



INSTRUMENT PROCESSING SHEET

Agency St. Johns CountyS/N 80-001134

Florida Department of Law Enforcement

Date In 3/2/2020DI Completion Date 3/16/20 Ship P/U H/D CMI EE

Intake Performed By DP

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 DP

Breath Tube Screen
 Replace External O-Rings
 Instrument Set Up Verified
 R-Value 193
 Flow Verification (L/s)
 Flow Column # ATP-102
 32 mm 0.167 (.139 - .169)
 36 mm 0.183 (.156 - .190)
 53 mm 0.250 (.228 - .278)
 103 mm 0.519 (.447 - .547)

Barometric Pressure Check
 Gauge ID # 26932

Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201905A 05-14-2021
0.080	DR1275	201905B 05-14-2021
0.200	SD1011	201904D 04-30-2021
0.080 DGS	N/A	AG931603 11-12-2021

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 _____

Final Release Date
 FDLE
 MAR 16 2020
 Alcohol Testing Program

Temperature Checks Performed By SP

Lab Temp °C 22.1
 External Digital Therm. ID#: 300502
 34°C +- .2 Serial #: SD1021
 34°C +- .2 Serial #: DR1275
 34°C +- .2 Serial #: SD1011

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1019 ID # 30793

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	19080	3-4-21
0.100	G2879	19160	7-9-21
0.200	G3709	19040	1-29-21
0.300	G8149	19010	1-3-21
0.080 DGS	N/A	08819080A2	6-5-21

Department Inspection Performed By SP

Barometric Pressure ID# 28421
 Gauge 1024 Instrument 1021
 Mouth Alcohol Solution Lot # 2019-B
 Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	G8144
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1011

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1021	201905A	5-14-21
0.080	DR1275	201905B	5-14-21
0.200	SD1011	201904D	4-30-21
0.080 DGS	N/A	AG931603	11-12-21

Attachments

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

Notes/Suggested Service: _____

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

SPM 3/16/20 Brett Kinkland 3/16/2020
 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 80-001134, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001134</u>	UNCERTAINTY* ±	
Owning Agency:	<u>ST JOHNS COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/16/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>11:47</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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03/16/2020

Shayla Platt

Date

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 January 2020
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Room 13K 3/16/2020

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST JOHNS COUNTY SO
Time of Inspection: 11:47

Date of Inspection: 03/16/2020

Serial Number: 80-001134
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#:AG931603 Exp: 11/12/2021
0.000	0.048	0.077	0.194	0.080
0.000	0.048	0.078	0.196	0.080
0.000	0.048	0.078	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.049	0.079	0.196	0.079
0.000	0.048	0.078	0.196	0.079
0.000	0.048	0.078	0.198	0.079
0.000	0.048	0.078	0.199	0.079
0.000	0.048	0.077	0.199	0.079
0.000	0.048	0.078	0.199	0.079

Standard Deviations	0.0003	0.0006	0.0016	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0007 Number of Simulators Used: 5

Remarks:

FBK
3/16/2020

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

03/16/2020
Date

Stability Checks

ST. JOHNS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/13/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:16
Control Test	0.047	11:17
Air Blank	0.000	11:17
Control Test	0.047	11:18
Air Blank	0.000	11:19
Control Test	0.047	11:19
Air Blank	0.000	11:20
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



 Operator's Signature

ST. JOHNS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/13/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:21
Control Test	0.076	11:22
Air Blank	0.000	11:23
Control Test	0.077	11:23
Air Blank	0.000	11:24
Control Test	0.077	11:24
Air Blank	0.000	11:25
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

wet



 Operator's Signature

ST. JOHNS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/13/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:27
Control Test	0.197	11:27
Air Blank	0.000	11:28
Control Test	0.199	11:28
Air Blank	0.000	11:29
Control Test	0.198	11:30
Air Blank	0.000	11:30
Control Test Stats		
Average	0.1980	
Std Dev	0.0010	
Rel Std Dev(%)	0.5051	




 Operator's Signature

ST. JOHNS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/13/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:35
Control Test	0.078	11:35
Air Blank	0.000	11:36
Control Test	0.079	11:36
Air Blank	0.000	11:36
Control Test	0.078	11:37
Air Blank	0.000	11:37
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

Dry



 Operator's Signature

QDM
 BK
 3/16/2020

ST. JOHNS COUNTY, SC
 Intoxilyzer - Alcohol Analyser
 Model 8000
 03/13/2020 12:11:51
 SN 80-001134

Auto Calibration
 Max Power Res Value = 58
 Auto Range Res Value = 37

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5460 (-0.0280)
 Sample #2 = 1.5240 (-0.0200)
 Sample #3 = 1.5440 (-0.0260)
 Sample #4 = 1.5300 (-0.0120)
 Avg % Abs = 1.5327 (-0.0193)
 STD DEV = 0.0103 (0.0070)
 REL STD DEV = 0.670 (36.330)

Sol Value = 0.080 g/210L ***
 Fit Value = 0.080 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12701, Sum Io = 13503

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9730 (-0.0150)
 Sample #2 = 1.9820 (0.0260)
 Sample #3 = 1.9560 (0.0230)
 Sample #4 = 1.9540 (0.0230)
 Avg % Abs = 1.9640 (0.0240)
 STD DEV = 0.0155 (0.0017)
 REL STD DEV = 0.795 (7.217)

Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12708, Sum Io = 13502

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.3330 (-0.0090)
 Sample #2 = 5.3580 (0.0080)
 Sample #3 = 5.3580 (0.0240)
 Sample #4 = 5.3240 (0.0500)
 Avg % Abs = 5.3600 (0.0273)
 STD DEV = 0.0370 (0.0212)
 REL STD DEV = 0.691 (77.552)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.0730 (-0.0050)
 Sample #2 = 0.0750 (-0.0020)
 Sample #3 = 0.0830 (0.0050)
 Sample #4 = 0.0790 (0.0020)
 Avg % Abs = 0.0790 (0.0017)
 STD DEV = 0.0040 (0.0035)
 REL STD DEV = 5.063 (210.713)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6580 (-0.0140)
 Sample #2 = 3.6860 (0.0050)
 Sample #3 = 3.6390 (0.0100)
 Sample #4 = 3.6240 (0.0150)
 Avg % Abs = 3.6497 (0.0100)
 STD DEV = 0.0323 (0.0050)
 REL STD DEV = 0.886 (50.000)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.0440 (-0.0170)
 Sample #2 = 10.1350 (-0.0120)
 Sample #3 = 10.0950 (0.0070)
 Sample #4 = 10.0500 (0.0220)
 Avg % Abs = 10.0937 (0.0057)
 STD DEV = 0.0430 (0.0170)
 REL STD DEV = 0.426 (300.691)

Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12690, Sum Io = 13497

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8560 (-0.0290)
 Sample #2 = 0.8370 (0.0050)
 Sample #3 = 0.8690 (-0.0110)
 Sample #4 = 0.8560 (0.0100)
 Avg % Abs = 0.8540 (0.0017)
 STD DEV = 0.0161 (0.0112)
 REL STD DEV = 1.884 (669.029)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12695, Sum Io = 13497

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6740 (-0.0120)
 Sample #2 = 3.6740 (0.0220)
 Sample #3 = 3.6900 (0.0200)
 Sample #4 = 3.6540 (0.0320)
 Avg % Abs = 3.6727 (0.0247)
 STD DEV = 0.0180 (0.0054)
 REL STD DEV = 0.491 (26.064)

***** AUTO CAL DATA *****
 <<<<< CHANNEL 1 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.128
 Std Dev = 0.01 Rel Std Dev = 7.06
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.854
 Std Dev = 0.02 Rel Std Dev = 1.88
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.964
 Std Dev = 0.02 Rel Std Dev = 0.80
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.673
 Std Dev = 0.02 Rel Std Dev = 0.49
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.360
 Std Dev = 0.04 Rel Std Dev = 0.69
 Zero Order Coef = -322.79
 First Order Coef = 2548.26
 Second Order Coef = 33.44
 Standard Deviation = 33.929508

Solution Stats Quadratic Fit Chan 1
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.000 -0.0001
 0.040 0.039 0.0006
 0.100 0.101 -0.0010
 0.200 0.199 0.0008
 0.300 0.300 -0.0002

Solution Stats Quadratic Fit Chan 2
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 -0.000 0.0002
 0.040 0.040 -0.0000
 0.100 0.101 -0.0007
 0.200 0.199 0.0007
 0.300 0.300 -0.0002

Sol Value = 0.080 g/210L ***
 Fit Value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 2874.00
 Sample #2 = 2864.00
 Sample #3 = 2874.00
 Sample #4 = 2852.00
 Average Result = 2863.3333
 STD DEV = 11.0151
 REL STD DEV = 0.385
 ***** CHANNEL 2 *****
 Sample #1 = 3359.00
 Sample #2 = 3374.00
 Sample #3 = 3390.00
 Sample #4 = 3390.00
 Average Result = 3384.6667
 STD DEV = 9.2376
 REL STD DEV = 0.273
 ***** CHANNEL 1 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1018
 3 um H2O Adjust (mg/l*10,000) = 946
 9 um H2O Adjust (mg/l*10,000) = 425
 ***** AUTO CAL PASS *****

<<<<< CHANNEL 2 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.079
 Std Dev = 0.00 Rel Std Dev = 5.06
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.533
 Std Dev = 0.01 Rel Std Dev = 0.67
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.650
 Std Dev = 0.03 Rel Std Dev = 0.89
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.925
 Std Dev = 0.00 Rel Std Dev = 0.105
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.094
 Std Dev = 0.04 Rel Std Dev = 0.43
 Zero Order Coef = -112.91
 First Order Coef = 1297.21
 Second Order Coef = 12.92
 Standard Deviation = 24.517892

CAL - ADJUSTMENT
 SP

CPM 1316/2020

Post Cal Adjust Stability Checks # 80-001134

ST. JOHNS COUNTY SC
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/16/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.048	10:13
Air Blank	0.000	10:14
Control Test	0.048	10:15
Air Blank	0.000	10:15
Control Test	0.048	10:16
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

 Operator's Signature

ST. JOHNS COUNTY SC
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/16/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:02
Control Test	0.078	10:02
Air Blank	0.000	10:03
Control Test	0.079	10:04
Air Blank	0.000	10:04
Control Test	0.079	10:05
Air Blank	0.000	10:05
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

SP

 Operator's Signature

ST. JOHNS COUNTY SC
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/16/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.199	10:07
Air Blank	0.000	10:07
Control Test	0.199	10:08
Air Blank	0.000	10:09
Control Test	0.199	10:09
Air Blank	0.000	10:10
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

 Operator's Signature

ST. JOHNS COUNTY SC
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001134
 03/16/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.080	09:53
Air Blank	0.000	09:53
Control Test	0.081	09:54
Air Blank	0.000	09:54
Control Test	0.081	09:54
Air Blank	0.000	09:55
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

 Operator's Signature

SPM
 13K
 3/16/2020