



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME						
Turbo Combustor Technology			4/12/12				9:45		9:52						
ADDRESS			SEC		MIN		SEC		MIN		SEC				
3651 SE Commerce Ave.			0	15	30	45	0	15	30	45					
CITY	STATE	ZIP	1		2		3		4		5				
Stuart	FL	34997	0	0	0	0	31								
PHONE	SOURCE ID NUMBER		3		4		5		6		7				
	0850017		0	0	0	0	32								
PROCESS EQUIPMENT	EU #	OPERATING MODE	4		5		6		7		8				
Spray booth	#7	normal	0	0	0	0	33								
CONTROL EQUIPMENT	OPERATING MODE		5		6		7		8		9				
Filters	normal		0	0	0	0	34								
DESCRIBE EMISSION POINT			6		7		8		9		10				
START above stack STOP above stack			0	0	0	0	35								
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER		7		8		9		10		11				
START 30 ft STOP 30 ft	START 25 ft STOP 25 ft						36								
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER		8		9		10		11		12				
START 50 ft STOP 50 ft	START N STOP N						37								
DESCRIBE EMISSIONS			9		10		11		12		13				
START — STOP —							38								
EMISSION COLOR	PLUME TYPE: CONTINUOUS <input type="checkbox"/>		10		11		12		13		14				
START n/a STOP n/a	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>						39								
WATER DROPLETS PRESENT	IF WATER DROPLET PLUME:		11		12		13		14		15				
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>						40								
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			12		13		14		15		16				
START — STOP —							41								
DESCRIBE BACKGROUND			13		14		15		16		17				
START sky STOP sky							42								
BACKGROUND COLOR	SKY CONDITIONS		14		15		16		17		18				
START blue STOP blue	START clear STOP clear						43								
WIND SPEED	WIND DIRECTION		15		16		17		18		19				
START 8.0 STOP 8 mph	START NE STOP NE						44								
AMBIENT TEMP.	WET BULB TEMP.	RH, percent	16		17		18		19		20				
START 75° STOP 75°	—	76%					45								
<p style="text-align: center;">Source Layout Sketch Draw North Arrow</p>			17		18		19		20		21				
							46				21				
			AVERAGE OPACITY FOR HIGHEST PERIOD		NUMBER OF READINGS ABOVE % WERE		18		19		20		21		
			0		0						47				
			RANGE OF OPACITY READINGS			19		20		21		22		23	
			MINIMUM MAXIMUM							48					
			OBSERVER'S NAME (PRINT)			20		21		22		23		24	
			Michelle Robinson							49					
			OBSERVER'S SIGNATURE			21		22		23		24		25	
			Michelle Robinson							50					
DATE			22		23		24		25		26				
4/12/12							51								
ORGANIZATION			23		24		25		26		27				
FL DEP							52								
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			24		25		26		27		28				
SIGNATURE							53								
ETA			25		26		27		28		29				
DATE							54								
1/2012			26		27		28		29		30				
TITLE							55								
DATE							56								
VERIFIED BY			27		28		29		30		31				
DATE							57								
DATE							58								
DATE							59								
DATE							60								

Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME														
Turbo Combustor Tech.			4/12/12				9:55		10:07														
ADDRESS			SEC		SEC		SEC		SEC														
3651 SE Commerce Ave.			MIN	0	15	30	45	MIN	0	15	30	45											
Eu			1	0	0	0	0	31															
CITY	STATE	ZIP	2	0	0	0	0	32															
Stuart	FL	34997	3	0	0	0	0	33															
PHONE	SOURCE ID NUMBER		4	0	0	0	0	34															
	0850017		5	0	0	0	0	35															
PROCESS EQUIPMENT		OPERATING MODE	6	0	0	0	0	36															
Spray Booth #5		Normal	7	0	0	0	0	37															
CONTROL EQUIPMENT		OPERATING MODE	8	0	0	0	0	38															
\$ Filters		Normal	9	0	0	0	0	39															
DESCRIBE EMISSION POINT			10	0	0	0	0	40															
START above stack STOP above stacks			11	0	0	0	0	41															
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER	12	0	0	0	0	42															
START 30 ft STOP 30 ft		START 25 ft STOP 25 ft	13					43															
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER	14					44															
START 50 ft STOP 50 ft		START N STOP N	15					45															
DESCRIBE EMISSIONS			16					46															
START — STOP —			17					47															
EMISSION COLOR		PLUME TYPE: CONTINUOUS <input type="checkbox"/>	18					48															
START n/a STOP n/a		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>	19					49															
WATER DROPLETS PRESENT		IF WATER DROPLET PLUME:	20					50															
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	21					51															
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			22					52															
START — STOP —			23					53															
DESCRIBE BACKGROUND			24					54															
START sky STOP sky			25					55															
BACKGROUND COLOR		SKY CONDITIONS	26					56															
START blue STOP blue		START Clear STOP Clear	27					57															
WIND SPEED		WIND DIRECTION	28					58															
START 8 mph STOP 8 mph		START NE STOP NE	29					59															
AMBIENT TEMP.		WET BULB TEMP.	30					60															
START 75° STOP 75°		RH, percent	Source Layout Sketch			Draw North Arrow			AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE											
		76%				<input type="checkbox"/> MINIMUM <input type="checkbox"/> MAXIMUM			OBSERVER'S NAME (PRINT) Michelle Robinson			OBSERVER'S SIGNATURE Michelle Robinson DATE 4/12/12											
COMMENTS															I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE TITLE _____ DATE _____			CERTIFIED BY ETA DATE 1/20/12			VERIFIED BY _____ DATE _____		
27°10'16" N 80°13'8" W																							

Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Turbo Combustor Tech.			4/12/12				10:09		10:24			
ADDRESS			SEC	MIN			SEC	MIN				
3651 SE Commerce Ave.				0	15	30	45		0	15	30	45
CITY			STATE			ZIP						
Stuart			FL			34997						
PHONE			SOURCE ID NUMBER									
			0850017									
PROCESS EQUIPMENT			OPERATING MODE									
Spray booth #2			normal									
CONTROL EQUIPMENT			OPERATING MODE									
Filters			normal									
DESCRIBE EMISSION POINT												
START above stack STOP Above stack												
HEIGHT ABOVE GROUND LEVEL			HEIGHT RELATIVE TO OBSERVER									
START 30 ft STOP 30 ft			START 25 ft STOP 25 ft									
DISTANCE FROM OBSERVER			DIRECTION FROM OBSERVER									
START 50 ft STOP 50 ft			START N STOP N									
DESCRIBE EMISSIONS												
START ~ STOP ~												
EMISSION COLOR			PLUME TYPE									
START n/a STOP n/a			CONTINUOUS <input type="checkbox"/>									
			FUGITIVE <input type="checkbox"/>									
WATER DROPLETS PRESENT			IF WATER DROPLET PLUME									
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			ATTACHED <input type="checkbox"/>									
			DETACHED <input type="checkbox"/>									
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED												
START ~ STOP ~												
DESCRIBE BACKGROUND												
START Sky STOP Sky												
BACKGROUND COLOR			SKY CONDITIONS									
START Blue STOP Blue			START clear STOP clear									
WIND SPEED			WIND DIRECTION									
START 4 mph STOP 8 mph			START NE STOP NE									
AMBIENT TEMP.			WET BULB TEMP.		RH, percent							
START 75° STOP 75°			—		76%							
Source Layout Sketch			Draw North Arrow									
AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE									
0			0 % WERE 0									
RANGE OF OPACITY READINGS												
0 MINIMUM			0 MAXIMUM									
OBSERVER'S NAME (PRINT)			Michelle Robinson									
OBSERVER'S SIGNATURE			Michelle Robinson						DATE			
ORGANIZATION			FL DEP									
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			CERTIFIED BY			DATE						
			ETA			1/2012						
TITLE			DATE			VERIFIED BY		DATE				