FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Pasco County Sheriff's Office S/N 80-003347

Date In 07/03/2018 DI Completion Date 07/03/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TG

☑ 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 03 2018
Alcohol Testing Program

Quality Checks Performed By DMB

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 182
☑ Flow Verification (L/s)
Flow Column # ATP 105
32 mm 0.167 (.139 - .169)
36 mm 0.179 (.156 - .190)
53 mm 0.250 (.228 - .278)
103 mm 0.527 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28662
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 07/25/2019
0.080	SD3962	201707E 07/25/2019
0.200	G2078	201707C 07/24/2019
0.080 DGS	N/A	AG805701 02/26/2020

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 DMB

☑ Lab Temp °C 21.1
External Digital Therm. ID#: 300505
☑ 34°C +-.2 Serial #: SD1018
☑ 34°C +-.2 Serial #: SD3962
☑ 34°C +-.2 Serial #: G2078

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 DMB

Barometric Pressure ID# 28662
Gauge 1017 Instrument 1015
Mouth Alcohol Solution Lot # 2017-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G4444
Interferent	G6621
0.050	SD1018
0.080	SD3962
0.200	G2078

Attachments

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

Notes/Suggested Service: Please remember to change level 2 menu password to something unique. DMB 7/3/18

☑ **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**

SPlatt 7/3/18 — Tech Review / Date
[signature] 7/3/18 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PASCO COUNTY SO
Time of Inspection: 12:59 Date of Inspection: 07/03/2018

Serial Number: 80-003347
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	0.047	0.078	0.194	0.081
0.000	0.049	0.079	0.198	0.081
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.050	0.080	0.200	0.081
0.000	0.050	0.079	0.199	0.080
0.000	0.049	0.080	0.199	0.081
0.000	0.050	0.080	0.199	0.081
0.000	0.049	0.080	0.199	0.081

Standard Deviations	0.0008	0.0006	0.0017	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0009 Number of Simulators Used: 5

Remarks:

SP

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.

DANIELLE M BELL

Signature and Printed Name

07/03/2018

Date

7/3/18

FDLE/ATP Form 41 –Revised August 2005

Stability Checks #80-003347 Pasco County S.O. 7/3/18 DGS

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.048	11:19
Air Blank	0.000	11:19
Control Test	0.050	11:20
Air Blank	0.000	11:20
Control Test	0.050	11:21
Air Blank	0.000	11:21
Control Test Stats		
Average	0.0493	
Std Dev	0.0012	
Rel Std Dev(%)	2.3406	

Operator's Signature

7/3/18

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:22
Control Test	0.080	11:23
Air Blank	0.000	11:24
Control Test	0.080	11:24
Air Blank	0.000	11:25
Control Test	0.080	11:26
Air Blank	0.000	11:26
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.195	11:28
Air Blank	0.000	11:29
Control Test	0.198	11:29
Air Blank	0.000	11:30
Control Test	0.199	11:30
Air Blank	0.000	11:31
Control Test Stats		
Average	0.1973	
Std Dev	0.0021	
Rel Std Dev(%)	1.0549	

Operator's Signature

DGS

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
07/03/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:32
Control Test	0.081	11:32
Air Blank	0.000	11:33
Control Test	0.080	11:33
Air Blank	0.000	11:33
Control Test	0.082	11:34
Air Blank	0.000	11:34
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

SP

Operator's Signature

FDLE

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 80-003347, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-003347		
Owning Agency:	PASCO COUNTY SO	0.050 g/ 210 L	0.004
Calibration Date:	07/03/2018	0.080 g/ 210 L	0.005
Calibration Time:	12:59	0.200 g/ 210 L	0.008
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99% 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.

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SP

07/03/2018
Date

DANIELLE M BELL,
Department Inspector

7/3/18

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Barry Nixon on 5/30/2018

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-003347

Bill To Address:	Ship to Address:
Pasco County Sheriff's Office	FDLE Off-site Mail Facility
8700 Citizens Drive	c/o Florida Dept of Law Enforcement
New Port Richey, FL 34654-4499	Alcohol Testing Program - Danielle Bell
	813-B Lake Bradford Rd.
	Tallahassee, FL 32304

Reason for Return:

Instrument was reading low on the dry gas. I attempted to perform an optical bench calibration (auto cal) and on the 0.040 level, I received at Fault Det message. I repeated and again received the same message. I turned the instrument off and unplugged then restarted and tried again. Again, at the 0.040 (2nd level - 0.000 then 0.040), the Fault Det message displayed. Calibration adjustment data is included with this description. Thanks.

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: Barry Nixon

Phone #: (727) 514-6335 Email: BNixon@pascosheriff.org

ATP Contact Name: Danielle Bell ATP Email: DanielleBell@fdle.state.fl.us

5/31/18

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Pasco County Sheriff's Office S/N 80-003347

Date In 05/30/2018 DI Completion Date N/A ☐Ship ☐P/U ☐H/D ☑CMI ☐EE

Intake Performed By DMB

☑ 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

MAY 31 2018

Alcohol Testing Program

Quality Checks Performed By DMB

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 185
☑ Flow Verification (L/s)
Flow Column # ATP 103
32 mm 0.140 (.139 - .169)
36 mm 0.156 (.156 - .190)
53 mm 0.222 (.228 - .278)
103 mm 0.503 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28427
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D 07/25/2019
0.080	DR1275	201707E 07/25/2019
0.200	SD1019	201707C 07/24/2019
0.080 DGS	N/A	AG805702 02/26/2020

Flow Calibration Performed By DMB

Flow Column # ATP 102
☑ 5L/min – 17mm
☑ 15L/min – 53mm
☑ 30L/min – 103mm
☑ R-Value 186
☑ Post Calibration Verification (L/s)
Flow Column # ATP 103
32 mm 0.152 (.139 - .169)
36 mm 0.164 (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.500 (.447 - .547)

Maintenance Performed By

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

Temperature Checks Performed By DMB

☑ Lab Temp °C 22.1
External Digital Therm. ID#: 300502
☑ 34°C +-.2 Serial #: SD1021
☑ 34°C +-.2 Serial #: DR1275
☑ 34°C +-.2 Serial #: SD1019

Calibration Adjustment Performed By DMB

Barometric Pressure Gauge 1012 ID # 28662

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	16320	10/21/2018
0.100	G2879	17280	09/11/2019
0.200	G3709	17090	02/24/2019
0.300	G8149	18110	04/02/2020
0.080 DGS	N/A	17817080A2	02/26/2020

☐ 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
☑ Stability Checks
☐ Calibration Certificate
☑ Calibration Adjustment
X2 DMB 5/30/18
☐ Post-Stability Checks
☑ Flow Calibration
☐ Form 40
☐ Other

Notes/Suggested Service: Attempted to perform 2 optical bench calibration adjustments to bring values closer to nominal. During the 0.040 wet bath calibration point, the instrument fault detected on 3 separate occassions. Sending to CMI for further review. DMB 5/30/18

☐ **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**

5/31/18 Tech Review / Date

J Graham 5/31/18 Admin Review / Date

Stability Checks #80-003347 Pasco County S.O. 5/30/18

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:48
Control Test	0.048	12:49
Air Blank	0.000	12:50
Control Test	0.049	12:50
Air Blank	0.000	12:51
Control Test	0.050	12:52
Air Blank	0.000	12:52
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	

Operator's Signature

5/31/18

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:53
Control Test	0.080	12:54
Air Blank	0.000	12:54
Control Test	0.081	12:55
Air Blank	0.000	12:55
Control Test	0.082	12:56
Air Blank	0.000	12:57
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

Operator's Signature

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:58
Control Test	0.197	12:58
Air Blank	0.000	12:59
Control Test	0.200	13:00
Air Blank	0.000	13:00
Control Test	0.200	13:01
Air Blank	0.000	13:01
Control Test Stats		
Average	0.1990	
Std Dev	0.0017	
Rel Std Dev(%)	0.8704	

Operator's Signature

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:03
Control Test	0.076	13:03
Air Blank	0.000	13:04
Control Test	0.077	13:04
Air Blank	0.000	13:04
Control Test	0.077	13:05
Air Blank	0.000	13:05
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Operator's Signature

Optical bench calibration adjustment Data #80-003347 Pasco County S.O. 5/30/18
#1

PASCO COU
Intoxilyz Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018 14:12:46

Auto Calibration
Max Power Res Value = 30
Auto Rang Res Value = 16

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12643, 9um Io = 14082

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0480	(-0.0010)
Sample #2 =	0.1060	(0.0120)
Sample #3 =	0.0530	(0.0620)
Sample #4 =	0.0740	(0.0520)

Avg % Abs = 0.0777 (0.0420)
STD DEV = 0.0267 (0.0265)
REL STD DEV = 34.364 (62.994)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0310	(0.0040)
Sample #2 =	0.0910	(-0.0130)
Sample #3 =	0.0740	(0.0060)
Sample #4 =	0.0780	(0.0000)

Avg % Abs = 0.0810 (-0.0023)
STD DEV = 0.00[illegible]
REL STD DEV = 1[illegible]

Sol Value [illegible]
Fit value [illegible]
Samples Taken = 4, Discarded = 1
3um Io = 12629, 9um Io = 14077

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7800	(-0.0280)
Sample #2 =	0.7350	(0.0060)
Sample #3 =	0.8020	(-0.0140)
Sample #4 =	0.7460	(0.0220)

Avg % Abs = 0.7610 (0.0047)
STD DEV = 0.0359 (0.0180)
REL STD DEV = 4.721 (386.507)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4910	(-0.0170)
Sample #2 =	1.4860	(-0.0140)
Sample #3 =	1.5000	(-0.0140)
Sample #4 =	1.4980	(-0.0070)

Avg % Abs = 1.4947 (-0.0117)
STD DEV = 0.0076 (0.0040)
REL STD DEV = 0.507 (34.641)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12625, 9um Io = 14072

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7900	(-0.0220)
Sample #2 =	0.7850	(-0.0120)
Sample #3 =	0.7110	(0.0300)
Sample #4 =	0.7480	(0.0090)

Avg % Abs = 0.7480 (0.0090)
STD DEV = [illegible]
REL STD DEV = [illegible]

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5340	(-0.0260)
Sample #2 =	1.5330	(-0.0060)
Sample #3 =	1.5020	(-0.0030)
Sample #4 =	1.4900	(-0.0010)

Avg % Abs = 1.5083 (-0.0033)
STD DEV = 0.0222 (0.0025)
REL STD DEV = 1.471 (75.498)

**** AUTO CAL FAIL

5/31/18
JD

Optical Bench Calibration Adjustment Data #80-003347 Pasco County S.O. 5/30/18 #2

PASCO COUNTY
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018 15:02:56

Auto Calibration
Max Power Res Value = 30
Auto Range Res Value = 16

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12635, 9um Io = 14074

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0500	(-0.0060)
Sample #2 =	0.1170	(-0.0070)
Sample #3 =	0.1000	(0.0260)
Sample #4 =	0.1060	(0.0360)

Avg % Abs = 0.1077 (0.0183)
STD DEV = 0.0086 (0.0225)
REL STD DEV = 8.008 (122.737)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0500	(0.0030)
Sample #2 =	0.0860	(-0.0230)
Sample #3 =	0.0780	(-0.0070)
Sample #4 =	0.0790	(-0.0080)

Avg % Abs = 0.0810 (-0.0127)
STD DEV = 0.0044 (0.0090)
REL STD DEV = [illegible]

Sol Value = [illegible]
Fit value = [illegible]
Samples Taken = 4, Discarded = 1
3um Io = 12622, 9um Io = 14071

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7370	(-0.0220)
Sample #2 =	0.8010	(-0.0250)
Sample #3 =	0.7320	(0.0040)
Sample #4 =	0.7870	(-0.0110)

Avg % Abs = 0.7733 (-0.0107)
STD DEV = 0.0365 (0.0145)
REL STD DEV = 4.716 (135.964)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4820	(0.0000)
Sample #2 =	1.5250	(-0.0190)
Sample #3 =	1.5140	(-0.0150)
Sample #4 =	1.5340	(-0.0280)

Avg % Abs = 1.5243 (-0.0207)
STD DEV = 0.0100 (0.0067)
REL STD DEV = 0.657 (32.218)

**** AUTO CAL FAIL

5/31/18

Flow Calibration
Adjustment Data
#80-003347
Pasco County S.O.
5/30/18
KMB

PASCO COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003347
05/30/2018
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 5.383
2: Rate (Liters/min) = 15
SQRT(Diff)) = 10.906
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.047
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 618
Rounded Intercept = -301643
Correlation = 0.99856

5/31/18
JO