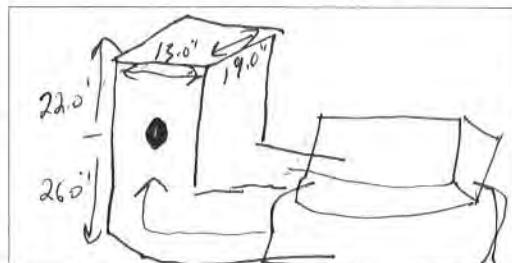
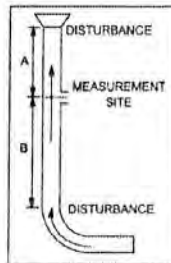
3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 Fax (856) 486-9896 www.airnova.com

W/O POLLUTION CONTROL

EPA Method 2 - Gas Velocity and Volumetric Flow Data Sheet

AirNova, Inc. Project No. 4835
Pitot No. P-3-B Cp 0.84
Facility FOGO DE CHAO
Location OVEN OUTLET
Date 9/30/22 Run No. ONE
Stack Diam. (") 19.0 x 13.0 Nipple (") 0.0
Distance A 22.0" Distance B 26.0"
Operators AM, EL
P_{bar} ("Hg) 30.33 Static ("H₂O) -0.90
1.715 ft³

Leak Check Pre ☒ Post ☒



Schematic of Stack Cross Section

Field Data				
Traverse Point No.	Position (inches)	Velocity Head ΔP ("H ₂ O)	Stack Temp. (°F)	Cyclonic Flow Determination (angle which yields a null ΔP)
1	1.6	1.2	90	
2	4.8	1.0	91	
3	7.9	1.1	91	
4	11.1	1.2	92	
5	14.3	1.3	93	
6	17.4	0.95	92	
1		0.98	96	
2		1.0	91	
3		1.1	90	
4		1.2	91	
5		1.3	92	
6		0.95	92	
	Static:	-0.91		

W/o Pollution Control

ISOKINETIC (NJ1 or EPA5)
Front Half with EPA202 CPM

Project No. 4835 Date 9/30/22
Facility FOGO DE CHAO
Location OVEN OUTLET
Operator(s) AM, EL
Run No. ONE P Bar ("Hg) 33.33
Static Press. ("H₂O) -0.90
Silica Gel No. X 9856
Leak Check: Pre=0.003 @15"Hg

Probe No. AN-3A C_p 0.84 Type GLASS
Nozzle No. 110 I.D. 0.219 Y Factor 1.015
Meter Box No. 10 $\Delta H@$ 1.75 Sample Box No. 9
Method / Sample Type 5/202
Assumed Moisture (%) 3 Assumed Meter Temp. (°F) 60
 O_2 20.5 (%) CO_2 0.1 (%)
 H_2O Pickup (mL) 12.1 + 9 = 21.1
Post = 0.001 @ 7.0 "Hg

[illegible]

Project No. 4835 Date 9/30/22
Facility F060 DE CHAU
Location OVEN OUTLET
Operator(s) AM, EL
Run No. TWO P Bar ("Hg) 30.33
Static Press. ("H₂O) -0.94
Silica Gel No. X 9850
Leak Check: Pre= 0-008 @15"Hg

Probe No. ANT-3A C_p 0.84 Type GLASS
Nozzle No. 110 I.D. 0.219 Y Factor 1.015
Meter Box No. 10 ΔH@ 1.75 Sample Box No. 9
Method / Sample Type 5/202
Assumed Moisture [%] 3.0 Assumed Meter Temp. (°F) 62
O₂ 20.5 [%] CO₂ 0.1 [%]
H₂O Pickup [mL] 11.1 + 10 = 21.1
Post = 0.001 @ 7.5 "Hg

[illegible]



AirNova, Inc.

3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 • Fax (856) 486-9896 • www.airnova.com

N₂ Purge Record Data Sheet - EPA Reference Method 202

Project No. 4835

Date: 9/30/22

Facility Fogo De Chao

Address _____

N₂ purge: >14 liters per min.

Record temp every 10 minutes

Temp must be 65-85 °F

Test Location: <u>UNCONTROL</u>				<u>CONTROL</u>			
				Run			
1		Recovery		2		3	
				1		4	
Start Time <u>0909</u>		Start Time <u>1025</u>		Start Time <u>1046</u>		Start Time _____	
End Time <u>1009</u>		End Time <u>1125</u>		End Time <u>1146</u>		End Time _____	
00	<u>68</u>	00	<u>68</u>	00	<u>68</u>	00	
10	<u>69</u>	10	<u>69</u>	10	<u>67</u>	10	
20	<u>68</u>	20	<u>69</u>	20	<u>67</u>	20	
30	<u>69</u>	30	<u>69</u>	30	<u>67</u>	30	
40	<u>69</u>	40	<u>68</u>	40	<u>67</u>	40	
50	<u>69</u>	50	<u>67</u>	50	<u>67</u>	50	
60	<u>69</u>	60	<u>67</u>	60	<u>67</u>	60	

Notes: _____

Data Recorded By: Tina McHale
(printed name)

Signature [Signature]



AirNova, Inc.

3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 • Fax (856) 486-9896 • www.airnova.com

Nozzle Field Calibration Data

Project No. 4835

Nozzle Type: SS Glass

Calibrator: Am

Facility/Client: Fogo De Chao

Test Location: Charcoal Broiler

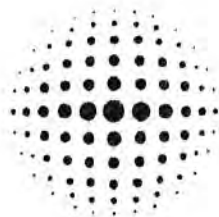
Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre 110	0.219	0.219	0.219	0.219	0737	9 / 30
Post 110	0.219	0.219	0.219	0.219	1049	9 / 30
Pre						/
Post						/

Test Location: _____

Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre						/
Post						/
Pre						/
Post						/

Test Location: _____

Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre						/
Post						/
Pre						/
Post						/



AirNova, Inc.

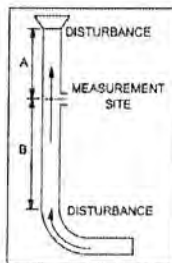
3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 Fax (856) 486-9896 www.airnova.com

W/ Pollution
Control

EPA Method 2 - Gas Velocity and Volumetric Flow Data Sheet

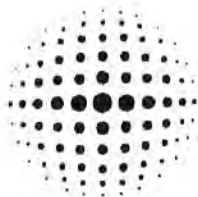
AirNova, Inc. Project No. 4835
Pitot No. P-3-B Cp 0.84
Facility LOGO DE CH40
Location OVEN GURGET
Date 10/18/21 Run No. TWO
Stack Diam. (") 19.0 x 13.0 Nipple (") 2.0
Distance A 20.0 Distance B 26.0
Operators AM, CC
P_{bar} ("Hg) 29.61 Static ("H₂O) -0.54

Leak Check Pre ☒ Post ☒



Schematic of Stack Cross Section

Field Data				
Traverse Point No.	Position (inches)	Velocity Head ΔP ("H ₂ O)	Stack Temp. (°F)	Cyclonic Flow Determination (angle which yields a null ΔP)
1		6.65	111	
2		0.77	110	
3		0.86	109	
4		0.90	101	
5		0.81	99	
6		0.77	100	
1		0.70	110	
2		0.75	115	
3		0.84	111	
4		0.92	109	
5		0.79	100	
6		0.75	101	
	Static:	-0.56		



AirNova, Inc.

3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 • Fax (856) 486-9896 • www.airnova.com

N₂ Purge Record Data Sheet - EPA Reference Method 202

Project No. 4838

Date: 10/18/22

Facility Fogo De Chao

Address 92-50 59th Ave.
Queens, NY

N₂ purge: >14 liters per min.

Record temp every 10 minutes

Temp must be 65-85 °F

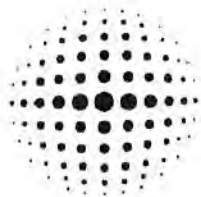
Test Location: <u>Charcoal Broiler</u>									
Run									
1		Recovery		2		3		4	
Start Time <u>0931</u>		Start Time <u>1049</u>		Start Time <u>1117</u>		Start Time _____		Start Time _____	
End Time <u>1031</u>		End Time <u>1149</u>		End Time <u>1217</u>		End Time _____		End Time _____	
00	<u>65</u>	00	<u>66</u>	00	<u>67</u>	00		00	
10	<u>65</u>	10	<u>67</u>	10	<u>68</u>	10		10	
20	<u>66</u>	20	<u>67</u>	20	<u>68</u>	20		20	
30	<u>66</u>	30	<u>67</u>	30	<u>68</u>	30		30	
40	<u>66</u>	40	<u>67</u>	40	<u>67</u>	40		40	
50	<u>65</u>	50	<u>67</u>	50	<u>67</u>	50		50	
60	<u>66</u>	60	<u>67</u>	60	<u>68</u>	60		60	

Notes: _____

Data Recorded By: Lenny Katerzynczuk

(printed name)

Signature [Signature]



AirNova, Inc.

3485 Haddonfield Road, Pennsauken, New Jersey 08109
Phone (856) 486-1500 • Fax (856) 486-9896 • www.airnova.com

Nozzle Field Calibration Data

Project No. 4835

Nozzle Type: SS Glass

Calibrator: CDK/AM

Facility/Client: Fogo De Chao

Test Location: Charcoal Broiler

Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre 310	0.214	0.216	0.216	0.216	0749	10/18
Post 310	0.216	0.216	0.215	0.216	1140	10/18
Pre						/
Post						/

Test Location: _____

Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre						/
Post						/
Pre						/
Post						/

Test Location: _____

Nozzle No.	Diameter "A"	Diameter "B"	Diameter "C"	Average Diameter	Time	Date
Pre						/
Post						/
Pre						/
Post						/