INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Fort Lauderdale PD S/N 80-006939

Date In 09/17/2019 DI Completion Date 09/17/2019 ☐Ship ☑P/U ☐H/D ☐CMI ☐EE

Intake Performed By MH

- ☐ 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

SEP 26 2019

Alcohol Testing Program

Quality Checks Performed By MH

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 159
- ☑ Flow Verification (L/s)

Flow Column # ATP 101

32 mm	0.167	(.139 - .169)
36 mm	0.183	(.156 - .190)
53 mm	0.257	(.228 - .278)
103 mm	0.515	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 68639

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP4863	201905A
		05/14/2021
0.080	MP4864	201905B
		05/14/2021
0.200	MP5097	201904D
		04/30/2021
0.080 DGS	N/A	AG831804
		11/14/2020

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 MH

- ☑ Lab Temp °C 22.09

External Digital Therm. ID#: 300504

- ☑ 34°C +-.2 Serial #: MP4863
- ☑ 34°C +-.2 Serial #: MP4864
- ☑ 34°C +-.2 Serial #: MP5097

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 MH

Barometric Pressure ID# 28663

Gauge 1015 Instrument 1013

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP4863
0.080	MP4864
0.200	MP5097

Attachments

☑ Form 41	☐ Post-Stability Checks
☑ Stability Checks	☐ Flow Calibration
☑ Calibration Certificate	☐ Form 40
☐ Calibration Adjustment	☐ Other _____

Notes/Suggested Service: E-mailed

APPROVED 09/17/2019

- ☑ **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**

RSM 9/25/19 Tech Review / Date

Brett Kirkland 9/25/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 12:07 Date of Inspection: 09/17/2019
Serial Number: 80-006939
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#:AG831804 Exp: 11/14/2020
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
Standard Deviations	0.0003	0.0000	0.0003	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:
A F / M A: Range Exceed. TOO MUCH MA

PGM
BK
9/25/19

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.

Michael D Haughey
MICHAEL D HAUGHEY
Signature and Printed Name

09/17/2019
Date

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006939	Fort Lauderdale PD	09/17/2019	MH

0.05g/210L

0.047 to 0.053 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
09/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.050	09:54
Air Blank	0.000	09:55
Control Test	0.050	09:55
Air Blank	0.000	09:56
Control Test	0.050	09:57
Air Blank	0.000	09:57

Control Test Stats

Average	0.0500
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MH
Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
09/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.079	09:59
Air Blank	0.000	09:59
Control Test	0.080	10:00
Air Blank	0.000	10:01
Control Test	0.079	10:01
Air Blank	0.000	10:02

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

MH
Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
09/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.200	10:04
Air Blank	0.000	10:04
Control Test	0.199	10:05
Air Blank	0.000	10:06
Control Test	0.199	10:06
Air Blank	0.000	10:07

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

MH
Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

DGS

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
09/17/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.079	10:09
Air Blank	0.000	10:09
Control Test	0.080	10:09
Air Blank	0.000	10:10
Control Test	0.079	10:10
Air Blank	0.000	10:11

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

MH
Operator's Signature

UBO

BK
9/25/19

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006939 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number: 80-006939
Owning Agency: FORT LAUDERDALE PD
Calibration Date: 09/17/2019
Calibration Time: 12:07

	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.

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

09/17/2019
Date

MICHAEL D HAUGHEY,
Department Inspector

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

Service • Integrity • Respect • Quality

PGM
BK
9/25/19

INSTRUMENT PROCESSING SHEET

Florida Department of Law Enforcement

Agency Fort Lauderdale PD S/N 80-006939

Date In 07/03/2019 DI Completion Date 07/03/2019 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By MH

- ☑ 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

JUL 10 2019

Alcohol Testing Program

Quality Checks Performed By MH

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 163
- ☑ Flow Verification (L/s)

Flow Column # ATP104

32 mm	0.160	(.139 - .169)
36 mm	0.183	(.156 - .190)
53 mm	0.250	(.228 - .278)
103 mm	0.503	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 68639

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	201707D
		07/25/2019
0.080	MP5093	201707E
		07/25/2019
0.200	MP5097	201707C
		07/24/2019
0.080 DGS	N/A	AG831804
		11/14/2020

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 MH

- ☑ Lab Temp °C 23.30

External Digital Therm. ID#: 300504

- ☑ 34°C +-.2 Serial #: MP5092
- ☑ 34°C +-.2 Serial #: MP5093
- ☑ 34°C +-.2 Serial #: MP5097

Calibration Adjustment Performed By MH

Barometric Pressure Gauge 1014 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	19080	03/04/2021
0.100	MP5099	18200	07/03/2020
0.200	MP5100	19040	01/29/2021
0.300	MP5101	18110	04/02/2020
0.080 DGS	N/A	17817080A2	08/05/2019

☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5092	201707D	07/25/2019
0.080	MP5093	201707E	07/25/2019
0.200	MP5097	201707C	07/24/2019
0.080 DGS	N/A	AG831804	11/14/2020

Department Inspection Performed By MH

Barometric Pressure ID# 28663

Gauge 1014 Instrument 1013

Mouth Alcohol Solution Lot # 2019B

Acetone Stock Solution Lot # 2018A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP5092
0.080	MP5093
0.200	MP5097

Attachments

- ☑ Form 41
- ☑ Stability Checks
- ☑ Calibration Certificate
- ☑ Calibration Adjustment
- ☑ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other _____

Notes/Suggested Service: E-mailed

Tech Review Corrections: Fixed Typo in Expiration date of 0.050 post Cal Stability check. Added missing initials to "Performed By".

☑ APPROVED 07/08/2019

- ☑ **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**

MH 7/10/19 Tech Review / Date

[signature] 7/10/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 15:09 Date of Inspection: 07/03/2019
Serial Number: 80-006939
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#:AG831804 Exp: 11/14/2020
0.000	0.050	0.082	0.198	0.080
0.000	0.050	0.082	0.199	0.079
0.000	0.051	0.082	0.200	0.080
0.000	0.051	0.082	0.199	0.080
0.000	0.051	0.082	0.198	0.080
0.000	0.051	0.082	0.199	0.079
0.000	0.051	0.082	0.199	0.079
0.000	0.051	0.082	0.199	0.079
0.000	0.051	0.082	0.198	0.079
0.000	0.051	0.082	0.198	0.079

Standard Deviations	0.0004	0.0000	0.0006	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

PGM

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.

Michael D Haughey

MICHAEL D HAUGHEY
Signature and Printed Name

07/03/2019
Date

7/10/19
JD

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-006959	Fort Lauderdale PD	07/03/2019	MDH

0.05g/210L

0.047 to 0.053 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:01
Control Test	0.052	12:01
Air Blank	0.000	12:02
Control Test	0.051	12:03
Air Blank	0.000	12:03
Control Test	0.050	12:04
Air Blank	0.000	12:04

Control Test Stats

Average	0.0510
Std Dev	0.0010
Rel Std Dev(%)	1.9608

MH
Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:05
Control Test	0.082	12:06
Air Blank	0.000	12:07
Control Test	0.081	12:07
Air Blank	0.000	12:08
Control Test	0.081	12:09
Air Blank	0.000	12:09

Control Test Stats

Average	0.0813
Std Dev	0.0006
Rel Std Dev(%)	0.7099

MH
Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:10
Control Test	0.200	12:11
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	12:14

Control Test Stats

Average	0.1993
Std Dev	0.0006
Rel Std Dev(%)	0.2896

MH
Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☒

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.077	12:15
Air Blank	0.000	12:16
Control Test	0.078	12:16
Air Blank	0.000	12:17
Control Test	0.078	12:17
Air Blank	0.000	12:18

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

MH
Operator's Signature

7/10/19
JD

EGG

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006939 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006939
Owning Agency:	FORT LAUDERDALE PD
Calibration Date:	07/03/2019
Calibration Time:	15:09

	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.

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

07/03/2019
Date

MICHAEL D HAUGHEY,
Department Inspector

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019 12:48:40

Auto Calibration
Max Power Res Value = 104
Auto Range Res Value = 73

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12502, 9um Io = 13038
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0680	(-0.0130)
Sample #2 =	0.0560	(0.0310)
Sample #3 =	0.0080	(0.0790)
Sample #4 =	0.0570	(0.0780)

Avg % Abs = 0.0403 (0.0627)
STD DEV = 0.0280 (0.0274)
REL STD DEV = 69.436 (43.769)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1810	(-0.0080)
Sample #2 =	0.1580	(0.0230)
Sample #3 =	0.1180	(0.0470)
Sample #4 =	0.1420	(0.0390)

Avg % Abs = 0.1393 (0.0363)
STD DEV = 0.0201 (0.0122)
REL STD DEV = 14.449 (33.634)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12485, 9um Io = 13029
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7240	(0.0040)
Sample #2 =	0.7450	(0.0230)
Sample #3 =	0.7490	(0.0350)
Sample #4 =	0.7770	(0.0230)

Avg % Abs = 0.7570 (0.0270)
STD DEV = 0.0174 (0.0069)
REL STD DEV = 2.303 (25.660)

7/10/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4970	(-0.0160)
Sample #2 =	1.4800	(0.0080)
Sample #3 =	1.4730	(0.0150)
Sample #4 =	1.4950	(0.0010)

Avg % Abs = 1.4827 (0.0080)
STD DEV = 0.0112 (0.0070)
REL STD DEV = 0.758 (87.500)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12477, 9um Io = 13025
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7820	(-0.0030)
Sample #2 =	1.8230	(-0.0040)
Sample #3 =	1.7820	(0.0290)
Sample #4 =	1.7950	(0.0240)

Avg % Abs = 1.8000 (0.0163)
STD DEV = 0.0210 (0.0178)
REL STD DEV = 1.164 (108.892)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4930	(-0.0190)
Sample #2 =	3.4690	(0.0080)
Sample #3 =	3.4560	(0.0290)
Sample #4 =	3.4570	(0.0220)

Avg % Abs = 3.4607 (0.0197)
STD DEV = 0.0072 (0.0107)
REL STD DEV = 0.209 (54.370)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12472, 9um Io = 13023
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5610	(-0.0100)
Sample #2 =	3.4920	(0.0350)
Sample #3 =	3.4970	(0.0380)
Sample #4 =	3.5570	(0.0270)

Avg % Abs = 3.5153 (0.0333)
STD DEV = 0.0362 (0.0057)
REL STD DEV = 1.029 (17.059)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.6480	(0.0010)
Sample #2 =	6.5860	(0.0480)
Sample #3 =	6.5910	(0.0430)
Sample #4 =	6.6130	(0.0290)

Avg % Abs = 6.5967 (0.0400)
STD DEV = 0.0144 (0.0098)
REL STD DEV = 0.218 (24.622)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12467, 9um Io = 13020
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1670	(0.0140)
Sample #2 =	5.1720	(0.0090)
Sample #3 =	5.1850	(0.0120)
Sample #4 =	5.1950	(0.0180)

Avg % Abs = 5.1840 (0.0130)
STD DEV = 0.0115 (0.0046)
REL STD DEV = 0.222 (35.251)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.6070	(-0.0050)
Sample #2 =	9.5560	(0.0310)
Sample #3 =	9.5470	(0.0300)
Sample #4 =	9.5730	(0.0350)

Avg % Abs = 9.5587 (0.0320)
STD DEV = 0.0132 (0.0026)
REL STD DEV = 0.138 (8.268)

Optical Calibration
SN: 80-006939
Agency: Ft. Lauderdale PD
Date: 07/03/2019
By: MDH

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.040
Std Dev = 0.03 Rel Std Dev = 69.44
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.757
Std Dev = 0.02 Rel Std Dev = 2.30
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.800
Std Dev = 0.02 Rel Std Dev = 1.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.515
Std Dev = 0.04 Rel Std Dev = 1.03
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.184
Std Dev = 0.01 Rel Std Dev = 0.22
Zero Order Coef = -113.54
First Order Coef = 2665.83
Second Order Coef = 21.57
Standard Deviation = 7.617250

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.139
Std Dev = 0.02 Rel Std Dev = 14.45
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.483
Std Dev = 0.01 Rel Std Dev = 0.76
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.461
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.597
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.559
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -185.30
First Order Coef = 1381.80
Second Order Coef = 13.79
Standard Deviation = 7.492680

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.040	-0.0003
0.100	0.100	0.0001
0.200	0.200	-0.0000
0.300	0.300	-0.0000

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0002
0.100	0.100	0.0000
0.200	0.200	-0.0001
0.300	0.300	0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3478.00
Sample #2 = 3478.00
Sample #3 = 3458.00
Sample #4 = 3466.00
Average Result = 3467.3333
STD DEV = 10.0664
REL STD DEV = 0.290
****
***** CHANNEL 2
Sample #1 = 3360.00
Sample #2 = 3368.00
Sample #3 = 3369.00
Sample #4 = 3366.00
Average Result = 3367.6667
STD DEV = 1.5275
REL STD DEV = 0.045
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 342
9 um H2O Adjust (mg/l*10,000) = 442
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities - POST	80-006939	Ft. Lauderdale PD	07/03/2019	MDH

0.05g/210L

0.047 to 0.053 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:27
Control Test	0.051	13:28
Air Blank	0.000	13:28
Control Test	0.050	13:29
Air Blank	0.000	13:29
Control Test	0.050	13:30
Air Blank	0.000	13:31
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

MH
Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:32
Control Test	0.082	13:32
Air Blank	0.000	13:33
Control Test	0.081	13:33
Air Blank	0.000	13:34
Control Test	0.081	13:35
Air Blank	0.000	13:35
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

MH
Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:36
Control Test	0.200	13:37
Air Blank	0.000	13:37
Control Test	0.200	13:38
Air Blank	0.000	13:39
Control Test	0.200	13:39
Air Blank	0.000	13:40
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

MH
Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
07/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:41
Control Test	0.079	13:42
Air Blank	0.000	13:42
Control Test	0.080	13:42
Air Blank	0.000	13:43
Control Test	0.079	13:43
Air Blank	0.000	13:44
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

MDH
Operator's Signature

7/10/19

POST

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Ft. Lauderdale PD S/N 80-006939

Date In 01/18/19 DI Completion Date 1/22/19 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By SQC

- ☑ 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

JAN 22 2019

Alcohol Testing Program

Quality Checks Performed By JD

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 162
- ☑ Flow Verification (L/s)

Flow Column # ATP-105

32 mm	.152	(.139 - .169)
36 mm	.171	(.156 - .190)
53 mm	.250	(.228 - .278)
103 mm	.523	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28421

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201707D 7/25/19
0.080	DR1279	201707E 7/25/19
0.200	DR3856	201707C 7/24/19
0.080 DGS	N/A	AG805701 2/26/20

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 JD

- ☑ Lab Temp °C 21.6

External Digital Therm. ID#: 300504

- ☑ 34°C +-.2 Serial #: SD1012
- ☑ 34°C +-.2 Serial #: DR1279
- ☑ 34°C +-.2 Serial #: DR3856

Calibration Adjustment JD Performed By JD

Barometric Pressure Gauge 28 1028 ID # 28662

Simulator	Serial Number	Lot Number	Expiration
0.000	G2834	N/A	N/A
0.040	SD1022	17410	12/6/19
0.100	SD3964	18070	2/26/20
0.200	SD1025	17340	10/9/19
0.300	SD1024	18110	4/2/20
0.080 DGS	N/A	17817080A2	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	DR3856	201707C	7/24/19
0.080 DGS	N/A	AG805701	2/26/20

Department Inspection Performed By JD

Barometric Pressure ID# 26932

Gauge 1028 Instrument 1029

Mouth Alcohol Solution Lot # 2018-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G2408
Interferent	G2882
0.050	SD1012
0.080	DR1279
0.200	DR3856

Attachments

- ☑ Form 41
- ☑ Stability Checks
- ☑ Calibration Certificate
- ☑ Calibration Adjustment
- ☑ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other _____

Notes/Suggested Service: Please change level 2 password to something unique. JD

- ☑ **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**

SP 1/22/19 Tech Review / Date

Brett Kirkland 1/22/19 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FORT LAUDERDALE PD
Time of Inspection: 09:42 Date of Inspection: 01/22/2019 Serial Number: 80-006939
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	0.049	0.081	0.199	0.079
0.000	0.049	0.081	0.200	0.078
0.000	0.050	0.080	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.079	0.199	0.078
0.000	0.050	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.049	0.080	0.200	0.078

Standard Deviations	0.0004	0.0006	0.0004	0.0005

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

Remarks:

SP BK 1/22/19

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.

TJG

THOMAS J GRAHAM
Signature and Printed Name

01/22/2019
Date

FDLE/ATP Form 41 –Revised August 2005

80-006939

1/18/19

JD

INTOXILYZER 8000
Instrument Initialization
11:11 01/18/2019

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:07
Control Test	0.049	12:08
Air Blank	0.000	12:08
Control Test	0.048	12:09
Air Blank	0.000	12:10
Control Test	0.048	12:10
Air Blank	0.000	12:11
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.078	12:13
Air Blank	0.000	12:14
Control Test	0.078	12:15
Air Blank	0.000	12:15
Control Test	0.078	12:16
Air Blank	0.000	12:16
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:18
Control Test	0.192	12:18
Air Blank	0.000	12:19
Control Test	0.193	12:20
Air Blank	0.000	12:20
Control Test	0.193	12:21
Air Blank	0.000	12:21
Control Test Stats		
Average	0.1927	
Std Dev	0.0006	
Rel Std Dev(%)	0.2997	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/18/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:23
Control Test	0.077	12:23
Air Blank	0.000	12:23
Control Test	0.077	12:24
Air Blank	0.000	12:24
Control Test	0.077	12:25
Air Blank	0.000	12:25
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP BK 1/22/19

JD
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 80-006939 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006939
Owning Agency:	FORT LAUDERDALE PD
Calibration Date:	01/22/2019
Calibration Time:	09:42

	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.

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

01/22/2019
Date

THOMAS J GRAHAM,
Department Inspector

SP BK 1/22/19

1/22/19 80-006939

Calibration Adjustment

SP

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/22/2019 07:18:52

Auto Calibration
Max Power Res Value = 103
Auto Range Res Value = 72

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12595, 9um Io = 13160

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0850	(-0.0140)
Sample #2 =	0.0320	(0.0680)
Sample #3 =	0.0540	(0.1140)
Sample #4 =	0.0200	(0.1590)

Avg % Abs = 0.0353 (0.1137)
STD DEV = 0.0172 (0.0455)
REL STD DEV = 48.802 (40.030)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1730	(-0.0040)
Sample #2 =	0.1700	(0.0160)
Sample #3 =	0.1690	(0.0380)
Sample #4 =	0.1430	(0.0620)

Avg % Abs = 0.1607 (0.0387)
STD DEV = 0.0153 (0.0230)
REL STD DEV = 9.528 (59.501)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12570, 9um Io = 13150

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7930	(-0.0060)
Sample #2 =	0.7700	(0.0330)
Sample #3 =	0.7570	(0.0620)
Sample #4 =	0.7810	(0.0860)

Avg % Abs = 0.7693 (0.0603)
STD DEV = 0.0120 (0.0265)
REL STD DEV = 1.562 (43.988)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5190	(-0.0040)
Sample #2 =	1.5270	(0.0090)
Sample #3 =	1.5050	(0.0230)
Sample #4 =	1.5170	(0.0340)

Avg % Abs = 1.5163 (0.0220)
STD DEV = 0.0110 (0.0125)
REL STD DEV = 0.726 (56.954)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12553, 9um Io = 13141

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8400	(-0.0160)
Sample #2 =	1.8360	(0.0200)
Sample #3 =	1.7860	(0.0700)
Sample #4 =	1.8300	(0.0730)

Avg % Abs = 1.8173 (0.0543)
STD DEV = 0.0273 (0.0298)
REL STD DEV = 1.502 (54.794)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4970	(-0.0200)
Sample #2 =	3.4930	(-0.0060)
Sample #3 =	3.4650	(0.0200)
Sample #4 =	3.4990	(0.0160)

Avg % Abs = 3.4857 (0.0100)
STD DEV = 0.0181 (0.0140)
REL STD DEV = 0.521 (140.000)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12538, 9um Io = 13135

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.4890	(-0.0040)
Sample #2 =	3.4610	(0.0320)
Sample #3 =	3.4670	(0.0500)
Sample #4 =	3.4700	(0.0680)

Avg % Abs = 3.4660 (0.0500)
STD DEV = 0.0046 (0.0180)
REL STD DEV = 0.132 (36.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.5570	(0.0050)
Sample #2 =	6.5420	(0.0350)
Sample #3 =	6.5560	(0.0440)
Sample #4 =	6.5740	(0.0490)

Avg % Abs = 6.5573 (0.0427)
STD DEV = 0.0160 (0.0071)
REL STD DEV = 0.245 (16.628)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12527, 9um Io = 13130

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1660	(-0.0180)
Sample #2 =	5.1600	(0.0120)
Sample #3 =	5.1180	(0.0540)
Sample #4 =	5.1420	(0.0400)

Avg % Abs = 5.1400 (0.0353)
STD DEV = 0.0211 (0.0214)
REL STD DEV = 0.410 (60.525)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.5460	(0.0040)
Sample #2 =	9.5400	(0.0380)
Sample #3 =	9.5170	(0.0580)
Sample #4 =	9.5360	(0.0600)

Avg % Abs = 9.5310 (0.0520)
STD DEV = 0.0123 (0.0122)
REL STD DEV = 0.129 (23.395)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.035
Std Dev = 0.02 Rel Std Dev = 48.80
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.769
Std Dev = 0.01 Rel Std Dev = 1.56
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.817
Std Dev = 0.03 Rel Std Dev = 1.50
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.466
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.140
Std Dev = 0.02 Rel Std Dev = 0.41
Zero Order Coef = -133.43
First Order Coef = 2673.27
Second Order Coef = 26.64
Standard Deviation = 52.555611

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.161
Std Dev = 0.02 Rel Std Dev = 9.53
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.516
Std Dev = 0.01 Rel Std Dev = 0.73
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.486
Std Dev = 0.02 Rel Std Dev = 0.52
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.557
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.531
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -235.21
First Order Coef = 1393.10
Second Order Coef = 13.80
Standard Deviation = 21.685789

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.001	0.0008
0.040	0.041	-0.0007
0.100	0.101	-0.0011
0.200	0.198	0.0015
0.300	0.301	-0.0005

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0001
0.100	0.101	-0.0006
0.200	0.199	0.0006
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 = 3503.00
Sample #2 = 3460.00
Sample #3 = 3444.00
Sample #4 = 3362.00
Average Result = 3422.0000
STD DEV = 52.5738
REL STD DEV = 1.536
****
***** CHANNEL 2
Sample #1 = 3343.00
Sample #2 = 3353.00
Sample #3 = 3367.00
Sample #4 = 3359.00
Average Result = 3359.6667
STD DEV = 7.0238
REL STD DEV = 0.209
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1028
3 um H20 Adjust (mg/l*10,000) = 387
9 um H20 Adjust (mg/l*10,000) = 450
**** AUTO CAL PASS

BK 1/22/19

80-006939

Post Calibration Adjustment
Stabilities

1/22/19
JD

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/22/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:56
Control Test	0.049	07:57
Air Blank	0.000	07:58
Control Test	0.050	07:58
Air Blank	0.000	07:59
Control Test	0.050	08:00
Air Blank	0.000	08:00
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/22/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:01
Control Test	0.080	08:02
Air Blank	0.000	08:03
Control Test	0.080	08:03
Air Blank	0.000	08:04
Control Test	0.080	08:05
Air Blank	0.000	08:05
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/22/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:06
Control Test	0.199	08:07
Air Blank	0.000	08:08
Control Test	0.199	08:08
Air Blank	0.000	08:09
Control Test	0.199	08:09
Air Blank	0.000	08:10
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

JD
Operator's Signature

FORT LAUDERDALE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006939
01/22/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:11
Control Test	0.079	08:11
Air Blank	0.000	08:12
Control Test	0.079	08:12
Air Blank	0.000	08:13
Control Test	0.079	08:13
Air Blank	0.000	08:14
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

JD
Operator's Signature

SP
BK
1/22/19