Return Material Authorization

Ship to: ☐ CMI, Inc.

☑ Enforcement Electronics

Shipment to repair facility authorized by: ____________________ on ____________

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-001077

Bill To Address:	Ship to Address:
	FDLE- ATP
	2331 Phillips Road
	Tallahassee, FL 32308

Reason for Return:

Unable to resolve calibration issue. See attached paperwork.

Agency previously billed for calibration.

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: ____________________

Phone #: ____________________ Email: ____________________

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

3/12/18
JJ

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hardee County SO S/N 80-001077

Date In 10/30/2017 DI Completion Date ____ ☐Ship ☐P/U ☐H/D ☐CMI ☒EE

Intake — Performed By [signature]

☑ 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 2216
☒ Flow Verification (L/s)
Flow Column # ATP102
32 mm .148 (.139 - .169)
36 mm .167 (.156 - .190)
53 mm .238 (.228 - .278)
103 mm .496 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 26932
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3962	201707D 07/25/2019
0.080	SD1013	201707E 07/25/2019
0.200	DR3856	201707C 07/24/2019
0.080 DGS	N/A	AG626604 9-22-18

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 ____

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 ____

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

Notes/Suggested Service:
Returning to EE for calibration adjustment. SP

☐ **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 [signature] 3/12/18

STABILITY CHECKS - # 80-001077 - HARDEE COUNTY SO

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
10/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.051	09:40
Air Blank	0.000	09:41
Control Test	0.050	09:42
Air Blank	0.000	09:42
Control Test	0.051	09:43
Air Blank	0.000	09:43
Control Test Stats		
Average	0.0507	
Std Dev	0.0006	
Rel Std Dev(%)	1.1395	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
10/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:48
Control Test	0.083	09:48
Air Blank	0.000	09:49
Control Test	0.083	09:50
Air Blank	0.000	09:50
Control Test	0.083	09:51
Air Blank	0.000	09:51
Control Test Stats		
Average	0.0830	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
10/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.201	09:53
Air Blank	0.000	09:53
Control Test	0.202	09:54
Air Blank	0.000	09:55
Control Test	0.202	09:55
Air Blank	0.000	09:56
Control Test Stats		
Average	0.2017	
Std Dev	0.0006	
Rel Std Dev(%)	0.2863	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
10/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.078	09:37
Air Blank	0.000	09:38
Control Test	0.079	09:38
Air Blank	0.000	09:38
Control Test	0.078	09:39
Air Blank	0.000	09:39
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

SP
Operator's Signature

3/12/18

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hardee County S/N 80-001077

Date In 11/13/17 DI Completion Date 12/11/17 ☒ Ship SP ☐ P/U ☐ H/D ☐ CMI ☒ EE

Intake
Performed By [initials]

☑ 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
12/11/17

Quality Checks
Performed By SP

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 222
☒ Flow Verification (L/s)
Flow Column # ATP102
32 mm .148 (.139 - .169)
36 mm .164 (.156 - .190)
53 mm .238 (.228 - .278)
103 mm .492 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 26932
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3962	201707D 7-25-19
0.080	SD1013	201707E 7-25-19
0.200	DR3856	201707C 7-24-19
0.080 DGS	N/A	AG626604 9-22-18

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 22.3
External Digital Therm. ID#: 300505
☒ 34°C +-.2 Serial #: SD3962
☒ 34°C +-.2 Serial #: SD1013
☒ 34°C +-.2 Serial #: DR3856

Calibration Adjustment
Performed By SP

Barometric Pressure Gauge 1018 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	SD1016	N/A	N/A
0.040	SD1018	16320	10-21-18
0.100	G2834	17060	2-14-19
0.200	SD1011	17090	2-24-19
0.300	DR1275	16410	12-19-18
0.080 DGS	N/A	1781708DA2	8-5-19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3962	201707D	7-25-19
0.080	SD1013	201707E	7-25-19
0.200	DR3856	201707C	7-24-19
0.080 DGS	N/A	AG626604	9-22-18

Department Inspection
Performed By SP

Barometric Pressure ID# 26932
Gauge 1018 Instrument 1018
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	SD1019
Interferent	SD1021
0.050	SD3962
0.080	SD1013
0.200	DR3856

Attachments

☒ Form 41 ~~X2~~ SP
☒ Stability Checks
☒ Calibration Adjustment
☒ Post-Stability Checks
☐ Flow Calibration
☒ Form 40
☐ 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

[signature] 3/12/18
Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HARDEE COUNTY SO
Time of Inspection: 11:36 Date of Inspection: 11/15/2017
Serial Number: 80-001077
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		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:

Standard Deviations				

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

Remarks:
A F / M A: Sequence Aborted MUST PERFORM CAL ADJUSTMENT. Non-compliance:CAL ADJUST NEEDED.

N/A compliance Not determined

The above instrument complies ( ) does not comply (X) 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

11/15/2017
Date

3/12/18
JJ

1

FDLE/ATP Form 41 –Revised August 2005

STABILITY CHECKS #80-001077

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:34
Control Test	0.047	10:35
Air Blank	0.000	10:35
Control Test	0.047	10:36
Air Blank	0.000	10:36
Control Test	0.047	10:37
Air Blank	0.000	10:38
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

3/12/18
JD

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:39
Control Test	0.079	10:39
Air Blank	0.000	10:40
Control Test	0.079	10:41
Air Blank	0.000	10:41
Control Test	0.079	10:42
Air Blank	0.000	10:42
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:47
Control Test	0.078	10:48
Air Blank	0.000	10:48
Control Test	0.078	10:48
Air Blank	0.000	10:49
Control Test	0.079	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:43
Control Test	0.190	10:44
Air Blank	0.000	10:44
Control Test	0.191	10:45
Air Blank	0.000	10:45
Control Test	0.191	10:46
Air Blank	0.000	10:47
Control Test Stats		
Average	0.1907	
Std Dev	0.0006	
Rel Std Dev(%)	0.3028	

Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017 11:36:24

Auto Calibration
Max Power Res Value = 32
Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12436, 9um Io = 14180
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1570	(-0.0320)
Sample #2 =	0.1590	(0.0140)
Sample #3 =	0.1520	(0.0570)
Sample #4 =	0.1070	(0.0910)

Avg % Abs = 0.1393 (0.0540)
STD DEV = 0.0282 (0.0386)
REL STD DEV = 20.253 (71.458)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1310	(-0.0240)
Sample #2 =	0.1330	(-0.0070)
Sample #3 =	0.1190	(0.0140)
Sample #4 =	0.1020	(0.0210)

Avg % Abs = 0.1180 (0.0093)
STD DEV = 0.0155 (0.0146)
REL STD DEV = 13.156 (156.125)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12425, 9um Io = 14177
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8710	(-0.0100)
Sample #2 =	0.8670	(0.0100)
Sample #3 =	0.8530	(0.0450)
Sample #4 =	0.8330	(0.0300)

Avg % Abs = 0.8510 (0.0283)
STD DEV = 0.0171 (0.0176)
REL STD DEV = 2.008 (61.974)

3/12/18
JD

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5060	(-0.0070)
Sample #2 =	1.5360	(-0.0020)
Sample #3 =	1.5010	(0.0170)
Sample #4 =	1.5100	(0.0030)

Avg % Abs = 1.5157 (0.0060)
STD DEV = 0.0182 (0.0098)
REL STD DEV = 1.199 (164.148)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12420, 9um Io = 14172
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9190	(-0.0190)
Sample #2 =	1.9240	(0.0130)
Sample #3 =	1.9000	(0.0160)
Sample #4 =	1.9020	(0.0300)

Avg % Abs = 1.9087 (0.0197)
STD DEV = 0.0133 (0.0091)
REL STD DEV = 0.698 (46.138)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5440	(-0.0140)
Sample #2 =	3.5590	(-0.0100)
Sample #3 =	3.5420	(-0.0070)
Sample #4 =	3.5240	(0.0040)

Avg % Abs = 3.5417 (-0.0043)
STD DEV = 0.0175 (0.0074)
REL STD DEV = 0.494 (170.103)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12419, 9um Io = 14175
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6880	(-0.0070)
Sample #2 =	3.6640	(0.0150)
Sample #3 =	3.6460	(0.0550)
Sample #4 =	3.6980	(0.0460)

Avg % Abs = 3.6693 (0.0387)
STD DEV = 0.0264 (0.0210)
REL STD DEV = 0.720 (54.269)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8600	(0.0010)
Sample #2 =	6.8620	(0.0090)
Sample #3 =	6.8390	(0.0270)
Sample #4 =	6.8650	(0.0220)

Avg % Abs = 6.8553 (0.0193)
STD DEV = 0.0142 (0.0093)
REL STD DEV = 0.207 (48.060)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12411, 9um Io = 14169
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.3100	(-0.0090)
Sample #2 =	5.3320	(0.0040)
Sample #3 =	5.3670	(-0.0170)
Sample #4 =	5.3500	(0.0050)

Avg % Abs = 5.3497 (-0.0027)
STD DEV = 0.0175 (0.0124)
REL STD DEV = 0.327 (465.866)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9020	(-0.0180)
Sample #2 =	9.9300	(-0.0140)
Sample #3 =	9.9410	(-0.0180)
Sample #4 =	9.9660	(-0.0080)

Avg % Abs = 9.9457 (-0.0133)
STD DEV = 0.0184 (0.0050)
REL STD DEV = 0.185 (37.749)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.139
Std Dev = 0.03 Rel Std Dev = 20.25
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.851
Std Dev = 0.02 Rel Std Dev = 2.01
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.909
Std Dev = 0.01 Rel Std Dev = 0.70
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.669
Std Dev = 0.03 Rel Std Dev = 0.72
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.350
Std Dev = 0.02 Rel Std Dev = 0.33
Zero Order Coef = -352.25
First Order Coef = 2626.58
Second Order Coef = 20.09
Standard Deviation = 23.420706

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.118
Std Dev = 0.02 Rel Std Dev = 13.16
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.516
Std Dev = 0.02 Rel Std Dev = 1.20
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.542
Std Dev = 0.02 Rel Std Dev = 0.49
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.855
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.946
Std Dev = 0.02 Rel Std Dev = 0.19
Zero Order Coef = -149.00
First Order Coef = 1338.39
Second Order Coef = 11.24
Standard Deviation = 22.575243

CAL ADJUSTMENT
#80-001077

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0002
0.100	0.099	0.0006
0.200	0.201	-0.0007
0.300	0.300	0.0002

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	-0.0000
0.100	0.099	0.0006
0.200	0.201	-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 = 3226.00
Sample #2 = 3114.00
Sample #3 = 3237.00
Sample #4 = 3250.00
Average Result = 3200.3333
STD DEV = 75.0489
REL STD DEV = 2.345
****
***** CHANNEL 2
Sample #1 = 3570.00
Sample #2 = 3558.00
Sample #3 = 3580.00
Sample #4 = 3583.00
Average Result = 3573.6667
STD DEV = 13.6504
REL STD DEV = 0.382
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 609
9 um H2O Adjust (mg/l*10,000) = 236
**** AUTO CAL PASS

POST CAL-ADJUSTMENT STABILITY CHECKS - #80-001077

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.049	12:15
Air Blank	0.000	12:16
Control Test	0.050	12:17
Air Blank	0.000	12:17
Control Test	0.050	12:18
Air Blank	0.000	12:18
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP
Operator's Signature

3/12/18
SP

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:19
Control Test	0.081	12:20
Air Blank	0.000	12:20
Control Test	0.083	12:21
Air Blank	0.000	12:22
Control Test	0.083	12:22
Air Blank	0.000	12:23
Control Test Stats		
Average	0.0823	
Std Dev	0.0012	
Rel Std Dev(%)	1.4025	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.197	12:24
Air Blank	0.000	12:25
Control Test	0.198	12:26
Air Blank	0.000	12:26
Control Test	0.198	12:27
Air Blank	0.000	12:27
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:28
Control Test	0.079	12:28
Air Blank	0.000	12:29
Control Test	0.080	12:29
Air Blank	0.000	12:29
Control Test	0.079	12:30
Air Blank	0.000	12:30
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

SP
Operator's Signature

1

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/30/2017 09:43:30

Auto Calibration
Max Power Res Value = 32
Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12385, 9um Io = 14163

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1300	(-0.0090)
Sample #2 =	0.1470	(0.0140)
Sample #3 =	0.1020	(0.0370)
Sample #4 =	0.0960	(0.0490)

Avg % Abs = 0.1150 (0.0333)
STD DEV = 0.0279 (0.0178)
REL STD DEV = 24.239 (53.357)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1060	(-0.0010)
Sample #2 =	0.1120	(-0.0140)
Sample #3 =	0.1030	(-0.0050)
Sample #4 =	0.1120	(-0.0070)

Avg % Abs = 0.1090 (-0.0087)
STD DEV = 0.0052 (0.0047)
REL STD DEV = 4.767 (54.529)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12377, 9um Io = 14165

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7940	(0.0050)
Sample #2 =	0.8120	(0.0300)
Sample #3 =	0.8120	(0.0200)
Sample #4 =	0.8130	(0.0430)

Avg % Abs = 0.8123 (0.0310)
STD DEV = 0.0006 (0.0115)
REL STD DEV = 0.071 (37.202)

3/12/18
JJ

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4720	(0.0000)
Sample #2 =	1.4910	(0.0050)
Sample #3 =	1.5070	(0.0030)
Sample #4 =	1.5050	(0.0190)

Avg % Abs = 1.5010 (0.0090)
STD DEV = 0.0087 (0.0087)
REL STD DEV = 0.581 (96.864)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12370, 9um Io = 14160

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8510	(-0.0160)
Sample #2 =	1.8910	(-0.0430)
Sample #3 =	1.8620	(-0.0030)
Sample #4 =	1.8740	(-0.0150)

Avg % Abs = 1.8757 (-0.0203)
STD DEV = 0.0146 (0.0205)
REL STD DEV = 0.777 (100.950)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5020	(-0.0140)
Sample #2 =	3.5250	(-0.0140)
Sample #3 =	3.5090	(0.0040)
Sample #4 =	3.5220	(-0.0060)

Avg % Abs = 3.5187 (-0.0053)
STD DEV = 0.0085 (0.0090)
REL STD DEV = 0.242 (169.097)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12370, 9um Io = 14160

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6170	(-0.0340)
Sample #2 =	3.6220	(-0.0250)
Sample #3 =	3.6160	(0.0130)
Sample #4 =	3.6020	(0.0030)

Avg % Abs = 3.6133 (-0.0030)
STD DEV = 0.0103 (0.0197)
REL STD DEV = 0.284 (656.591)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.7520	(-0.0110)
Sample #2 =	6.7590	(-0.0080)
Sample #3 =	6.7740	(0.0050)
Sample #4 =	6.7670	(0.0050)

Avg % Abs = 6.7667 (0.0007)
STD DEV = 0.0075 (0.0075)
REL STD DEV = 0.111 (1125.833)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12370, 9um Io = 14162

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.2160	(-0.0100)
Sample #2 =	5.2330	(0.0210)
Sample #3 =	5.2330	(0.0210)
Sample #4 =	5.2460	(0.0240)

Avg % Abs = 5.2373 (0.0220)
STD DEV = 0.0075 (0.0017)
REL STD DEV = 0.143 (7.873)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.7540	(-0.0030)
Sample #2 =	9.7610	(0.0250)
Sample #3 =	9.7410	(0.0350)
Sample #4 =	9.7660	(0.0340)

Avg % Abs = 9.7560 (0.0313)
STD DEV = 0.0132 (0.0055)
REL STD DEV = 0.136 (17.577)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.115
Std Dev = 0.03 Rel Std Dev = 24.24
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.812
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.876
Std Dev = 0.01 Rel Std Dev = 0.78
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.613
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.237
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -267.63
First Order Coef = 2606.19
Second Order Coef = 32.28
Standard Deviation = 37.177547

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.01 Rel Std Dev = 4.77
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.501
Std Dev = 0.01 Rel Std Dev = 0.58
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.519
Std Dev = 0.01 Rel Std Dev = 0.24
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.767
Std Dev = 0.01 Rel Std Dev = 0.11
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.756
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -132.35
First Order Coef = 1330.50
Second Order Coef = 14.97
Standard Deviation = 23.247698

CAL ADJUSTMENT
#80-001077

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0007
0.040	0.039	0.0007
0.100	0.099	0.0006
0.200	0.201	-0.0010
0.300	0.300	0.0004

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0001
0.100	0.099	0.0006
0.200	0.201	-0.0007
0.300	0.300	0.0003

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

***** CHANNEL 1
Sample #1 = 3233.00
Sample #2 = 3259.00
Sample #3 = 3265.00
Sample #4 = 3218.00
Average Result = 3247.3333
STD DEV = 25.5799
REL STD DEV = 0.788
****

***** CHANNEL 2
Sample #1 = 3580.00
Sample #2 = 3616.00
Sample #3 = 3578.00
Sample #4 = 3623.00
Average Result = 3605.6667
STD DEV = 24.2143
REL STD DEV = 0.672
****

Dry Gas H20 Adjust Results **********
Barometric Pressure = 1020
3 um H20 Adjust (mg/l*10,000) = 562
9 um H20 Adjust (mg/l*10,000) = 204
**** AUTO CAL PASS

POST CAL - ADJUSTMENT STABILITY CHECKS # 80-001077

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.048	10:50
Air Blank	0.000	10:50
Control Test	0.048	10:51
Air Blank	0.000	10:52
Control Test	0.048	10:52
Air Blank	0.000	10:53
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

3/12/18

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:25
Control Test	0.082	10:25
Air Blank	0.000	10:26
Control Test	0.082	10:26
Air Blank	0.000	10:27
Control Test	0.082	10:28
Air Blank	0.000	10:28
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:55
Control Test	0.201	10:56
Air Blank	0.000	10:57
Control Test	0.202	10:57
Air Blank	0.000	10:58
Control Test	0.202	10:59
Air Blank	0.000	10:59
Control Test Stats		
Average	0.2017	
Std Dev	0.0006	
Rel Std Dev(%)	0.2863	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
11/30/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.079	11:00
Air Blank	0.000	11:01
Control Test	0.079	11:01
Air Blank	0.000	11:02
Control Test	0.079	11:02
Air Blank	0.000	11:02
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
Operator's Signature

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Hardee County S/N 80-001077

Date In 3/3/17 Date Out 3/8/17 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By [illegible]

☐ Registration
☒ Annual
☐ Return from CMI
☐ Return from Enforcement Electronics
☐ Other ______

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

Other Equipment:
☐ Power cord
☐ Printer Cable
~~☒ Other~~ ______

Notes: ______

Quality Checks Performed By SP

☒ Breath Tube Screen
☒ Replace O-Rings
☒ Instrument Set Up Verified
☒ R-Value 238
☒ Flow Verification (L/s)
Flow Column # ATP103
32mm .039 (.139 - .169)
36mm .070 (.156 - .190)
53mm .164 (.228 - .278)
103mm .445 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 28427
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G3709	201603D 3-8-18
0.08	SD3964	201601F 1-26-18
0.20	DR3856	201604C 4-5-18
0.08 DGS	N/A	AG026605 9-22-18

Flow Calibration Performed By SP

☐ Flow Calibration N/A
☒ Flow Calibration Complete
Flow Column # ATP102
☒ 5L/min – 17mm
☒ 15L/min – 53mm
☒ 30L/min – 103mm
☒ R-Value 219
☒ Post Calibration Verification (L/s)
Flow Column # ATP103
32mm .148 (.139 - .169)
36mm .167 (.156 - .190)
53mm .242 (.228 - .278)
103mm .515 (.447 - .547)

RECEIVED
MAR 08 2017
Alcohol Testing Program
FDLE

Maintenance Performed By ______

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

Suggested Service

______

Optical Bench Calibration Performed By ______

☒ Optical Bench Calibration N/A
☐ Optical Bench Calibration Complete
Barometric Pressure Gauge ______ ID # ______

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

☐ Post Calibration Stability Checks

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

Department Inspection Performed By SP

☒ Barometric Pressure 1023 Gauge
ID# 28427 1022 Instrument

Mouth Alcohol Solution Lot # 2016-A
Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	G2880
Interferent	G2834
0.05	G3709
0.08	SD3964
0.20	DR3856

Attachments

☒ Form 41 ☐ Optical Bench Cal
☒ Pre-Stability Tests ☐ Post-Stability Tests
☒ Flow Calibration ☐ Other ______

Notes: QC ✓ BDB

☒ **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**

Brett Kirkland
Quality Control Review

3/8/17
Date

Revised November 2012

STABILITY CHECKS- HARDEE COUNTY SO -80-001077

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
03/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.050	11:19
Air Blank	0.000	11:20
Control Test	0.049	11:20
Air Blank	[illegible]	11:21
Control Test	[illegible]	11:21
Air Blank	[illegible]	11:22
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
03/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.080	11:27
Air Blank	0.000	11:28
Control Test	0.080	11:29
Air Blank	0.000	11:29
Control Test	0.080	11:30
Air Blank	0.000	11:30
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
03/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:42
Control Test	0.199	11:43
Air Blank	0.000	11:44
Control Test	0.198	11:44
Air Blank	0.000	11:45
Control Test	0.198	11:46
Air Blank	0.000	11:46
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

SP
Operator's Signature

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
03/08/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:33
Control Test	0.081	11:34
Air Blank	0.000	11:34
Control Test	0.081	11:34
Air Blank	0.000	11:35
Control Test	0.081	11:35
Air Blank	0.000	11:36
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

ADS
BK

SP
Operator's Signature

FLOW CALIBRATION
80-001077

HARDEE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001077
03/08/2017
Software: 8100.27

RWB

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.926
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.832
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.688
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 704
Rounded Intercept = -702581
Correlation = 0.99879

BK