



INSTRUMENT PROCESSING SHEET

Agency Okaloosa County SO

S/N 80-000763

Florida Department of
Law Enforcement

Date In 04/17/2019

DI Completion Date 04/24/2019

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DP</u> ☒ 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: _____ _____ _____	Quality Checks Performed By <u>JO</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>211</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.250</u> (.228 - .278) 103 mm <u>.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td>SD1012</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>DR1279</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD1013</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG831804 11/14/2020</td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD1012	201707D 07/25/2019	0.080	DR1279	201707E 07/25/2019	0.200	SD1013	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)																																													
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Final Release Date FDLE APR 25 2019 Alcohol Testing Program	Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>JO</u> ☒ Lab Temp °C <u>22.2</u> External Digital Therm. ID#: <u>300503</u> ☒ 34°C +/- .2 Serial #: <u>SD1012</u> ☒ 34°C +/- .2 Serial #: <u>DR1279</u> ☒ 34°C +/- .2 Serial #: <u>SD1013</u>																																																													
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Notes/Suggested Service: <u>Please change the level 2 password to something unique.</u> <u>JO</u> _____ _____ _____ _____		☒ 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 <u>SP 4124/19</u> Tech Review / Date <u>Brett Kirkland 4/25/19</u> Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OKALOOSA COUNTY SO
Time of Inspection: 11:15

Date of Inspection: 04/24/2019

Serial Number: 80-000763
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	0.080	0.200	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.079	0.198	0.078
0.000	0.050	0.079	0.198	0.078
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.080	0.199	0.078

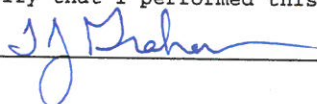
Standard Deviations	0.0004	0.0005	0.0009	0.0000
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) 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.



THOMAS J GRAHAM
Signature and Printed Name

04/24/2019
Date

SP BK
4/25/19

80-000763
4/23/19
JD

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
04/23/2019
Software: 8100.27

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
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Intoxilyzer - Alcohol Analyzer
Model 8000
04/23/2019
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Test	g/210L	Time
Air Blank	0.000	11:51
Control Test	0.048	11:51
Air Blank	0.000	11:52
Control Test	0.048	11:52
Air Blank	0.000	11:53
Control Test	0.048	11:54
Air Blank	0.000	11:54
Control Test	0.000	11:54
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Test	g/210L	Time
Air Blank	0.000	11:55
Control Test	0.078	11:56
Air Blank	0.000	11:56
Control Test	0.078	11:57
Air Blank	0.000	11:58
Control Test	0.078	11:58
Air Blank	0.000	11:59
Control Test	0.000	11:59
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Test	g/210L	Time
Air Blank	0.000	12:00
Control Test	0.193	12:01
Air Blank	0.000	12:01
Control Test	0.192	12:02
Air Blank	0.000	12:03
Control Test	0.191	12:03
Air Blank	0.000	12:04
Control Test	0.000	12:04
Average	0.1920	
Std Dev	0.0010	
Rel Std Dev(%)	0.5208	

Test	g/210L	Time
Air Blank	0.000	12:05
Control Test	0.079	12:05
Air Blank	0.000	12:06
Control Test	0.080	12:06
Air Blank	0.000	12:07
Control Test	0.079	12:07
Air Blank	0.000	12:07
Control Test	0.000	12:07
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

JD

Operator's Signature

JD

Operator's Signature

JD

Operator's Signature

JD

Operator's Signature

SP BK 4/25/19



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 80-000763, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000763</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>OKALOOSA COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>04/24/2019</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:15</u>	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.

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

04/24/2019

Date

THOMAS J GRAHAM,
Department Inspector

Service • Integrity • Respect • Quality

SP BK
4/25/19

80-000763

Calibration Adjustment

4/24/19

JD

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.4430 (0.0070)
 Sample #2 = 1.4730 (0.0000)
 Sample #3 = 1.4610 (0.0040)
 Sample #4 = 1.4800 (0.0040)
 Avg % Abs = 1.4713 (0.0027)
 STD DEV = 0.0096 (0.0023)
 REL STD DEV = 0.653 (86.603)

OKALOOSA COUNTY SO

Intoxilizer - Alcohol Analyzer

Model 8000 SN 80-000763

04/24/2019 08:47:16

Auto Calibration

Max Power Res Value = 94

Auto Range Res Value = 57

Sol Value = 0.100 g/210L ***

Fit Value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12536, Sum Io = 12773

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.8020 (-0.0240)
 Sample #2 = 1.8180 (-0.0080)
 Sample #3 = 1.8100 (0.0320)
 Sample #4 = 1.8280 (0.0460)
 Avg % Abs = 1.8187 (0.0233)
 STD DEV = 0.0090 (0.0280)
 REL STD DEV = 0.496 (120.102)

Sol Value = 0.000 g/210L ***

Fit Value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12561, Sum Io = 12779

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.0840 (-0.0080)
 Sample #2 = 0.0820 (-0.0090)
 Sample #3 = 0.1150 (0.0200)
 Sample #4 = 0.0890 (0.0460)
 Avg % Abs = 0.0953 (0.0190)
 STD DEV = 0.0174 (0.0275)
 REL STD DEV = 18.239 (144.809)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.3870 (-0.0130)
 Sample #2 = 3.3970 (0.0000)
 Sample #3 = 3.3920 (0.0260)
 Sample #4 = 3.4290 (0.0150)
 Avg % Abs = 3.4060 (0.0137)
 STD DEV = 0.0201 (0.0131)
 REL STD DEV = 0.589 (95.496)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.1100 (-0.0070)
 Sample #2 = 0.1230 (-0.0140)
 Sample #3 = 0.1380 (-0.0050)
 Sample #4 = 0.1400 (-0.0150)
 Avg % Abs = 0.1337 (-0.0113)
 STD DEV = 0.0093 (0.0055)
 REL STD DEV = 6.951 (48.596)

Sol Value = 0.200 g/210L ***

Fit Value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12529, Sum Io = 12770

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.4860 (-0.0150)
 Sample #2 = 3.5090 (0.0260)
 Sample #3 = 3.5180 (0.0220)
 Sample #4 = 3.5330 (0.0500)
 Avg % Abs = 3.5200 (0.0327)
 STD DEV = 0.0121 (0.0151)
 REL STD DEV = 0.344 (46.358)

Sol Value = 0.040 g/210L ***

Fit Value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12548, Sum Io = 12776

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.7510 (0.0060)
 Sample #2 = 0.7920 (0.0360)
 Sample #3 = 0.7560 (0.0560)
 Sample #4 = 0.7810 (0.0470)
 Avg % Abs = 0.7763 (0.0463)
 STD DEV = 0.0184 (0.0100)
 REL STD DEV = 2.376 (21.619)

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

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.095

Std Dev = 0.02 Rel Std Dev = 18.24

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.776

Std Dev = 0.02 Rel Std Dev = 2.38

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.819

Std Dev = 0.01 Rel Std Dev = 0.50

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.520

Std Dev = 0.01 Rel Std Dev = 0.34

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.125

Std Dev = 0.01 Rel Std Dev = 0.25

Zero Order Coef = -225.14

First Order Coef = 2676.90

Second Order Coef = 29.55

Standard Deviation = 32.943699

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.134

Std Dev = 0.01 Rel Std Dev = 6.95

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.471

Std Dev = 0.01 Rel Std Dev = 0.65

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.406

Std Dev = 0.02 Rel Std Dev = 0.59

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.519

Std Dev = 0.02 Rel Std Dev = 0.35

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.452

Std Dev = 0.02 Rel Std Dev = 0.19

Zero Order Coef = -186.01

First Order Coef = 1403.23

Second Order Coef = 13.47

Standard Deviation = 8.633036

Solution Stats Quadratic Fit Chan 1
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0006
 0.040 0.039 0.0007
 0.100 0.100 0.0004
 0.200 0.201 -0.0008
 0.300 0.300 0.0003

Solution Stats Quadratic Fit Chan 2
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.000 -0.0000
 0.040 0.040 -0.0001
 0.100 0.100 0.0003
 0.200 0.200 -0.0002
 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 = 3082.00

Sample #2 = 3269.00

Sample #3 = 3061.00

Sample #4 = 3164.00

Average Result = 3164.6667

STD DEV = 104.0016

REL STD DEV = 3.286

***** CHANNEL 2

Sample #1 = 3339.00

Sample #2 = 3379.00

Sample #3 = 3325.00

Sample #4 = 3344.00

Average Result = 3349.3333

STD DEV = 27.3922

REL STD DEV = 0.818

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1017

3 um H2O Adjust (mg/l * 10,000) = 645

9 um H2O Adjust (mg/l * 10,000) = 460

***** AUTO CAL PASS

SP
4/25/19

80-000763 Post Stability Checks

4/24/19 

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000763
04/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:29
Control Test	0.050	09:30
Air Blank	0.000	09:30
Control Test	0.050	09:31
Air Blank	0.000	09:32
Control Test	0.050	09:32
Air Blank	0.000	09:33
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000763
04/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:34
Control Test	0.081	09:35
Air Blank	0.000	09:35
Control Test	0.081	09:36
Air Blank	0.000	09:36
Control Test	0.081	09:37
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000763
04/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:39
Control Test	0.200	09:39
Air Blank	0.000	09:40
Control Test	0.201	09:41
Air Blank	0.000	09:41
Control Test	0.201	09:42
Air Blank	0.000	09:42
Control Test Stats		
Average	0.2007	
Std Dev	0.0006	
Rel Std Dev(%)	0.2877	


Operator's Signature

OKALOOSA COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000763
04/24/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.079	09:44
Air Blank	0.000	09:44
Control Test	0.079	09:45
Air Blank	0.000	09:45
Control Test	0.079	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS


Operator's Signature

SP BK 4/25/19