



INSTRUMENT PROCESSING SHEET

Agency Flagler CountyS/N 80-006616Florida Department of
Law EnforcementDate In 10/16/2019DI Completion Date 10/24/19 Ship P/U H/D CMI EE

Intake Performed By <u>DP</u>		Quality Checks Performed By <u>SP</u>		Flow Calibration Performed By _____																																																													
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>226</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.242</u> (.228 - .278) 103 mm <u>.515</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>26932</u> <input checked="" type="checkbox"/> Stability Checks		Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> 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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FDLE OCT 24 2019 Alcohol Testing Program		Temperature Checks Performed By <u>SP</u> <input checked="" type="checkbox"/> Lab Temp °C <u>21.3</u> External Digital Therm. ID#: <u>300503</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD10132</u> SP <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>DR1279</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1013</u>																																																															
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Notes/Suggested Service: _____		<input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate <input checked="" type="checkbox"/> Calibration Adjustment <input checked="" type="checkbox"/> Post-Stability Checks <input type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____																																																															
		<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																																															
		<u>POPM 10/24/19</u> <u>Brett Kinkland 10/24/19</u> Tech Review / Date Admin Review / 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 80-006616, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006616</u>	UNCERTAINTY* ±	
Owning Agency:	<u>FLAGLER COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/24/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:19</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.

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10/24/2019

Date

Shayla Platt

SHAYLA D PLATT,

Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

QJM
BK 10/24/19

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FLAGLER COUNTY SO
Time of Inspection: 13:19

Date of Inspection: 10/24/2019

Serial Number: 80-006616
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	0.049	0.079	0.197	0.080
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.080	0.199	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.078	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079

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

Remarks:

BKM
10/24/19

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.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

10/24/2019
Date

Stability Checks # 80-006616

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/17/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:58
Control Test	0.048	14:59
Air Blank	0.000	14:59
Control Test	0.046	15:00
Air Blank	0.000	15:00
Control Test	0.047	15:01
Air Blank	0.000	15:02
Control Test Stats		
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

SP

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/17/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:03
Control Test	0.075	15:03
Air Blank	0.000	15:04
Control Test	0.075	15:04
Air Blank	0.000	15:05
Control Test	0.075	15:06
Air Blank	0.000	15:06
Control Test Stats		
Average	0.0750	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/17/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:58
Control Test	0.192	13:58
Air Blank	0.000	13:59
Control Test	0.193	14:00
Air Blank	0.000	14:00
Control Test	0.194	14:01
Air Blank	0.000	14:01
Control Test Stats		
Average	0.1930	
Std Dev	0.0010	
Rel Std Dev(%)	0.5181	

SP

Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/17/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:53
Control Test	0.080	14:54
Air Blank	0.000	14:54
Control Test	0.080	14:54
Air Blank	0.000	14:55
Control Test	0.080	14:55
Air Blank	0.000	14:56
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

Room
 BK 10/24/19

Post Cal - Adjust
 Stability Checks # 80-006616

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:30
Control Test	0.049	10:30
Air Blank	0.000	10:31
Control Test	0.048	10:31
Air Blank	0.000	10:32
Control Test	0.049	10:33
Air Blank	0.000	10:33
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

SP
 Operator's Signature

Qyam
 YBK
 10/24/19

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:25
Control Test	0.078	10:26
Air Blank	0.000	10:26
Control Test	0.079	10:27
Air Blank	0.000	10:27
Control Test	0.079	10:28
Air Blank	0.000	10:29
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

SP
 Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:20
Control Test	0.199	10:21
Air Blank	0.000	10:21
Control Test	0.198	10:22
Air Blank	0.000	10:23
Control Test	0.199	10:23
Air Blank	0.000	10:24
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

SP
 Operator's Signature

FLAGLER COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-006616
 10/24/2019
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:34
Control Test	0.080	10:34
Air Blank	0.000	10:35
Control Test	0.080	10:35
Air Blank	0.000	10:36
Control Test	0.080	10:36
Air Blank	0.000	10:37
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

SP
 Operator's Signature

FLAGLER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
10/24/2019
08:56:20

Auto Calibration
Max Power Res Value = 38
Auto Range Res Value = 20

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5500 (-0.0100)
Sample #2 = 1.5440 (0.0030)
Sample #3 = 1.5250 (0.0000)
Sample #4 = 1.5390 (0.0010)
Avg % Abs = 1.5360 (0.0013)
STD DEV = 0.0098 (0.0015)
REL STD DEV = 0.641 (114.564)

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12744, Sum Io = 13050
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0470 (-0.0080)
Sample #2 = 0.0250 (0.0000)
Sample #3 = 0.0170 (0.0220)
Sample #4 = 0.0520 (0.0180)
Avg % Abs = 0.0313 (0.0133)
STD DEV = 0.0183 (0.0117)
REL STD DEV = 58.530 (87.892)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1350 (0.0020)
Sample #2 = 0.1330 (0.0040)
Sample #3 = 0.1310 (0.0060)
Sample #4 = 0.1370 (0.0000)
Avg % Abs = 0.1337 (0.0033)
STD DEV = 0.0031 (0.0031)
REL STD DEV = 2.286 (91.652)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12738, Sum Io = 13047
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.7610 (-0.0080)
Sample #2 = 0.7340 (0.0130)
Sample #3 = 0.7300 (0.0070)
Sample #4 = 0.7560 (0.0130)
Avg % Abs = 0.7400 (0.0110)
STD DEV = 0.0140 (0.0035)
REL STD DEV = 1.892 (31.492)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.7360 (-0.0090)
Sample #2 = 6.7450 (0.0150)
Sample #3 = 6.7670 (0.0090)
Sample #4 = 6.7680 (0.0150)
Avg % Abs = 6.7600 (0.0130)
STD DEV = 0.0130 (0.0035)
REL STD DEV = 0.192 (26.647)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12736, Sum Io = 13045
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.1570 (-0.0150)
Sample #2 = 5.1560 (0.0020)
Sample #3 = 5.1500 (0.0320)
Sample #4 = 5.1550 (0.0350)
Avg % Abs = 5.1537 (0.0230)
STD DEV = 0.0032 (0.0182)
REL STD DEV = 0.062 (79.340)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.8290 (0.0000)
Sample #2 = 9.8540 (0.0010)
Sample #3 = 9.8800 (0.0080)
Sample #4 = 9.8980 (0.0100)
Avg % Abs = 9.8773 (0.0063)
STD DEV = 0.0021 (0.0047)
REL STD DEV = 0.224 (74.618)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12735, Sum Io = 13046
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.4890 (-0.0190)
Sample #2 = 3.4620 (0.0080)
Sample #3 = 3.5100 (-0.0080)
Sample #4 = 3.4670 (0.0190)
Avg % Abs = 3.4797 (0.0063)
STD DEV = 0.0264 (0.0136)
REL STD DEV = 0.758 (214.373)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.031
Std Dev = 0.02 Rel Std Dev = 58.53
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.740
Std Dev = 0.01 Rel Std Dev = 1.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.781

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.00 Rel Std Dev = 2.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.536
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.570
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.760
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.877

<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.031
Std Dev = 0.02 Rel Std Dev = 58.53
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.740
Std Dev = 0.01 Rel Std Dev = 1.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.781
Std Dev = 0.01 Rel Std Dev = 1.89
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.760
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.877

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.00 Rel Std Dev = 2.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.536
Std Dev = 0.01 Rel Std Dev = 0.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.570
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.760
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.877

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 -0.0002
0.100 0.101 -0.0006
0.200 0.199 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 = 3522.00
Sample #2 = 3516.00
Sample #3 = 3490.00
Sample #4 = 3518.00
Average Result = 3514.6667
STD DEV = 14.0475
REL STD DEV = 0.401

***** CHANNEL 2 *****
Sample #1 = 3373.00
Sample #2 = 3360.00
Sample #3 = 3355.00
Sample #4 = 3366.00
Average Result = 3360.3333
STD DEV = 5.5076
REL STD DEV = 0.164

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 305
9 um H2O Adjust (mg/l*10,000) = 449
***** AUTO CAL PASS *****

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 -0.0002
0.100 0.100 -0.0001
0.200 0.200 0.0003
0.300 0.300 -0.0001

CAL ADJUSTMENT
#80-006616 SP

ADAM BK/10/24/19