



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Flagler County SO S/N 80-006616
Date In 2/25/16 Date Out 3/2/2016 Ship P/U H/D CMI EE

Intake Performed By TP

Registration
 Annual
 Return from CMI
 Return from Enforcement
 Electronics
 Other _____

Visual Inspection:
OK Case OK Handle
OK Dry Gas Holder OK Feet
OK Keyboard/Plug OK Back/Plugs
OK Screws tight OK Breath Hose

Other Equipment:
 Power cord
 Printer Cable
 Other Static Bag

Notes: _____

Quality Checks Performed By gg

Breath Tube Screen
 Replace O-Rings
 Instrument Set Up Verified
 R-Value 233
 Flow Verification (L/s)
 Flow Column # ATP103
 32mm .160 (.139 - .169)
 36mm .179 (.156 - .190)
 53mm .250 (.228 - .278)
 103mm .523 (.447 - .547)

Barometric Pressure Check
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 07/14/2017
0.08	SD1011	201502G 02/24/2017
0.20	G4444	201505A 05/12/2017
0.08 DGS	N/A	AG511701 04/27/2017

Flow Calibration Performed By _____

Flow Calibration N/A
 Flow Calibration Complete
 Flow Column # _____
 5L/min - 17mm
 15L/min - 53mm
 30L/min - 103mm

R-Value _____
 Post Calibration Verification (CMI)
 Flow Column # _____
 32mm _____ (.139 - .169)
 36mm _____ (.156 - .190)
 53mm _____ (.228 - .278)
 103mm _____ (.447 - .547)

Maintenance Performed By _____

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Suggested Service

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Optical Bench Calibration Performed By gg

Optical Bench Calibration N/A
 Optical Bench Calibration Complete
 Barometric Pressure Gauge 1018 ID# 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	DR1275	N/A	N/A
0.040	SD3962	15108	08/18/2017
0.100	G2078	15001	05/20/2017
0.200	G2408	15104	05/27/2017
0.400	SD3933	15105	06/10/2017
0.080 DGS	N/A	2014080A1	06/01/2016

Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1018	201507A	07/14/2017
0.08	SD1011	201502G	02/24/2017
0.20	G4444	201505A	05/12/2017
0.08 DGS	N/A	AG511701	04/27/2017

Department Inspection Performed By gg

Barometric Pressure
 ID# 28427 Gauge 1018
 Instrument 1017

Mouth Alcohol Solution Lot # 2015-A
 Acetone Stock Solution Lot # 2015-B

Simulator	Serial Number
0.00	SD1022
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	G4444

Attachments

Form 41
 Pre-Stability Tests
 Flow Calibration

Optical Bench Cal
 Post-Stability Tests
 Other request for registration

Notes: Completed Cal to bring values closer to nominal. gg

QC - BK

Patrick Murphy

Instrument Complies with Chapter 11D-8, FAC
 Instrument Does Not Comply with Chapter 11D-8, FAC

Return to/Place into Evidentiary Use
 Remain Out of Evidentiary Use

Conduct an Agency Inspection Before Evidentiary Use

3/3/16

Quality Control Review

Date

Stability Checks - Instrument # 80-006616 Flagler County So 3/1/2016 22

BBM before calibration

BK

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
03/01/2016
Software: 8100.27

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
03/01/2016
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Model 8000 SN 80-006616
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Software: 8100.27

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
03/01/2016
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	13:21
Control Test	0.079	13:21
Air Blank	0.000	13:22
Control Test	0.079	13:22
Air Blank	0.000	13:23
Control Test	0.079	13:23
Air Blank	0.000	13:23
Control Test	0.079	13:23
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Test	9/210L	Time
Air Blank	0.000	13:16
Control Test	0.196	13:17
Air Blank	0.000	13:17
Control Test	0.198	13:18
Air Blank	0.000	13:18
Control Test	0.198	13:19
Air Blank	0.000	13:20
Control Test	0.000	13:20
Control Test Stats		
Average	0.1973	
Std Dev	0.0012	
Rel Std Dev(%)	0.3852	

Test	9/210L	Time
Air Blank	0.000	13:06
Control Test	0.077	13:07
Air Blank	0.000	13:07
Control Test	0.076	13:08
Air Blank	0.000	13:09
Control Test	0.076	13:09
Air Blank	0.000	13:10
Control Test	0.000	13:10
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

Test	9/210L	Time
Air Blank	0.000	13:01
Control Test	0.047	13:02
Air Blank	0.000	13:03
Control Test	0.047	13:03
Air Blank	0.000	13:04
Control Test	0.048	13:05
Air Blank	0.000	13:05
Control Test	0.000	13:05
Control Test Stats		
Average	0.0473	
Std Dev	0.0006	
Rel Std Dev(%)	1.2198	

DES

Operator's Signature

Operator's Signature

Operator's Signature

Operator's Signature

Optical bench calibration - Instrument # 80-006416 Flagler County SO
 PGM 3/2/2016

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-016616
 03/02/2016 10:42:24
 Auto Calibration
 Max Power Res Value = 39
 Auto Range Res Value = 22

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5660 (-0.0040)
 Sample #2 = 1.5810 (-0.0120)
 Sample #3 = 1.5740 (-0.0090)
 Sample #4 = 1.5670 (-0.0100)
 Avg % Abs = 1.5740 (-0.0103)
 STD DEV = 0.0070 (0.0015)
 REL STD DEV = 0.445 (14.763)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum To = 12773, Sum To = 13227
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.8580 (-0.0110)
 Sample #2 = 1.8440 (0.0030)
 Sample #3 = 1.8270 (0.0360)
 Sample #4 = 1.8490 (0.0140)
 Avg % Abs = 1.8400 (0.0177)
 STD DEV = 0.0115 (0.0168)
 REL STD DEV = 0.627 (95.110)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6460 (0.0070)
 Sample #2 = 3.6490 (0.0170)
 Sample #3 = 3.6330 (0.0300)
 Sample #4 = 3.6530 (0.0150)
 Avg % Abs = 3.6450 (0.0207)
 STD DEV = 0.0106 (0.0081)
 REL STD DEV = 0.290 (39.409)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum To = 12769, Sum To = 13225
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5790 (-0.0160)
 Sample #2 = 3.5920 (-0.0060)
 Sample #3 = 3.5790 (-0.0010)
 Sample #4 = 3.5710 (0.0000)
 Avg % Abs = 3.5807 (-0.0023)
 STD DEV = 0.0106 (0.0032)
 REL STD DEV = 0.296 (137.766)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.9380 (0.0000)
 Sample #2 = 6.9470 (-0.0020)
 Sample #3 = 6.9290 (0.0120)
 Sample #4 = 6.9070 (0.0130)
 Avg % Abs = 6.9277 (0.0077)
 STD DEV = 0.0200 (0.0084)
 REL STD DEV = 0.289 (109.389)

Sol Value = 0.400 g/210L ***
 Fit value = 1.9048 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum To = 12766, Sum To = 13222
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.7990 (0.0000)
 Sample #2 = 6.7840 (0.0230)
 Sample #3 = 6.8360 (0.0020)
 Sample #4 = 6.7890 (0.0330)
 Avg % Abs = 6.8030 (0.0193)
 STD DEV = 0.0287 (0.0158)
 REL STD DEV = 0.422 (81.838)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 12.9170 (0.0000)
 Sample #2 = 12.8930 (0.0310)
 Sample #3 = 12.9200 (0.0220)
 Sample #4 = 12.9110 (0.0230)
 Avg % Abs = 12.9080 (0.0253)
 STD DEV = 0.0137 (0.0049)
 REL STD DEV = 0.107 (19.472)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum To = 12769, Sum To = 13225
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5790 (-0.0160)
 Sample #2 = 3.5920 (-0.0060)
 Sample #3 = 3.5790 (-0.0010)
 Sample #4 = 3.5710 (0.0000)
 Avg % Abs = 3.5807 (-0.0023)
 STD DEV = 0.0106 (0.0032)
 REL STD DEV = 0.296 (137.766)

***** AUTO CAL DATA *****
 <<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.062
 Std Dev = 0.03 Rel Std Dev = 41.67
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.754
 Std Dev = 0.03 Rel Std Dev = 4.09
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.840
 Std Dev = 0.01 Rel Std Dev = 0.63
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.581
 Std Dev = 0.01 Rel Std Dev = 0.30
 Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs = 6.803
 Std Dev = 0.03 Rel Std Dev = 0.42
 Zero Order Coef = -111.87
 First Order Coef = 2573.56
 Second Order Coef = 35.51
 Standard Deviation = 41.647984

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.178
 Std Dev = 0.01 Rel Std Dev = 5.75
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.574
 Std Dev = 0.01 Rel Std Dev = 0.44
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.645
 Std Dev = 0.01 Rel Std Dev = 0.29
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.928
 Std Dev = 0.02 Rel Std Dev = 0.29
 Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs = 12.908
 Std Dev = 0.01 Rel Std Dev = 0.11
 Zero Order Coef = -214.64
 First Order Coef = 1311.16
 Second Order Coef = 14.00
 Standard Deviation = 17.492535

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0010
0.040	0.039	0.0012
0.100	0.100	0.0004
0.200	0.201	-0.0007
0.400	0.400	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.040	0.0004
0.100	0.100	0.0002
0.200	0.200	-0.0004
0.400	0.400	0.0001

Sol Value = 0.100 g/210L ***
 Fit value = 0.3810 mg/l ****
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 3302.00
 Sample #2 = 3270.00
 Sample #3 = 3221.00
 Sample #4 = 3278.00
 Average Result = 3256.3333
 STD DEV = 30.8599
 REL STD DEV = 0.948

***** CHANNEL 2 *****
 Sample #1 = 3241.00
 Sample #2 = 3241.00
 Sample #3 = 3215.00
 Sample #4 = 3248.00
 Average Result = 3234.6667
 STD DEV = 17.3877
 REL STD DEV = 0.538

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1019
 3 um H2O Adjust (mg/l*10,000) = 553
 9 um H2O Adjust (mg/l*10,000) = 575
 **** AUTO CAL PASS

BK

Stability Checks - Instrument #80-006616 Flagler County SO 3/2/2016
 After Calibration BDM

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 03/02/2016
 Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	12:24
Control Test	0.080	12:25
Air Blank	0.000	12:25
Control Test	0.080	12:25
Air Blank	0.000	12:26
Control Test	0.079	12:26
Air Blank	0.000	12:27
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

BK

DCS

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 03/02/2016
 Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	12:19
Control Test	0.196	12:20
Air Blank	0.000	12:21
Control Test	0.198	12:21
Air Blank	0.000	12:22
Control Test	0.199	12:23
Air Blank	0.000	12:23
Control Test Stats		
Average	0.1977	
Std Dev	0.0015	
Rel Std Dev(%)	0.7728	

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 03/02/2016
 Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	12:15
Control Test	0.077	12:16
Air Blank	0.000	12:16
Control Test	0.078	12:17
Air Blank	0.000	12:17
Control Test	0.078	12:18
Air Blank	0.000	12:19
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 03/02/2016
 Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	11:56
Control Test	0.049	11:57
Air Blank	0.000	11:58
Control Test	0.050	11:58
Air Blank	0.000	11:59
Control Test	0.050	12:00
Air Blank	0.000	12:00
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Flagler County SO S/N 80-006616
Date In 1/28/16 Date Out 2/4/2014 Ship P/U H/D CMI EE

Intake Performed By [Signature]

Registration
 Annual
 Return from CMI
 Return from Enforcement Electronics
 Other _____

Visual Inspection:
OK Case OK Handle
OK Dry Gas Holder OK Feet
OK Keyboard/Plug OK Back/Plugs
OK Screws tight OK Breath Hose

Other Equipment:
 Power cord
 Printer Cable
 Other Static Bag, power cord, case changed

Notes: _____

Quality Checks Performed By [Signature]

Breath Tube Screen
 Replace O-Rings
 Instrument Set Up Verified
 R-Value 2.31
 Flow Verification (L/s)
 Flow Column # APP103
 32mm .160 (.139 - .169)
 36mm .174 (.156 - .190)
 53mm .250 (.228 - .278)
 103mm .519 (.447 - .547)

Barometric Pressure Check
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 07/14/2017
0.08	SD1011	2015026 02/21/2017
0.20	SD1025	201505A 05/12/2017
0.08 DGS	N/A	AG511701 01/23/2017

Flow Calibration Performed By _____

Flow Calibration N/A
 Flow Calibration Complete
 Flow Column # _____
 5L/min - 17mm
 15L/min - 53mm
 30L/min - 103mm
 R-Value _____
 Post Calibration Verification (EIS Program)
 Flow Column # _____
 32mm _____ (.139 - .169)
 36mm _____ (.156 - .190)
 53mm _____ (.228 - .278)
 103mm _____ (.447 - .547)

Maintenance Performed By _____

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Suggested Service

RECEIVED
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Optical Bench Calibration Performed By _____

Optical Bench Calibration N/A
 Optical Bench Calibration Complete
 Barometric Pressure Gauge _____ ID # _____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.400			
0.080 DGS	N/A		

Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05			
0.08			
0.20			
0.08 DGS	N/A		

Department Inspection Performed By _____

Barometric Pressure _____ Gauge
 ID# _____ Instrument

Mouth Alcohol Solution Lot # _____
 Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.00	
Interferent	
0.05	
0.08	
0.20	

Attachments

Form 41
 Pre-Stability Tests
 Flow Calibration
 Optical Bench Cal
 Post-Stability Tests
 Other _____

Notes: Based on stability checks - instrument being sent back to CMI. [Signature]
QC - BK

Instrument Complies with Chapter 11D-8, FAC
 Instrument Does Not Comply with Chapter 11D-8, FAC
 Return to/Place into Evidentiary Use
 Remain Out of Evidentiary Use
 Conduct an Agency Inspection Before Evidentiary Use

[Signature]
Quality Control Review

2/5/16
Date

Stability Checks - Instrument # 80-006616 Flagler County SO 2/4/2016 80

WGN

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
02/04/2016
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	10:41
Control Test	0.047	10:41
Air Blank	0.000	10:42
Control Test	0.047	10:43
Air Blank	0.000	10:43
Control Test	0.047	10:44
Air Blank	0.000	10:44
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
02/04/2016
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	10:46
Control Test	0.077	10:46
Air Blank	0.000	10:47
Control Test	0.076	10:48
Air Blank	0.000	10:48
Control Test	0.077	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Operator's Signature

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
02/04/2016
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	10:29
Control Test	0.200	10:30
Air Blank	0.000	10:31
Control Test	0.201	10:31
Air Blank	0.000	10:32
Control Test	0.201	10:32
Air Blank	0.000	10:33
Control Test Stats		
Average	0.2007	
Std Dev	0.0006	
Rel Std Dev(%)	0.2877	

Operator's Signature

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006616
02/04/2016
Software: 8100.27

Test	9/210L	Time
Air Blank	0.000	10:36
Control Test	0.078	10:36
Air Blank	0.000	10:37
Control Test	0.077	10:37
Air Blank	0.000	10:37
Control Test	0.078	10:38
Air Blank	0.000	10:38
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Operator's Signature

BK D6S