



INSTRUMENT PROCESSING SHEET

Florida Department of
Law EnforcementAgency Manatee County SOS/N 80-006634Date In 8/29/18DI Completion Date 9/7/18☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>SQC</u> ☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☐ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____	Quality Checks Performed By <u>SP</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>220 228 SP</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>.164</u> (.139 - .169) 36 mm <u>.183</u> (.156 - .190) 53 mm <u>.250</u> (.228 - .278) 103 mm <u>.535</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</u> ☒ Stability Checks	Flow Calibration Performed By _____ Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																																											
Final Release Date FDLE SEP 07 2018 Alcohol Testing Program	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td><u>SD1021</u></td> <td><u>201707D 7-25-19</u></td> </tr> <tr> <td>0.080</td> <td><u>DR1275</u></td> <td><u>201707E 7-25-19</u></td> </tr> <tr> <td>0.200</td> <td><u>SD1013</u></td> <td><u>201707C 7-24-19</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG805701 2-26-20</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>SD1021</u>	<u>201707D 7-25-19</u>	0.080	<u>DR1275</u>	<u>201707E 7-25-19</u>	0.200	<u>SD1013</u>	<u>201707C 7-24-19</u>	0.080 DGS	N/A	<u>AG805701 2-26-20</u>	Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>SP</u> ☒ Lab Temp °C <u>22.2</u> External Digital Therm. ID#: <u>300504</u> ☒ 34°C +/- .2 Serial #: <u>SD1018</u> ☒ 34°C +/- .2 Serial #: <u>SD3962</u> ☒ 34°C +/- .2 Serial #: <u>G2078</u>																																												
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Notes/Suggested Service: <u>Performed cal adjustment to bring values closer to nominal. SP</u> _____ _____ _____ _____	Attachments ☒ Form 41 ☒ Post-Stability Checks <u>X2</u> ☒ Stability Checks <u>X2 SP</u> ☐ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☒ Calibration Adjustment <u>X2</u> ☐ Other _____ ☒ 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 <u>SP 9/7/18</u> Tech Review / Date <u>Brutt/Kirkland 9/7/18</u> Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 13:17

Date of Inspection: 09/07/2018

Serial Number: 80-006634
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.050	0.080	0.200	0.078
0.000	0.051	0.081	0.202	0.078
0.000	0.051	0.082	0.202	0.078
0.000	0.051	0.082	0.202	0.078
0.000	0.051	0.082	0.201	0.078
0.000	0.051	0.082	0.200	0.078
0.000	0.051	0.081	0.201	0.078
0.000	0.051	0.081	0.200	0.078
0.000	0.051	0.082	0.201	0.079
0.000	0.050	0.082	0.200	0.079

Standard Deviations	0.0004	0.0007	0.0008	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

SHAYLA D PLATT
Signature and Printed Name

09/07/2018
Date

9/7/18
JB

BK

STABILITY CHECKS #80-0006634

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
09/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:27
Control Test	0.046	13:28
Air Blank	0.000	13:28
Control Test	0.046	13:29
Air Blank	0.000	13:29
Control Test	0.047	13:30
Air Blank	0.000	13:30
Control Test Stats		
Average	0.0463	
Std Dev	0.0006	
Rel Std Dev(%)	1.2461	

SP

Operator's Signature

9/7/18
JD

BK

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
09/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:44
Control Test	0.078	13:45
Air Blank	0.000	13:45
Control Test	0.079	13:46
Air Blank	0.000	13:47
Control Test	0.078	13:47
Air Blank	0.000	13:48
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
09/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:59
Control Test	0.197	13:59
Air Blank	0.000	14:00
Control Test	0.198	14:00
Air Blank	0.000	14:01
Control Test	0.198	14:02
Air Blank	0.000	14:02
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
09/06/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:44
Control Test	0.079	14:45
Air Blank	0.000	14:45
Control Test	0.079	14:46
Air Blank	0.000	14:46
Control Test	0.079	14:46
Air Blank	0.000	14:47
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006634, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006634</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MANATEE COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>09/07/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>13:17</u>	0.200 g/ 210 L	0.008
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

09/07/2018

Date

Shayla Platt

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

9/7/18
J2
BK

MANATEE COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000
09/07/2018
SN 80-006634
07:36:22

Auto Calibration

Max Power Res Value = 63

Auto Range Res Value = 44

CHANCELL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.3190 (0.0030)
Sample #2 = 1.3390 (0.0000)
Sample #3 = 1.3550 (-0.0020)
Sample #4 = 1.3740 (-0.0140)
Avg % Abs = 1.3560 (-0.0053)
STD DEV = 0.0175 (0.0076)
REL STD DEV = 1.292 (141.973)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12693, Sum Io = 13157
CHANCELL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.6930 (-0.0150)
Sample #2 = 1.7250 (0.0000)
Sample #3 = 1.7540 (-0.0130)
Sample #4 = 1.7480 (0.0000)
Avg % Abs = 1.7423 (-0.0043)
STD DEV = 0.0153 (0.0075)
REL STD DEV = 0.879 (173.205)

CHANCELL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5130 (-0.0080)
Sample #2 = 3.5190 (0.0270)
Sample #3 = 3.5420 (0.0150)
Sample #4 = 3.5660 (0.0150)
Avg % Abs = 3.5423 (0.0190)
STD DEV = 0.0235 (0.0069)
REL STD DEV = 0.663 (36.464)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12692, Sum Io = 13153
CHANCELL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.3300 (0.0020)
Sample #2 = 3.3900 (-0.0100)
Sample #3 = 3.3610 (0.0190)
Sample #4 = 3.3940 (0.0010)
Avg % Abs = 3.3817 (0.0033)
STD DEV = 0.0180 (0.0146)
REL STD DEV = 0.533 (439.204)

CHANCELL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.6790 (-0.0040)
Sample #2 = 6.7620 (-0.0190)
Sample #3 = 6.7420 (0.0060)
Sample #4 = 6.7780 (-0.0120)
Avg % Abs = 6.7607 (-0.0083)
STD DEV = 0.0180 (0.0129)
REL STD DEV = 0.267 (154.764)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12690, Sum Io = 13152
CHANCELL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 4.9460 (-0.0060)
Sample #2 = 4.9460 (0.0020)
Sample #3 = 4.9420 (0.0140)
Sample #4 = 4.9460 (0.0180)
Avg % Abs = 4.9447 (0.0113)
STD DEV = 0.0023 (0.0083)
REL STD DEV = 0.047 (73.471)

CHANCELL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.7170 (0.0020)
Sample #2 = 9.7610 (0.0010)
Sample #3 = 9.7440 (0.0100)
Sample #4 = 9.7870 (-0.0020)
Avg % Abs = 9.7640 (0.0030)
STD DEV = 0.0217 (0.0062)
REL STD DEV = 0.222 (208.167)

Sol Value = 0.400 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12692, Sum Io = 13153
CHANCELL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.3300 (0.0020)
Sample #2 = 3.3900 (-0.0100)
Sample #3 = 3.3610 (0.0190)
Sample #4 = 3.3940 (0.0010)
Avg % Abs = 3.3817 (0.0033)
STD DEV = 0.0180 (0.0146)
REL STD DEV = 0.533 (439.204)

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

CHANCELL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.008
Std Dev = 0.04 Rel Std Dev = 546.32
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.617
Std Dev = 0.01 Rel Std Dev = 1.86
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.742
Std Dev = 0.02 Rel Std Dev = 0.88
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.382
Std Dev = 0.02 Rel Std Dev = 0.53
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.945
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = 83.76
First Order Coef = 2641.28
Second Order Coef = 46.11
Standard Deviation = 106.480484

CHANCELL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.132
Std Dev = 0.01 Rel Std Dev = 11.01
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.356
Std Dev = 0.02 Rel Std Dev = 1.29
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.542
Std Dev = 0.02 Rel Std Dev = 0.66
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.761
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.764
Std Dev = 0.02 Rel Std Dev = 0.22
Zero Order Coef = -77.32
First Order Coef = 1326.71
Second Order Coef = 14.57
Standard Deviation = 96.687325

CHANCELL 1 >>>>
Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
CHANCELL 1
Sample #1 = 3546.00
Sample #2 = 3522.00
Sample #3 = 3535.00
Sample #4 = 3535.00
Average Result = 3530.6667
STD DEV = 7.5056
REL STD DEV = 0.213
CHANCELL 2
Sample #1 = 3427.00
Sample #2 = 3409.00
Sample #3 = 3417.00
Sample #4 = 3442.00
Average Result = 3422.6667
STD DEV = 17.2143
REL STD DEV = 0.503

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1015
3 um H2O Adjust (mg/l*10,000) = 279
9 um H2O Adjust (mg/l*10,000) = 387
***** AUTO CAL PASS

CALIBRATION ADJUSTMENT #1
#80-006634 SP

9/7/18
JH
BCK

POST CALIBRATION ADJUSTMENT STABILITY CHECKS #1

#80-006634

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:24
Control Test	0.051	08:25
Air Blank	0.000	08:25
Control Test	0.051	08:26
Air Blank	0.000	08:27
Control Test	0.051	08:27
Air Blank	0.000	08:28
Control Test Stats		
Average	0.0510	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

9/7/18
JD
BCK

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.082	08:30
Air Blank	0.000	08:30
Control Test	0.082	08:31
Air Blank	0.000	08:31
Control Test	0.083	08:32
Air Blank	0.000	08:33
Control Test Stats		
Average	0.0823	
Std Dev	0.0006	
Rel Std Dev(%)	0.7012	

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:34
Control Test	0.199	08:34
Air Blank	0.000	08:35
Control Test	0.200	08:36
Air Blank	0.000	08:36
Control Test	0.201	08:37
Air Blank	0.000	08:37
Control Test Stats		
Average	0.2000	
Std Dev	0.0010	
Rel Std Dev(%)	0.5000	

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:38
Control Test	0.079	08:39
Air Blank	0.000	08:39
Control Test	0.078	08:39
Air Blank	0.000	08:40
Control Test	0.078	08:40
Air Blank	0.000	08:41
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

SP

Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018 08:43:56

Auto Calibration
Max Power Res Value = 63
Auto Range Res Value = 44

*** AUTO CAL FAIL

ENTERED
INCORRECT
VALUE FOR DGS.
SP

9/7/18
DO
BK

MINNETEE COUNTY 50

Intoxilyzer - Alcohol Analyzer

Model 8000

SN 80-006634

09/07/2018

08:48:45

Auto Calibration

Max Power Res Value = 63

Auto Range Res Value = 44

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.3920 (-0.0090)
Sample #2 = 1.4300 (-0.0120)
Sample #3 = 1.4560 (-0.0150)
Sample #4 = 1.4520 (-0.0040)
Avg % Abs = 1.4460 (-0.0103)
STD DEV = 0.0140 (0.0057)
REL STD DEV = 0.968 (55.028)

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12710, Sum Io = 13158

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0490 (-0.0020)
Sample #2 = 0.0390 (0.0230)
Sample #3 = 0.0200 (0.0580)
Sample #4 = 0.0560 (0.0350)
Avg % Abs = 0.0383 (0.0387)
STD DEV = 0.0180 (0.0178)
REL STD DEV = 46.981 (45.998)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1600 (-0.0090)
Sample #2 = 0.1380 (0.0080)
Sample #3 = 0.1520 (0.0120)
Sample #4 = 0.1510 (0.0000)
Avg % Abs = 0.1470 (0.0067)
STD DEV = 0.0078 (0.0061)
REL STD DEV = 5.313 (91.652)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12700, Sum Io = 13156

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.6310 (-0.0170)
Sample #2 = 0.6400 (-0.0180)
Sample #3 = 0.6720 (-0.0190)
Sample #4 = 0.6580 (-0.0030)
Avg % Abs = 0.6557 (-0.0113)
STD DEV = 0.0160 (0.0124)
REL STD DEV = 2.443 (109.616)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.3640 (-0.0120)
Sample #2 = 3.3930 (0.0010)
Sample #3 = 3.4090 (0.0090)
Sample #4 = 3.3840 (0.0340)
Avg % Abs = 3.3953 (0.0147)
STD DEV = 0.0127 (0.0172)
REL STD DEV = 0.373 (117.370)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.7180 (0.0000)
Sample #2 = 6.7450 (0.0190)
Sample #3 = 6.7950 (0.0000)
Sample #4 = 6.7620 (0.0220)
Avg % Abs = 6.7673 (0.0137)
STD DEV = 0.0254 (0.0119)
REL STD DEV = 0.376 (87.295)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12693, Sum Io = 13155

<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 4.9230 (0.0000)
Sample #2 = 4.9620 (0.0090)
Sample #3 = 4.9640 (0.0150)
Sample #4 = 4.9600 (0.0270)
Avg % Abs = 4.9620 (0.0170)
STD DEV = 0.0020 (0.0092)
REL STD DEV = 0.040 (53.913)

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.7430 (-0.0060)
Sample #2 = 9.7730 (0.0220)
Sample #3 = 9.8140 (0.0070)
Sample #4 = 9.8100 (0.0260)
Avg % Abs = 9.7990 (0.0183)
STD DEV = 0.0226 (0.0100)
REL STD DEV = 0.231 (54.636)

<<<< CHANNEL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.038
Std Dev = 0.02 Rel Std Dev = 46.98
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.657
Std Dev = 0.02 Rel Std Dev = 2.44
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.739
Std Dev = 0.03 Rel Std Dev = 1.87
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.395
Std Dev = 0.01 Rel Std Dev = 0.37
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 4.962
Std Dev = 0.00 Rel Std Dev = 0.04
Zero Order Coef = -16.77
First Order Coef = 2700.30
Second Order Coef = 35.88
Standard Deviation = 83.552071

<<<< CHANNEL 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.147
Std Dev = 0.01 Rel Std Dev = 5.31
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.446
Std Dev = 0.01 Rel Std Dev = 0.97
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.566
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.767
Std Dev = 0.03 Rel Std Dev = 0.38
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.799
Std Dev = 0.02 Rel Std Dev = 0.23
Zero Order Coef = -146.48
First Order Coef = 1337.39
Second Order Coef = 13.74
Standard Deviation = 54.413475

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.002 -0.0018
0.040 0.037 0.0028
0.100 0.101 -0.0005
0.200 0.201 -0.0009
0.300 0.300 0.0004

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0011
0.040 0.038 0.0019
0.100 0.101 -0.0008
0.200 0.200 -0.0002
0.300 0.300 0.0002

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

Sample #1 = 3468.00
Sample #2 = 3578.00
Sample #3 = 3581.00
Sample #4 = 3493.00
Average Result = 3550.6667
STD DEV = 49.9633
REL STD DEV = 1.407
***** CHANNEL 2

Sample #1 = 3367.00
Sample #2 = 3382.00
Sample #3 = 3391.00
Sample #4 = 3412.00
Average Result = 3395.0000
STD DEV = 15.3948
REL STD DEV = 0.453
***** CHANNEL 1

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1015
3 um H2O Adjust (mg/l*10,000) = 259
9 um H2O Adjust (mg/l*10,000) = 414
**** AUTO CAL PASS

CAL ADJUSTMENT #2
80-006634 SP

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POST CAL ADJUSTMENT STABILITY CHECKS #2

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.049	09:34
Air Blank	0.000	09:35
Control Test	0.050	09:35
Air Blank	0.000	09:36
Control Test	0.050	09:36
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

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MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:28
Control Test	0.080	09:29
Air Blank	0.000	09:29
Control Test	0.081	09:30
Air Blank	0.000	09:31
Control Test	0.081	09:31
Air Blank	0.000	09:32
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

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MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:41
Control Test	0.198	09:42
Air Blank	0.000	09:42
Control Test	0.199	09:43
Air Blank	0.000	09:44
Control Test	0.200	09:44
Air Blank	0.000	09:45
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

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MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006634
09/07/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.078	09:46
Air Blank	0.000	09:47
Control Test	0.079	09:47
Air Blank	0.000	09:48
Control Test	0.078	09:48
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

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Operator's Signature