FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency: Hendry County SO S/N: 80-000951
Date In: 5-1-19 DI Completion Date: 5-2-19 ☐Ship ☒P/U ☐H/D ☐CMI ☐EE

Intake — Performed By: SP

- ☒ Annual
- ☐ Registration
- ☐ Return from CMI / EE

Visual Inspection:
- ☒ Case
- ☒ Keyboard
- ☒ Feet
- ☒ Ports
- ☒ Handle
- ☒ Dry Gas Shelf
- ☒ Breath Tube
- ☒ Screws Tight

Other Equipment/ Accessories:
- ☐ Power cord
- ☒ Static Bag
- ☐ Printer Cable
- ☐ 12V DC Cable

Notes: missing 2 spacers on feet

Quality Checks — Performed By: SP

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 150
- ☒ Flow Verification (L/s)

Flow Column # ATP101
- 32 mm .160 (.139 - .169)
- 36 mm .175 (.156 - .190)
- 53 mm .250 (.228 - .278)
- 103 mm .496 (.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 686039
- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	201707D / 7-25-19
0.080	SD3968	201707E / 7-25-19
0.200	SD3969	201707C / 7-24-19
0.080 DGS	N/A	AG831804 / 11-14-20

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: SP/MK

- ☒ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other _____

Temperature Checks — Performed By: SP

- ☒ Lab Temp °C 22.5

External Digital Therm. ID#: 300504
- ☒ 34°C +-.2 Serial #: SD3967
- ☒ 34°C +-.2 Serial #: SD3968
- ☒ 34°C +-.2 Serial #: SD3969

Final Release Date

FDLE
MAY 06 2019
Alcohol Testing Program

Calibration Adjustment — Performed By: SP

Barometric Pressure Gauge 1016 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	G12100	N/A	N/A
0.040	MP5098	17410	12-6-19
0.100	MP5099	18200	7-3-20
0.200	MP5100	19040	1-29-21
0.300	MP5101	18110	4-2-20
0.080 DGS	N/A	178170SDA2	8-5-19

☒ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD3967	201707D	7-25-19
0.080	SD3968	201707E	7-25-19
0.200	SD3969	201707C	7-24-19
0.080 DGS	N/A	AG831804	11-14-20

Department Inspection — Performed By: SP

Barometric Pressure ID# 686039
Gauge 1016 Instrument ~~1022~~ SP 1016
Mouth Alcohol Solution Lot # 2018-B
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: _____

E-MAILED 5-2-19

APPROVED

- ☒ **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**

PSgm 5/6/19 — Tech Review / Date
[signature] 5/6/19 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HENDRY COUNTY S.O.
Time of Inspection: 11:17
Date of Inspection: 05/02/2019
Serial Number: 80-000951
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	0.048	0.078	0.196	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.049	0.079	0.198	0.080

Standard Deviations	0.0003	0.0004	0.0004	0.0000

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

PDM

Remarks:

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

05/02/2019
Date

5/6/19

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000951	HENDRY County SO	5-1-19	SP

0.05g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/01/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:29
Control Test	0.049	10:30
Air Blank	0.000	10:30
Control Test	0.050	10:31
Air Blank	0.000	10:31
Control Test	0.050	10:32
Air Blank	0.000	10:33

Control Test Stats

Average	0.0497
Std Dev	0.0006
Rel Std Dev(%)	1.1625

SP
Operator's Signature

5/6/19

0.08g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/01/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:19
Control Test	0.080	10:19
Air Blank	0.000	10:20
Control Test	0.081	10:21
Air Blank	0.000	10:21
Control Test	0.081	10:22
Air Blank	0.000	10:22

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

SP
Operator's Signature

0.20g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/01/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.197	10:24
Air Blank	0.000	10:25
Control Test	0.199	10:25
Air Blank	0.000	10:26
Control Test	0.199	10:26
Air Blank	0.000	10:27

Control Test Stats

Average	0.1983
Std Dev	0.0012
Rel Std Dev(%)	0.5822

SP
Operator's Signature

DGS 0.08g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/01/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.078	10:13
Air Blank	0.000	10:14
Control Test	0.078	10:14
Air Blank	0.000	10:15
Control Test	0.077	10:15
Air Blank	0.000	10:16

Control Test Stats

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

DGS

SP
Operator's Signature

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 80-000951 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-000951		
Owning Agency:	HENDRY COUNTY S.O.	0.050 g/ 210 L	0.004
Calibration Date:	05/02/2019	0.080 g/ 210 L	0.004
Calibration Time:	11:17	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.

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05/02/2019
Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

5/6/19

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/02/2019 08:23:28

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12769, 9um Io = 13163

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0680	(-0.0060)
Sample #2 =	0.0790	(0.0140)
Sample #3 =	0.0860	(0.0070)
Sample #4 =	0.0880	(0.0210)

Avg % Abs = 0.0843 (0.0140)
STD DEV = 0.0047 (0.0070)
REL STD DEV = 5.604 (50.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0620	(0.0210)
Sample #2 =	0.0870	(0.0040)
Sample #3 =	0.0790	(-0.0020)
Sample #4 =	0.1050	(0.0000)

Avg % Abs = 0.0903 (0.0007)
STD DEV = 0.0133 (0.0031)
REL STD DEV = 14.742 (458.258)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12762, 9um Io = 13161

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8420	(-0.0200)
Sample #2 =	0.8400	(0.0030)
Sample #3 =	0.8020	(0.0520)
Sample #4 =	0.8460	(0.0470)

Avg % Abs = 0.8293 (0.0340)
STD DEV = 0.0239 (0.0270)
REL STD DEV = 2.877 (79.303)

5/6/19

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5890	(-0.0170)
Sample #2 =	1.5550	(0.0020)
Sample #3 =	1.5570	(0.0230)
Sample #4 =	1.5820	(0.0210)

Avg % Abs = 1.5647 (0.0153)
STD DEV = 0.0150 (0.0116)
REL STD DEV = 0.962 (75.588)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12752, 9um Io = 13154

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9160	(-0.0190)
Sample #2 =	1.9370	(-0.0080)
Sample #3 =	1.9510	(-0.0300)
Sample #4 =	1.9440	(0.0080)

Avg % Abs = 1.9440 (-0.0100)
STD DEV = 0.0070 (0.0191)
REL STD DEV = 0.360 (190.788)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6390	(-0.0130)
Sample #2 =	3.6420	(0.0070)
Sample #3 =	3.6280	(-0.0100)
Sample #4 =	3.6410	(0.0000)

Avg % Abs = 3.6370 (-0.0010)
STD DEV = 0.0078 (0.0085)
REL STD DEV = 0.215 (854.401)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12752, 9um Io = 13154

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7530	(-0.0210)
Sample #2 =	3.7370	(0.0270)
Sample #3 =	3.7480	(0.0130)
Sample #4 =	3.7420	(0.0450)

Avg % Abs = 3.7423 (0.0283)
STD DEV = 0.0055 (0.0160)
REL STD DEV = 0.147 (56.617)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9940	(-0.0110)
Sample #2 =	6.9410	(0.0390)
Sample #3 =	6.9370	(0.0210)
Sample #4 =	6.9500	(0.0300)

Avg % Abs = 6.9427 (0.0300)
STD DEV = 0.0067 (0.0090)
REL STD DEV = 0.096 (30.000)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12748, 9um Io = 13151

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4650	(-0.0220)
Sample #2 =	5.4430	(-0.0070)
Sample #3 =	5.4530	(0.0220)
Sample #4 =	5.4910	(0.0000)

Avg % Abs = 5.4623 (0.0050)
STD DEV = 0.0253 (0.0151)
REL STD DEV = 0.464 (302.655)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0510	(-0.0140)
Sample #2 =	10.0360	(0.0210)
Sample #3 =	10.0290	(0.0380)
Sample #4 =	10.0460	(0.0390)

Avg % Abs = 10.0370 (0.0327)
STD DEV = 0.0085 (0.0101)
REL STD DEV = 0.085 (30.967)

CAL ADJUSTMENT
80-000951
SP

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.084
Std Dev = 0.00 Rel Std Dev = 5.60
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.829
Std Dev = 0.02 Rel Std Dev = 2.88
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.944
Std Dev = 0.01 Rel Std Dev = 0.36
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.742
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.462
Std Dev = 0.03 Rel Std Dev = 0.46
Zero Order Coef = -198.64
First Order Coef = 2493.82
Second Order Coef = 28.72
Standard Deviation = 12.041360

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 14.74
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.565
Std Dev = 0.02 Rel Std Dev = 0.96
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.637
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.943
Std Dev = 0.01 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.037
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -125.83
First Order Coef = 1286.85
Second Order Coef = 14.85
Standard Deviation = 12.065650

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0002
0.040	0.040	0.0003
0.100	0.100	0.0001
0.200	0.200	-0.0003
0.300	0.300	0.0001

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	-0.0004
0.100	0.100	0.0002
0.200	0.200	-0.0000
0.300	0.300	-0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3136.00
Sample #2 = 2991.00
Sample #3 = 3170.00
Sample #4 = 3030.00
Average Result = 3063.6667
STD DEV = 94.1293
REL STD DEV = 3.072
****
***** CHANNEL 2
Sample #1 = 3285.00
Sample #2 = 3295.00
Sample #3 = 3340.00
Sample #4 = 3305.00
Average Result = 3313.3333
STD DEV = 23.6291
REL STD DEV = 0.713
****
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 746
9 um H20 Adjust (mg/l*10,000) = 496
**** AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities - Post Cal Adjust	80-000951	HENDRY County SO	5-2-19	SP

0.05g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/02/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.048	09:43
Air Blank	0.000	09:43
Control Test	0.048	09:44
Air Blank	0.000	09:45
Control Test	0.048	09:45
Air Blank	0.000	09:46

Control Test Stats

Average	0.0480
Std Dev	0.0000
Rel Std Dev(%)	0.0000

SP
Operator's Signature

0.08g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/02/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:37
Control Test	0.079	09:38
Air Blank	0.000	09:39
Control Test	0.079	09:39
Air Blank	0.000	09:40
Control Test	0.079	09:40
Air Blank	0.000	09:41

Control Test Stats

Average	0.0790
Std Dev	0.0000
Rel Std Dev(%)	0.0000

SP
Operator's Signature

0.20g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/02/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.196	09:33
Air Blank	0.000	09:34
Control Test	0.197	09:34
Air Blank	0.000	09:35
Control Test	0.197	09:36
Air Blank	0.000	09:36

Control Test Stats

Average	0.1967
Std Dev	0.0006
Rel Std Dev(%)	0.2936

SP
Operator's Signature

DGS 0.08g/210L

HENDRY COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000951
05/02/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:24
Control Test	0.080	09:25
Air Blank	0.000	09:25
Control Test	0.079	09:25
Air Blank	0.000	09:26
Control Test	0.080	09:26
Air Blank	0.000	09:27

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

DGS

SP
Operator's Signature

PJM 5/6/19