



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency MANATEE COUNTY S/N 80-006565
 Date In 1/30/17 Date Out 2/9/17 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>[Signature]</u> ☐ Registration ☒ Annual ☐ Return from CMI ☐ Return from Enforcement Electronics ☐ Other _____ Visual Inspection: <u>OK</u> Case <u>OK</u> Handle <u>OK</u> Dry Gas Holder <u>OK</u> Feet <u>OK</u> Keyboard/Plug <u>OK</u> Back/Plugs <u>OK</u> Screws tight <u>OK</u> Breath Hose Other Equipment: ☐ Power cord ☐ Printer Cable ☒ Other <u>STATIC BAG</u> Notes: _____ _____ _____	Quality Checks Performed By <u>SP</u> ☒ Breath Tube Screen ☒ Replace O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>193</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>.160</u> (.139 - .169) 36mm <u>.175</u> (.156 - .190) 53mm <u>.242</u> (.228 - .278) 103mm <u>.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</u> ☒ Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td><u>G3709</u></td> <td><u>201603D</u> <u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201601F</u> <u>1-26-18</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3855</u></td> <td><u>201604C</u> <u>4-5-18</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG626605</u> <u>9-22-18</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.05	<u>G3709</u>	<u>201603D</u> <u>3-8-18</u>	0.08	<u>DR1279</u>	<u>201601F</u> <u>1-26-18</u>	0.20	<u>DR3855</u>	<u>201604C</u> <u>4-5-18</u>	0.08 DGS	N/A	<u>AG626605</u> <u>9-22-18</u>	Flow Calibration Performed By <u>[Signature]</u> ☒ Flow Calibration N/A ☐ Flow Calibration Complete Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) 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 _____ _____
Simulator	Serial #	Lot #/Exp															
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0.08 DGS	N/A	<u>AG626605</u> <u>9-22-18</u>															

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 FEB 10 2017
 FDLE
 Alcohol Testing Program

Optical Bench Calibration Performed By <u>SP</u> ☐ Optical Bench Calibration N/A ☒ Optical Bench Calibration Complete Barometric Pressure Gauge <u>1016</u> ID # <u>26932</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td><u>SD1016</u></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td><u>SD1024</u></td> <td><u>16101</u></td> <td><u>2-2-18</u></td> </tr> <tr> <td>0.100</td> <td><u>SD1013</u></td> <td><u>16001</u></td> <td><u>5-8-18</u></td> </tr> <tr> <td>0.200</td> <td><u>DR3856</u></td> <td><u>16103</u></td> <td><u>6-14-18</u></td> </tr> <tr> <td>0.400</td> <td><u>G2403</u></td> <td><u>16102</u></td> <td><u>3-22-18</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>15615050A2</u></td> <td><u>7-5-17</u></td> </tr> </tbody> </table> ☒ Post Calibration Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td><u>G3709</u></td> <td><u>201603D</u></td> <td><u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201601F</u></td> <td><u>1-26-18</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3855</u></td> <td><u>201604C</u></td> <td><u>4-5-18</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG626605</u></td> <td><u>9-22-18</u></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	<u>SD1016</u>	N/A	N/A	0.040	<u>SD1024</u>	<u>16101</u>	<u>2-2-18</u>	0.100	<u>SD1013</u>	<u>16001</u>	<u>5-8-18</u>	0.200	<u>DR3856</u>	<u>16103</u>	<u>6-14-18</u>	0.400	<u>G2403</u>	<u>16102</u>	<u>3-22-18</u>	0.080 DGS	N/A	<u>15615050A2</u>	<u>7-5-17</u>	Simulator	Serial Number	Lot Number	Expiration	0.05	<u>G3709</u>	<u>201603D</u>	<u>3-8-18</u>	0.08	<u>DR1279</u>	<u>201601F</u>	<u>1-26-18</u>	0.20	<u>DR3855</u>	<u>201604C</u>	<u>4-5-18</u>	0.08 DGS	N/A	<u>AG626605</u>	<u>9-22-18</u>	Department Inspection Performed By <u>SP</u> ☒ Barometric Pressure ID# <u>28427</u> <u>1018</u> Gauge <u>1019</u> Instrument Mouth Alcohol Solution Lot # <u>2016-A</u> Acetone Stock Solution Lot # <u>2016-B</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td><u>G2880</u></td> </tr> <tr> <td>Interferent</td> <td><u>G2834</u></td> </tr> <tr> <td>0.05</td> <td><u>G3709</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3855</u></td> </tr> </tbody> </table> Attachments ☒ Form 41 ☒ Pre-Stability Tests ☒ Flow Calibration ☒ Optical Bench Cal ☒ Post-Stability Tests ☐ Other _____	Simulator	Serial Number	0.00	<u>G2880</u>	Interferent	<u>G2834</u>	0.05	<u>G3709</u>	0.08	<u>DR1279</u>	0.20	<u>DR3855</u>
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Notes: QC [Signature] 2/9/17

- ☒ 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

Quality Control Review

Date

STABILITY CHECKS - INSTRUMENT # 80-006565 - MANATEE COUNTY SO
2/2/17
SP

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006565
02/02/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:35
Control Test	0.047	09:36
Air Blank	0.000	09:36
Control Test	0.048	09:37
Air Blank	0.000	09:38
Control Test	0.048	09:38
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006565
02/02/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.077	09:40
Air Blank	0.000	09:41
Control Test	0.077	09:42
Air Blank	0.000	09:42
Control Test	0.077	09:43
Air Blank	0.000	09:43
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006565
02/02/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.193	09:51
Air Blank	0.000	09:51
Control Test	0.193	09:52
Air Blank	0.000	09:52
Control Test	0.193	09:53
Air Blank	0.000	09:53
Control Test Stats		
Average	0.1930	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006565
02/02/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.079	09:32
Air Blank	0.000	09:33
Control Test	0.079	09:33
Air Blank	0.000	09:34
Control Test	0.079	09:34
Air Blank	0.000	09:34
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

MANATEE COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000 SN 80-005565

02/09/2017 09:16:49

Auto Calibration

Max Power Res Value = 79

Auto Range Res Value = 58

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.4860 (-0.0200)
 Sample #2 = 1.4550 (0.0040)
 Sample #3 = 1.4560 (0.0150)
 Sample #4 = 1.4550 (0.0220)
 Avg % Abs = 1.4587 (0.0137)
 STD DEV = 0.0055 (0.0091)
 REL STD DEV = 0.378 (66.393)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12695, Sum Io = 13061

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.7630 (-0.0100)
 Sample #2 = 1.7920 (-0.0040)
 Sample #3 = 1.7470 (0.0250)
 Sample #4 = 1.7940 (0.0090)
 Avg % Abs = 1.7777 (0.0100)
 STD DEV = 0.0266 (0.0145)
 REL STD DEV = 1.495 (145.258)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.4700 (-0.0020)
 Sample #2 = 3.4990 (0.0070)
 Sample #3 = 3.4930 (0.0180)
 Sample #4 = 3.5240 (0.0130)
 Avg % Abs = 3.5053 (0.0127)
 STD DEV = 0.0164 (0.0055)
 REL STD DEV = 0.469 (43.481)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12689, Sum Io = 13059

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.4700 (-0.0110)
 Sample #2 = 3.5180 (-0.0120)
 Sample #3 = 3.5220 (0.0000)
 Sample #4 = 3.4980 (0.0080)
 Avg % Abs = 3.5127 (-0.0013)
 STD DEV = 0.0129 (0.0101)
 REL STD DEV = 0.366 (754.984)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.1070 (-0.0080)
 Sample #2 = 0.1200 (-0.0060)
 Sample #3 = 0.1150 (-0.0010)
 Sample #4 = 0.1080 (0.0140)
 Avg % Abs = 0.1143 (0.0023)
 STD DEV = 0.0060 (0.0104)
 REL STD DEV = 5.272 (446.071)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12706, Sum Io = 13065

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.7470 (-0.0230)
 Sample #2 = 0.6970 (0.0270)
 Sample #3 = 0.6920 (0.0390)
 Sample #4 = 0.6970 (0.0660)
 Avg % Abs = 0.6953 (0.0440)
 STD DEV = 0.0029 (0.0200)
 REL STD DEV = 0.415 (45.398)

***** AUTO CAL DATA *****

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.012
 Std Dev = 0.03 Rel Std Dev = 236.04
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.695
 Std Dev = 0.00 Rel Std Dev = 0.42
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.778
 Std Dev = 0.03 Rel Std Dev = 1.50
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.513
 Std Dev = 0.01 Rel Std Dev = 0.37
 Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs = 6.804
 Std Dev = 0.01 Rel Std Dev = 0.18
 Zero Order Coef = 10.53
 First Order Coef = 2626.66
 Second Order Coef = 25.03
 Standard Deviation = 36.505875

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.114
 Std Dev = 0.01 Rel Std Dev = 5.27
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.459
 Std Dev = 0.01 Rel Std Dev = 0.38
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.505
 Std Dev = 0.02 Rel Std Dev = 0.47
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.744
 Std Dev = 0.01 Rel Std Dev = 0.21
 Sol Val = 1.9048 mg/l or 0.400 g/210L
 % Abs = 12.730
 Std Dev = 0.02 Rel Std Dev = 0.13
 Zero Order Coef = -128.33
 First Order Coef = 1351.75
 Second Order Coef = 12.12
 Standard Deviation = 23.637619

OPTICAL BENCH

CAUBRATION

INSTRUMENT# 80-006505

Solution Status Quadratic Fit Chan 1
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0009
 0.040 0.039 0.0012
 0.100 0.100 0.0001
 0.200 0.200 -0.0005
 0.400 0.400 0.0001

Solution Status Quadratic Fit Chan 2
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0006
 0.040 0.039 0.0007
 0.100 0.100 0.0001
 0.200 0.200 -0.0003
 0.400 0.400 0.0001

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1 *****

Sample #1 = 3639.00
 Sample #2 = 3617.00
 Sample #3 = 3628.00
 Sample #4 = 3654.00
 Average Result = 3633.0000
 STD DEV = 19.0000
 REL STD DEV = 0.523

***** CHANNEL 2 *****

Sample #1 = 3429.00
 Sample #2 = 3408.00
 Sample #3 = 3417.00
 Sample #4 = 3399.00
 Average Result = 3408.0000
 STD DEV = 9.0000
 REL STD DEV = 0.264

Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1018
 3 um H2O Adjust (mg/l*10,000) = 176
 9 um H2O Adjust (mg/l*10,000) = 401
 ***** AUTO CAL PASS

POST CALIBRATION STABILITY CHECKS - INSTRUMENT # 80-006565 SP

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
02/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:09
Control Test	0.050	10:10
Air Blank	0.000	10:11
Control Test	0.050	10:11
Air Blank	0.000	10:12
Control Test	0.050	10:13
Air Blank	0.000	10:13
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
02/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:04
Control Test	0.079	10:05
Air Blank	0.000	10:06
Control Test	0.079	10:06
Air Blank	0.000	10:07
Control Test	0.080	10:07
Air Blank	0.000	10:08
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

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MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
02/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:57
Control Test	0.198	09:57
Air Blank	0.000	09:58
Control Test	0.196	09:59
Air Blank	0.000	09:59
Control Test	0.198	10:00
Air Blank	0.000	10:00
Control Test Stats		
Average	0.1973	
Std Dev	0.0012	
Rel Std Dev(%)	0.5952	

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Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
02/09/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:01
Control Test	0.090	10:02
Air Blank	0.000	10:02
Control Test	0.081	10:02
Air Blank	0.000	10:03
Control Test	0.080	10:03
Air Blank	0.000	10:04
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DA'S

SP

Operator's Signature

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