FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Manatee County S/N 80-006694

Date In 10/3/2019 DI Completion Date 10/10/19 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake — Performed By DP

☑ 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: ____

Final Release Date

FDLE

OCT 14 2019

Alcohol Testing Program

Quality Checks — Performed By SP

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 124
☒ Flow Verification (L/s)

Flow Column # ATP103

32 mm	.140	(.139 - .169)
36 mm	.164	(.156 - .190)
53 mm	.238	(.228 - .278)
103 mm	.511	(.447 - .547)

☒ Barometric Pressure Check
Gauge ID # 26932
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	201905A 5-14-21
0.080	MP5089	201905B 5-14-21
0.200	MP5090	201904D 4-30-21
0.080 DGS	N/A	AG916501 6-14-21

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)

Maintenance — Performed By ____

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other ____

Temperature Checks — Performed By SP

☒ Lab Temp °C 22.6
External Digital Therm. ID#: 300505
☒ 34°C +-.2 Serial #: MP5088
☒ 34°C +-.2 Serial #: MP5089
☒ 34°C +-.2 Serial #: MP5090

Calibration Adjustment — Performed By ____

Barometric Pressure Gauge ____ ID # ____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection — Performed By SP

Barometric Pressure ID# 26932
Gauge 1014 Instrument 1012
Mouth Alcohol Solution Lot # 2018-B
Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

☒ Form 41 ☐ Post-Stability Checks
☒ Stability Checks ☐ Flow Calibration
☒ Calibration Certificate ☒ Form 40
☐ Calibration Adjustment ☐ Other ____

Notes/Suggested Service: ____

☒ **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**

RPM 10/14/19 Brett Kirkland 10/14/19

Tech Review / Date Admin Review / Date

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 80-006694 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006694
Owning Agency:	MANATEE COUNTY SO
Calibration Date:	10/09/2019
Calibration Time:	15:27

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
0.200 g/ 210 L	0.007
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.

10/09/2019
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 July 2018
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

PDM
BK
10/14/19

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 15:27
Date of Inspection: 10/09/2019
Serial Number: 80-006694
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.048	0.080	0.201	0.079
0.000	0.048	0.079	0.201	0.078
0.000	0.048	0.080	0.200	0.078
0.000	0.048	0.079	0.200	0.078
0.000	0.048	0.080	0.200	0.079
0.000	0.048	0.079	0.200	0.079
0.000	0.048	0.079	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.201	0.079

Standard Deviations	0.0004	0.0005	0.0005	0.0005

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

Remarks:

BK
10/14/19

The above instrument complies (X) 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

10/09/2019
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks #80-006694

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
10/09/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:36
Control Test	0.049	12:36
Air Blank	0.000	12:37
Control Test	0.048	12:38
Air Blank	0.000	12:38
Control Test	0.048	12:39
Air Blank	0.000	12:39
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Pom

13K
10/14/19

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
10/09/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:52
Control Test	0.079	12:53
Air Blank	0.000	12:53
Control Test	0.079	12:54
Air Blank	0.000	12:55
Control Test	0.079	12:55
Air Blank	0.000	12:56
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
10/09/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:11
Control Test	0.199	12:12
Air Blank	0.000	12:12
Control Test	0.199	12:13
Air Blank	0.000	12:13
Control Test	0.199	12:14
Air Blank	0.000	12:15
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
10/09/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:58
Control Test	0.078	12:59
Air Blank	0.000	12:59
Control Test	0.078	13:00
Air Blank	0.000	13:00
Control Test	0.078	13:00
Air Blank	0.000	13:01
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MANATEE COUNTY SO
Time of Inspection: 12:09

Date of Inspection: 10/09/2019

Serial Number: 80-006694
Software: 8100.27

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

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:
BYPASSED AI TO OPERATE INSTRUMENT

BK
10/14/19

N/A COMPLIANCE
NOT DETERMINED.

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

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt SHAYLA D PLATT
Signature and Printed Name

10/09/2019
Date

FDLE/ATP Form 40 – March 2004

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Glenn Cline on 7/24/2019

Items Returned: Instrument ☑ Supplies ☐ Other ☐ Describe: ____________

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006694

Bill To Address:	Ship to Address:
Manatee County SO	FDLE-ATP Tallahassee

Reason for Return:

Unable to bring values within acceptable range. Performed two calibration adjustments.

(See attached)

Please choose one of the following options:

☐ 1. I ____________________, authorize all repairs.

☐ 2. I ____________________, authorize repairs up to $__________.

☑ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Glenn Cline

Phone #: 941-348-7646 Email: Glenn.Cline@manateesheriff.com

ATP Contact Name: Shayla Platt ATP Email: shaylaplatt@fdle.state.fl.us

Pgom
BK
10/14/19

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Manatee County S/N 80-006694

Date In 7/17/2019 DI Completion Date ______ ☐Ship ☐P/U ☐H/D ☒CMI ☐EE

Intake Performed By DP

☑ 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: ______

Final Release Date

Quality Checks Performed By SP

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 124
☒ Flow Verification (L/s)

Flow Column # ATP103

32 mm	.109	(.139 - .169)
36 mm	.125	(.156 - .190)
53 mm	.191	(.228 - .278)
103 mm	.429	(.447 - .547)

☒ Barometric Pressure Check
Gauge ID # 26932
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201707D 7-25-19
0.080	DR1279	201707E 7-25-19
0.200	SD1013	201707C 7-24-19
0.080 DGS	N/A	AG916501 6-14-21

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)

Maintenance Performed By ______

☐ Battery Replacement
☐ Dry Gas Regulator Replacement
☐ Breath Tube Replacement
☐ Other ______

Temperature Checks Performed By ______

☐ Lab Temp °C ______
External Digital Therm. ID#: ______
☐ 34°C +-.2 Serial #: ______
☐ 34°C +-.2 Serial #: ______
☐ 34°C +-.2 Serial #: ______

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1012 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3-4-21
0.100	G2879	18200	7-3-20
0.200	SD1019	19040	1-29-21
0.300	G8142	18110	4-2-20
0.080 DGS	N/A	SP 177/1781708OA2	8-5-19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1012	201707D	7-25-19
0.080	DR1279	201707E	7-25-19
0.200	SD1013	201707C	7-24-19
0.080 DGS	N/A	AG916501	6-14-21

Department Inspection Performed By ______

Barometric Pressure ID# ______
Gauge ______ Instrument ______
Mouth Alcohol Solution Lot # ______
Acetone Stock Solution Lot # ______

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

☐ Form 41 ☒ Post-Stability Checks
☒ Stability Checks ☐ Flow Calibration
☐ Calibration Certificate ☐ Form 40
☒ Calibration Adjustment ☐ Other ______

Notes/Suggested Service: ______

☐ **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**

Tech Review / Date Admin Review / Date

PDM
+3K
10/14/19

Stability Checks # 80-006694

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:04
Control Test	0.046	08:05
Air Blank	0.000	08:06
Control Test	0.047	08:06
Air Blank	0.000	08:07
Control Test	0.047	08:07
Air Blank	0.000	08:08
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

SP
Operator's Signature

PSM
TBK
10/14/19

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:55
Control Test	0.076	07:55
Air Blank	0.000	07:56
Control Test	0.076	07:57
Air Blank	0.000	07:57
Control Test	0.077	07:58
Air Blank	0.000	07:58
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:59
Control Test	0.193	08:00
Air Blank	0.000	08:01
Control Test	0.192	08:01
Air Blank	0.000	08:02
Control Test	0.193	08:03
Air Blank	0.000	08:03
Control Test Stats		
Average	0.1927	
Std Dev	0.0006	
Rel Std Dev(%)	0.2997	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:51
Control Test	0.080	07:52
Air Blank	0.000	07:52
Control Test	0.080	07:52
Air Blank	0.000	07:53
Control Test	0.079	07:53
Air Blank	0.000	07:54
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019 09:32:24

Auto Calibration
Max Power Res Value = 50
Auto Range Res Value = 29

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12429, 9um Io = 12692
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0250	(-0.0090)
Sample #2 =	0.0180	(0.0140)
Sample #3 =	0.0280	(0.0280)
Sample #4 =	0.0250	(0.0410)

Avg % Abs = 0.0237 (0.0277)
STD DEV = 0.0051 (0.0135)
REL STD DEV = 21.683 (48.806)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1320	(-0.0040)
Sample #2 =	0.1350	(0.0080)
Sample #3 =	0.1290	(0.0040)
Sample #4 =	0.1230	(0.0100)

Avg % Abs = 0.1290 (0.0073)
STD DEV = 0.0060 (0.0031)
REL STD DEV = 4.651 (41.660)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12422, 9um Io = 12687
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7420	(-0.0020)
Sample #2 =	0.7110	(0.0370)
Sample #3 =	0.7570	(0.0230)
Sample #4 =	0.7290	(0.0510)

Avg % Abs = 0.7323 (0.0370)
STD DEV = 0.0232 (0.0140)
REL STD DEV = 3.165 (37.838)

PJG
BK
10/14/19

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5290	(-0.0030)
Sample #2 =	1.5120	(0.0030)
Sample #3 =	1.5360	(0.0030)
Sample #4 =	1.5350	(0.0140)

Avg % Abs = 1.5277 (0.0067)
STD DEV = 0.0136 (0.0064)
REL STD DEV = 0.889 (95.263)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12416, 9um Io = 12688
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7840	(-0.0130)
Sample #2 =	1.7610	(0.0120)
Sample #3 =	1.7750	(0.0130)
Sample #4 =	1.7830	(0.0370)

Avg % Abs = 1.7730 (0.0207)
STD DEV = 0.0111 (0.0142)
REL STD DEV = 0.628 (68.487)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5760	(0.0020)
Sample #2 =	3.5830	(0.0100)
Sample #3 =	3.5790	(0.0140)
Sample #4 =	3.5900	(0.0270)

Avg % Abs = 3.5840 (0.0170)
STD DEV = 0.0056 (0.0089)
REL STD DEV = 0.155 (52.284)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12333, 9um Io = 12521
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.7170	(-0.0010)
Sample #2 =	2.6730	(0.0590)
Sample #3 =	2.6490	(0.0750)
Sample #4 =	2.6300	(0.0880)

Avg % Abs = 2.6507 (0.0740)
STD DEV = 0.0215 (0.0145)
REL STD DEV = 0.813 (19.630)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3810	(-0.0050)
Sample #2 =	5.2730	(0.1010)
Sample #3 =	5.2660	(0.1080)
Sample #4 =	5.2470	(0.1060)

Avg % Abs = 5.2620 (0.1050)
STD DEV = 0.0135 (0.0036)
REL STD DEV = 0.256 (3.434)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12407, 9um Io = 12681
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.9960	(-0.0070)
Sample #2 =	5.0240	(-0.0190)
Sample #3 =	5.0510	(-0.0140)
Sample #4 =	5.0000	(0.0210)

Avg % Abs = 5.0250 (-0.0040)
STD DEV = 0.0255 (0.0218)
REL STD DEV = 0.508 (544.862)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7470	(-0.0090)
Sample #2 =	9.7780	(-0.0030)
Sample #3 =	9.7870	(-0.0150)
Sample #4 =	9.7800	(-0.0020)

Avg % Abs = 9.7817 (-0.0067)
STD DEV = 0.0047 (0.0072)
REL STD DEV = 0.048 (108.513)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.024
Std Dev = 0.01 Rel Std Dev = 21.68
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.732
Std Dev = 0.02 Rel Std Dev = 3.17
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.773
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 2.651
Std Dev = 0.02 Rel Std Dev = 0.81
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.025
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -501.97
First Order Coef = 3835.28
Second Order Coef = -171.08
Standard Deviation = 777.239441

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.129
Std Dev = 0.01 Rel Std Dev = 4.65
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.528
Std Dev = 0.01 Rel Std Dev = 0.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.584
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 5.262
Std Dev = 0.01 Rel Std Dev = 0.26
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.782
Std Dev = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -654.64
First Order Coef = 1939.00
Second Order Coef = -40.28
Standard Deviation = 792.142212

CALIBRATION ADJUSTMENT #1
80-006694 SP

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.009	0.0086
0.040	0.047	-0.0065
0.100	0.121	-0.0210
0.200	0.178	0.0223
0.300	0.303	-0.0035

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.009	0.0085
0.040	0.046	-0.0065
0.100	0.121	-0.0213
0.200	0.177	0.0229
0.300	0.304	-0.0036

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 4182.00
Sample #2 = 4236.00
Sample #3 = 4254.00
Sample #4 = 4175.00
Average Result = 4221.6665
STD DEV = 41.4045
REL STD DEV = 0.981
****
***** CHANNEL 2
Sample #1 = 4062.00
Sample #2 = 4067.00
Sample #3 = 4082.00
Sample #4 = 4092.00
Average Result = 4080.3333
STD DEV = 12.5831
REL STD DEV = 0.308
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1011
3 um H20 Adjust (mg/l*10,000) = -411
9 um H20 Adjust (mg/l*10,000) = -270
**** AUTO CAL PASS

Post Cal-Adjust Stability Checks #1

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.057	10:49
Air Blank	0.000	10:50
Control Test	0.058	10:51
Air Blank	0.000	10:51
Control Test	0.058	10:52
Air Blank	0.000	10:52
Control Test Stats		
Average	0.0577	
Std Dev	0.0006	
Rel Std Dev(%)	1.0012	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:57
Control Test	0.096	10:57
Air Blank	0.000	10:58
Control Test	0.097	10:59
Air Blank	0.000	10:59
Control Test	0.096	11:00
Air Blank	0.000	11:00
Control Test Stats		
Average	0.0963	
Std Dev	0.0006	
Rel Std Dev(%)	0.5993	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:30
Control Test	0.218	10:30
Air Blank	0.000	10:31
Control Test	0.221	10:32
Air Blank	0.000	10:32
Control Test	0.222	10:33
Air Blank	0.000	10:33
Control Test Stats		
Average	0.2203	
Std Dev	0.0021	
Rel Std Dev(%)	0.9448	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:36
Control Test	0.080	10:36
Air Blank	0.000	10:36
Control Test	0.080	10:37
Air Blank	0.000	10:37
Control Test	0.079	10:38
Air Blank	0.000	10:38
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

used cal adjust tank

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:43
Control Test	0.079	10:44
Air Blank	0.000	10:44
Control Test	0.079	10:45
Air Blank	0.000	10:45
Control Test	0.080	10:45
Air Blank	0.000	10:46
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP
Operator's Signature

BK
10/14/19

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019 11:42:45

Auto Calibration
Max Power Res Value = 50
Auto Range Res Value = 29

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12436, 9um Io = 12695

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1030	(-0.0150)
Sample #2 =	0.0780	(0.0580)
Sample #3 =	0.0910	(0.1010)
Sample #4 =	0.0770	(0.1480)

Avg % Abs = 0.0820 (0.1023)
STD DEV = 0.0078 (0.0450)
REL STD DEV = 9.525 (43.988)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1490	(-0.0190)
Sample #2 =	0.1720	(-0.0100)
Sample #3 =	0.1640	(0.0170)
Sample #4 =	0.1500	(0.0310)

Avg % Abs = 0.1620 (0.0127)
STD DEV = 0.0111 (0.0208)
REL STD DEV = 6.874 (164.532)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12401, 9um Io = 12682

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7310	(-0.0140)
Sample #2 =	0.7530	(0.0050)
Sample #3 =	0.7680	(-0.0020)
Sample #4 =	0.7750	(0.0070)

Avg % Abs = 0.7653 (0.0033)
STD DEV = 0.0112 (0.0047)
REL STD DEV = 1.469 (141.774)

RDM
BK 10/14/19

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5270	(0.0020)
Sample #2 =	1.5240	(0.0070)
Sample #3 =	1.5420	(-0.0050)
Sample #4 =	1.5560	(-0.0010)

Avg % Abs = 1.5407 (0.0003)
STD DEV = 0.0160 (0.0061)
REL STD DEV = 1.041 (1833.030)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12395, 9um Io = 12681

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7550	(-0.0050)
Sample #2 =	1.7670	(-0.0010)
Sample #3 =	1.8000	(0.0070)
Sample #4 =	1.7990	(0.0160)

Avg % Abs = 1.7807 (0.0073)
STD DEV = 0.0188 (0.0085)
REL STD DEV = 1.049 (115.976)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5870	(-0.0070)
Sample #2 =	3.5700	(-0.0060)
Sample #3 =	3.5880	(0.0070)
Sample #4 =	3.5920	(0.0110)

Avg % Abs = 3.5833 (0.0040)
STD DEV = 0.0117 (0.0089)
REL STD DEV = 0.327 (222.205)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12319, 9um Io = 12527

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	2.7940	(-0.0260)
Sample #2 =	2.6420	(0.1280)
Sample #3 =	2.7040	(0.0960)
Sample #4 =	2.6170	(0.1360)

Avg % Abs = 2.6543 (0.1200)
STD DEV = 0.0448 (0.0212)
REL STD DEV = 1.688 (17.638)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4770	(-0.0090)
Sample #2 =	5.2460	(0.2380)
Sample #3 =	5.2800	(0.2040)
Sample #4 =	5.2160	(0.2330)

Avg % Abs = 5.2473 (0.2250)
STD DEV = 0.0320 (0.0184)
REL STD DEV = 0.610 (8.159)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12389, 9um Io = 12680

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	4.9750	(-0.0110)
Sample #2 =	5.0100	(0.0070)
Sample #3 =	5.0630	(-0.0090)
Sample #4 =	5.0180	(0.0180)

Avg % Abs = 5.0303 (0.0053)
STD DEV = 0.0286 (0.0136)
REL STD DEV = 0.568 (254.568)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6940	(-0.0020)
Sample #2 =	9.7770	(0.0100)
Sample #3 =	9.8080	(0.0040)
Sample #4 =	9.7960	(0.0160)

Avg % Abs = 9.7937 (0.0100)
STD DEV = 0.0156 (0.0060)
REL STD DEV = 0.160 (60.000)

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

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.082
Std Dev = 0.01 Rel Std Dev = 9.52
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.765
Std Dev = 0.01 Rel Std Dev = 1.47
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.789
Std Dev = 0.02 Rel Std Dev = 1.05
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 2.654
Std Dev = 0.04 Rel Std Dev = 1.69
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.030
Std Dev = 0.03 Rel Std Dev = 0.57
Zero Order Coef = -731.41
First Order Coef = 3972.76
Second Order Coef = -190.03
Standard Deviation = 772.403870

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.162
Std Dev = 0.01 Rel Std Dev = 6.87
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.541
Std Dev = 0.02 Rel Std Dev = 1.04
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.583
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 5.247
Std Dev = 0.03 Rel Std Dev = 0.61
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.794
Std Dev = 0.02 Rel Std Dev = 0.16
Zero Order Coef = -724.47
First Order Coef = 1970.65
Second Order Coef = -42.96
Standard Deviation = 794.270691

CALIBRATION ADJUSTMENT #2
80-006694 SP

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.009	0.0085
0.040	0.046	-0.0062
0.100	0.121	-0.0211
0.200	0.178	0.0220
0.300	0.303	-0.0033

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.009	0.0085
0.040	0.046	-0.0064
0.100	0.121	-0.0215
0.200	0.177	0.0229
0.300	0.304	-0.0036

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

***** CHANNEL 1
Sample #1 = 4206.00
Sample #2 = 4088.00
Sample #3 = 4118.00
Sample #4 = 4123.00
Average Result = 4109.6665
STD DEV = 18.9297
REL STD DEV = 0.461
****

***** CHANNEL 2
Sample #1 = 4089.00
Sample #2 = 4080.00
Sample #3 = 4064.00
Sample #4 = 4078.00
Average Result = 4074.0000
STD DEV = 8.7178
REL STD DEV = 0.214
****

Dry Gas H2O Adjust Results **********
Barometric Pressure = 1011
3 um H2O Adjust (mg/l*10,000) = -299
9 um H2O Adjust (mg/l*10,000) = -264
**** AUTO CAL PASS

Post Cal-Adjust Stability Checks #2

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:35
Control Test	0.056	12:36
Air Blank	0.000	12:36
Control Test	0.058	12:37
Air Blank	0.000	12:37
Control Test	0.059	12:38
Air Blank	0.000	12:39
Control Test Stats		
Average	0.0577	
Std Dev	0.0015	
Rel Std Dev(%)	2.6489	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:56
Control Test	0.092	12:57
Air Blank	0.000	12:57
Control Test	0.094	12:58
Air Blank	0.000	12:59
Control Test	0.094	12:59
Air Blank	0.000	13:00
Control Test Stats		
Average	0.0933	
Std Dev	0.0012	
Rel Std Dev(%)	1.2372	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:49
Control Test	0.218	12:50
Air Blank	0.000	12:50
Control Test	0.219	12:51
Air Blank	0.000	12:52
Control Test	0.220	12:52
Air Blank	0.000	12:53
Control Test Stats		
Average	0.2190	
Std Dev	0.0010	
Rel Std Dev(%)	0.4566	

SP
Operator's Signature

MANATEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006694
07/23/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:01
Control Test	0.080	13:01
Air Blank	0.000	13:01
Control Test	0.080	13:02
Air Blank	0.000	13:02
Control Test	0.081	13:03
Air Blank	0.000	13:03
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

TGS

SP
Operator's Signature

PBM
TBK
10/14/19