



INSTRUMENT PROCESSING SHEET

Agency Orange City PDS/N 80-001159Florida Department of
Law EnforcementDate In 10/3/2019DI Completion Date 11/14/19☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	Performed By <u>DP</u>	Quality Checks	Performed By <u>Pgm</u>	Flow Calibration	Performed By																																								
☒ 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: <u>Handle not attached on left side. Bolt on right side of handle extremely loose.</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>229</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.148</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.246</u> (.228 - .278) 103 mm <u>.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28421</u> ☒ Stability Checks		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)																																									
Final Release Date FDLE NOV 22 2019 Alcohol Testing Program		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td><u>501018</u></td><td><u>201905A</u> <u>5/14/21</u></td></tr><tr><td>0.080</td><td><u>503962</u></td><td><u>201905B</u> <u>5/14/21</u></td></tr><tr><td>0.200</td><td><u>G2078</u></td><td><u>201904D</u> <u>4/30/21</u></td></tr><tr><td>0.080 DGS</td><td><u>N/A</u></td><td><u>AG916501</u> <u>6/14/21</u></td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	<u>501018</u>	<u>201905A</u> <u>5/14/21</u>	0.080	<u>503962</u>	<u>201905B</u> <u>5/14/21</u>	0.200	<u>G2078</u>	<u>201904D</u> <u>4/30/21</u>	0.080 DGS	<u>N/A</u>	<u>AG916501</u> <u>6/14/21</u>		Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>Pgm</u> ☒ Lab Temp °C <u>21.8</u> External Digital Therm. ID#: <u>300505</u> ☒ 34°C +/- .2 Serial #: <u>501018</u> ☒ 34°C +/- .2 Serial #: <u>503962</u> ☒ 34°C +/- .2 Serial #: <u>G2078</u>																										
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				Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☒ Form 40 <u>XQ</u> ☐ Other _____																																									
Notes/Suggested Service: <u>Repeated Calibration</u> <u>Adjust to get values closer to</u> <u>NOMINAL.</u> <u>EMailed</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 11/21/19 + South/Hickland 11/21/19</u> Tech Review / Date _____ Admin Review / Date _____																																											

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE CITY P.D.
Time of Inspection: 11:53

Date of Inspection: 11/14/2019

Serial Number: 80-001159
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#:AG916501 Exp: 06/14/2021
0.000	0.050	0.079	0.199	0.080
0.000	0.049	0.080	0.200	0.080
0.000	0.050	0.079	0.200	0.080
0.000	0.049	0.080	0.200	0.081
0.000	0.049	0.080	0.200	0.080
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.080	0.199	0.080
0.000	0.050	0.079	0.199	0.080

Standard Deviations	0.0004	0.0005	0.0005	0.0005
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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:

SP
13K
11/21/19

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.

Patrick J Murphy

PATRICK J MURPHY

Signature and Printed Name

11/14/2019
Date

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
10/08/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:14
Control Test	0.049	08:14
Air Blank	0.000	08:15
Control Test	0.047	08:15
Air Blank	0.000	08:16
Control Test	0.048	08:17
Air Blank	0.000	08:17
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
10/08/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.082	08:29
Air Blank	0.000	08:30
Control Test	0.082	08:30
Air Blank	0.000	08:30
Control Test	0.081	08:31
Air Blank	0.000	08:31
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

DGS

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
10/08/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:19
Control Test	0.077	08:19
Air Blank	0.000	08:20
Control Test	0.077	08:20
Air Blank	0.000	08:21
Control Test	0.078	08:22
Air Blank	0.000	08:22
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

P Murphy
Operator's Signature

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
10/08/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:24
Control Test	0.195	08:24
Air Blank	0.000	08:25
Control Test	0.196	08:26
Air Blank	0.000	08:26
Control Test	0.196	08:27
Air Blank	0.000	08:27
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

P Murphy
Operator's Signature

SP BK 11/21/19

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
11/06/2019 11:33:37

Auto Calibration
Max Power Res Value = 56
Auto Range Res Value = 33

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12463, Sum Io = 13202

CHANCELL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0720	(-0.0160)
Sample #2 =	0.0960	(-0.0160)
Sample #3 =	0.0750	(-0.0060)
Sample #4 =	0.0960	(-0.0060)
Avg % Abs =	0.0890	(-0.0093)
STD DEV =	0.0121	(0.0058)
REL STD DEV =	13.623	(61.859)

CHANCELL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1160	(-0.0260)
Sample #2 =	0.1070	(-0.0370)
Sample #3 =	0.1020	(-0.0300)
Sample #4 =	0.0900	(-0.0200)
Avg % Abs =	0.0997	(-0.0290)
STD DEV =	0.0087	(0.0085)
REL STD DEV =	8.766	(29.462)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12459, Sum Io = 13204

CHANCELL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8340	(-0.0190)
Sample #2 =	0.8040	(-0.0050)
Sample #3 =	0.8020	(0.0020)
Sample #4 =	0.8240	(0.0100)
Avg % Abs =	0.8100	(0.0023)
STD DEV =	0.0122	(0.0075)
REL STD DEV =	1.502	(321.667)

CHANCELL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5120	(0.0040)
Sample #2 =	1.5170	(0.0120)
Sample #3 =	1.5090	(0.0200)
Sample #4 =	1.5450	(0.0090)
Avg % Abs =	1.5237	(0.0137)
STD DEV =	0.0189	(0.0057)
REL STD DEV =	1.241	(41.607)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12456, Sum Io = 13203

CHANCELL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8500	(-0.0040)
Sample #2 =	1.8470	(-0.0010)
Sample #3 =	1.8700	(0.0160)
Sample #4 =	1.8370	(0.0270)
Avg % Abs =	1.8513	(0.0140)
STD DEV =	0.0169	(0.0141)
REL STD DEV =	0.914	(100.762)

CHANCELL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6120	(0.0020)
Sample #2 =	3.6130	(0.0040)
Sample #3 =	3.6230	(-0.0060)
Sample #4 =	3.6250	(0.0150)
Avg % Abs =	3.6203	(0.0043)
STD DEV =	0.0064	(0.0105)
REL STD DEV =	0.178	(242.399)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12452, Sum Io = 13200

CHANCELL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5440	(-0.0110)
Sample #2 =	3.5560	(-0.0020)
Sample #3 =	3.5290	(0.0280)
Sample #4 =	3.5530	(0.0120)
Avg % Abs =	3.5460	(0.0127)
STD DEV =	0.0148	(0.0150)
REL STD DEV =	0.417	(118.509)

CHANCELL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9480	(-0.0300)
Sample #2 =	6.9370	(-0.0110)
Sample #3 =	6.8950	(0.0110)
Sample #4 =	6.9170	(-0.0010)
Avg % Abs =	6.9163	(-0.0003)
STD DEV =	0.0210	(0.0110)
REL STD DEV =	0.304	(3304.542)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12450, Sum Io = 13199

CHANCELL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1920	(-0.0200)
Sample #2 =	5.2030	(-0.0100)
Sample #3 =	5.1750	(0.0130)
Sample #4 =	5.1800	(0.0240)
Avg % Abs =	5.1860	(0.0090)
STD DEV =	0.0149	(0.0173)
REL STD DEV =	0.288	(192.771)

CHANCELL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.0490	(-0.0180)
Sample #2 =	10.0460	(-0.0080)
Sample #3 =	10.0370	(0.0090)
Sample #4 =	10.0290	(0.0060)
Avg % Abs =	10.0373	(0.0023)
STD DEV =	0.0085	(0.0091)
REL STD DEV =	0.085	(388.876)

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

CHANCELL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.089
Std Dev = 0.01 Rel Std Dev = 13.62
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.810
Std Dev = 0.01 Rel Std Dev = 1.50
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.851
Std Dev = 0.02 Rel Std Dev = 0.91
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.546
Std Dev = 0.01 Rel Std Dev = 0.42
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.186
Std Dev = 0.01 Rel Std Dev = 0.29
Zero Order Coef = -244.81
First Order Coef = 2647.57
Second Order Coef = 29.84
Standard Deviation = 9.100864

CHANCELL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.100
Std Dev = 0.01 Rel Std Dev = 8.77
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.524
Std Dev = 0.02 Rel Std Dev = 1.24
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.620
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.916
Std Dev = 0.02 Rel Std Dev = 0.30
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.037
Std Dev = 0.01 Rel Std Dev = 0.08
Zero Order Coef = -124.60
First Order Coef = 1304.41
Second Order Coef = 13.07
Standard Deviation = 7.377586

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	-0.0003
0.100	0.100	0.0001
0.200	0.200	0.0001
0.300	0.300	-0.0000

SP BK
11/21/19

80-001159 11/6/19

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0002
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 = 3182.00
 Sample #2 = 3198.00
 Sample #3 = 3181.00
 Sample #4 = 3247.00
 Average Result = 3208.6667
 STD DEV = 34.2685
 REL STD DEV = 1.068

 ***** CHANNEL 2
 Sample #1 = 3441.00
 Sample #2 = 3473.00
 Sample #3 = 3477.00
 Sample #4 = 3505.00
 Average Result = 3485.0000
 STD DEV = 17.4356
 REL STD DEV = 0.500

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1021
 3 um H2O Adjust (mg/l*10,000) = 601
 9 um H2O Adjust (mg/l*10,000) = 324
 ***** AUTO CAL PASS

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 11/14/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:27
Control Test	0.048	08:28
Air Blank	0.000	08:28
Control Test	0.048	08:29
Air Blank	0.000	08:29
Control Test	0.049	08:30
Air Blank	0.000	08:31
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Q Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 11/14/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:38
Control Test	0.198	08:39
Air Blank	0.000	08:40
Control Test	0.199	08:40
Air Blank	0.000	08:41
Control Test	0.198	08:41
Air Blank	0.000	08:42
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

Q Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 11/14/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:32
Control Test	0.079	08:33
Air Blank	0.000	08:33
Control Test	0.080	08:34
Air Blank	0.000	08:35
Control Test	0.079	08:35
Air Blank	0.000	08:36
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Q Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 11/14/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:04
Control Test	0.079	09:05
Air Blank	0.000	09:05
Control Test	0.080	09:05
Air Blank	0.000	09:06
Control Test	0.080	09:06
Air Blank	0.000	09:07
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

Q Murphy
 Operator's Signature

SP
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 11/21/19

80-001159 AND
 POST CALIBRATION
 ADJUST STABILITIES

ORANGE CITY P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001159
10/24/2019 10:27:11

Auto Calibration
Max Power Res Value = 57
Auto Range Res Value = 33

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12505, Sum lo = 13219

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.0630 (-0.0080)
Sample #2 = 0.0850 (-0.0120)
Sample #3 = 0.0850 (0.0260)
Sample #4 = 0.1000 (0.0320)
Avg % Abs = 0.0900 (0.0153)
STD DEV = 0.0087 (0.0239)
REL STD DEV = 9.623 (155.613)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.0670 (-0.0050)
Sample #2 = 0.0730 (-0.0110)
Sample #3 = 0.0870 (0.0000)
Sample #4 = 0.0990 (-0.0090)
Avg % Abs = 0.0863 (-0.0067)
STD DEV = 0.0130 (0.0059)
REL STD DEV = 15.073 (87.892)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12495, Sum lo = 13215

Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.8060 (-0.0300)
Sample #2 = 0.8260 (-0.0180)
Sample #3 = 0.8290 (0.0000)
Sample #4 = 0.8150 (0.0090)
Avg % Abs = 0.8233 (-0.0030)
STD DEV = 0.0074 (0.0137)
REL STD DEV = 0.895 (458.258)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.4980 (-0.0230)
Sample #2 = 1.5460 (-0.0330)
Sample #3 = 1.5340 (-0.0220)
Sample #4 = 1.5270 (-0.0140)
Avg % Abs = 1.5357 (-0.0230)
STD DEV = 0.0096 (0.0095)
REL STD DEV = 0.626 (41.476)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12495, Sum lo = 13218
Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.8370 (-0.0050)
Sample #2 = 1.8590 (0.0310)
Sample #3 = 1.8970 (0.0230)
Sample #4 = 1.8690 (0.0350)
Avg % Abs = 1.8750 (0.0297)
STD DEV = 0.0197 (0.0061)
REL STD DEV = 1.051 (20.596)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.6100 (-0.0050)
Sample #2 = 3.6280 (0.0100)
Sample #3 = 3.6530 (0.0150)
Sample #4 = 3.6350 (0.0050)
Avg % Abs = 3.6390 (0.0100)
STD DEV = 0.0128 (0.0050)
REL STD DEV = 0.351 (50.000)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12487, Sum lo = 13213
Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 3.5540 (-0.0150)
Sample #2 = 3.5690 (-0.0170)
Sample #3 = 3.5650 (-0.0020)
Sample #4 = 3.5620 (0.0010)
Avg % Abs = 3.5653 (-0.0060)
STD DEV = 0.0035 (0.0096)
REL STD DEV = 0.099 (160.728)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 6.9020 (0.0020)
Sample #2 = 6.9470 (-0.0070)
Sample #3 = 6.9630 (-0.0110)
Sample #4 = 6.9400 (-0.0080)
Avg % Abs = 6.9500 (-0.0087)
STD DEV = 0.0118 (0.0021)
REL STD DEV = 0.170 (24.019)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum lo = 12487, Sum lo = 13212
Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 5.1760 (-0.0270)
Sample #2 = 5.2410 (-0.0070)
Sample #3 = 5.2090 (0.0120)
Sample #4 = 5.2300 (0.0090)
Avg % Abs = 5.2267 (0.0047)
STD DEV = 0.0163 (0.0102)
REL STD DEV = 0.311 (218.879)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 9.9980 (-0.0230)
Sample #2 = 10.1030 (-0.0350)
Sample #3 = 10.0960 (-0.0250)
Sample #4 = 10.1160 (-0.0120)
Avg % Abs = 10.1050 (-0.0240)
STD DEV = 0.0101 (0.0115)
REL STD DEV = 0.100 (48.052)

Auto Calibration Data
Channel 1 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.090
Std Dev = 0.01 Rel Std Dev = 9.62
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.823
Std Dev = 0.01 Rel Std Dev = 0.90
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.875
Std Dev = 0.02 Rel Std Dev = 1.05
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.565
Std Dev = 0.00 Rel Std Dev = 0.10
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.227
Std Dev = 0.02 Rel Std Dev = 0.31
Zero Order Coef = -257.37
First Order Coef = 2629.60
Second Order Coef = 29.64
Standard Deviation = 23.134655

Channel 2 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.086
Std Dev = 0.01 Rel Std Dev = 15.07
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.536
Std Dev = 0.01 Rel Std Dev = 0.63
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.639
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.950
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.105
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -115.82
First Order Coef = 1296.80
Second Order Coef = 12.74
Standard Deviation = 8.063329

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0004
0.040 0.040 -0.0005
0.100 0.100 -0.0003
0.200 0.199 0.0006
0.300 0.300 -0.0002

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80-001159 10/24/19

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0001
0.040	0.040	-0.0000
0.100	0.100	-0.0002
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 = 3213.00
 Sample #2 = 3111.00
 Sample #3 = 3130.00
 Sample #4 = 3116.00
 Average Result = 3119.0000
 STD DEV = 9.8489
 REL STD DEV = 0.316

***** CHANNEL 2

Sample #1 = 3479.00
 Sample #2 = 3440.00
 Sample #3 = 3458.00
 Sample #4 = 3456.00
 Average Result = 3451.3333
 STD DEV = 9.8658
 REL STD DEV = 0.286

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1018

3 um H2O Adjust (mg/l*10,000) = 690

9 um H2O Adjust (mg/l*10,000) = 358

**** AUTO CAL PASS

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:26
Control Test	0.048	11:27
Air Blank	0.000	11:27
Control Test	0.049	11:28
Air Blank	0.000	11:28
Control Test	0.048	11:29
Air Blank	0.000	11:29
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

P Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:40
Control Test	0.199	11:41
Air Blank	0.000	11:42
Control Test	0.199	11:42
Air Blank	0.000	11:43
Control Test	0.198	11:44
Air Blank	0.000	11:44
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

P Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:31
Control Test	0.077	11:32
Air Blank	0.000	11:32
Control Test	0.078	11:33
Air Blank	0.000	11:34
Control Test	0.078	11:34
Air Blank	0.000	11:35
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

P Murphy
 Operator's Signature

ORANGE CITY P.D.
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001159
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:46
Control Test	0.082	11:46
Air Blank	0.000	11:47
Control Test	0.081	11:47
Air Blank	0.000	11:48
Control Test	0.081	11:48
Air Blank	0.000	11:49
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

P Murphy
 Operator's Signature

80-001159 AND
 POST CALIBRATION
 Adjust Stabilities

SP
 BK
 11/21/19

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE CITY P.D.
Time of Inspection: 11:32

Date of Inspection: 11/06/2019

Serial Number: 80-001159
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
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:_____

Number of Simulators Used: _____

Remarks:

SKIPPED AI TO OPERATE INSTRUMENT

NOT A COMPLIANCE CHECK PD gm

SP
BK
11/21/19

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Patrick J Murphy

PATRICK J MURPHY

Signature and Printed Name

11/06/2019
Date

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE CITY P.D.
Time of Inspection: 08:26

Date of Inspection: 11/13/2019

Serial Number: 80-001159
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
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:_____

Number of Simulators Used: _____

Remarks:

SKIPPED AI TO OPERATE INSTRUMENT

Not A compliance check room

SP
BK
11/21/19

The above instrument complies (☒) does not comply () with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Patrick J Murphy

PATRICK J MURPHY

Signature and Printed Name

11/13/2019
Date



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 80-001159, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001159</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE CITY P.D.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>11/14/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>11:53</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

11/14/2019

Date

Patrick J Murphy

PATRICK J MURPHY

Department Inspector

Service • Integrity • Respect • Quality

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11/21/19