



INSTRUMENT PROCESSING SHEET

Agency Martin CSO

S/N 80-000831

Florida Department of Law Enforcement

Date In 07/13/2023

DI Completion Date 07/17/2023

Ship P/U H/D CMI EE

Intake	By TDG	Quality Checks	By TDG	Date 07/17/2023	Flow Calibration	By	Date														
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" 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 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 175 <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # ATP104 32 mm 0.156 (.139 - .169) 36 mm 0.167 (.156 - .190) 53 mm 0.238 (.228 - .278) 103 mm 0.500 (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # 26932 <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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Calibration Adjustment	By	Department Inspection	By TDG																																																												
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		Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Post-Stability Checks <input type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____																																																													

Notes/Suggested Service: _____ _____ _____ _____ _____ _____ _____ _____	<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
Israel Soto <small>Digitally signed by Israel Soto Date: 2023.07.18 07:56:58 -0400</small>	Phil Nicodemmo <small>Digitally signed by Phil Nicodemmo Date: 2023.07.21 13:46:17 -0400</small>
Tech Review / Date	Admin Review / Date

Type of Test	Serial Number	Agency	Date		Performed By
			80-000631	Martin CSO	

0.05g/210L		0.08g/210L		0.20g/210L		DGS 0.08g/210L			
0.047 to 0.053	✓	0.077 to 0.083	✓	0.194 to 0.206	✓	0.077 to 0.083	✓	≤ 0.003 of Wet	✓
<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/17/2023 Software: 8100.27</p> <p>Test g/210L Time ----- Air Blank 0.000 10:10 Control Test 0.049 10:11 Air Blank 0.000 10:11 Control Test 0.048 10:12 Air Blank 0.000 10:12 Control Test 0.048 10:13 Air Blank 0.000 10:13 Control Test Stats Average 0.0483 Std Dev 0.0006 Rel. Std Dev(%) 1.1945</p>	<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/17/2023 Software: 8100.27</p> <p>Test g/210L Time ----- Air Blank 0.000 10:17 Control Test 0.078 10:18 Air Blank 0.000 10:18 Control Test 0.077 10:19 Air Blank 0.000 10:20 Control Test 0.077 10:20 Air Blank 0.000 10:21 Control Test Stats Average 0.0773 Std Dev 0.0006 Rel. Std Dev(%) 0.7466</p>	<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/17/2023 Software: 8100.27</p> <p>Test g/210L Time ----- Air Blank 0.000 10:24 Control Test 0.199 10:24 Air Blank 0.000 10:25 Control Test 0.199 10:26 Air Blank 0.000 10:26 Control Test 0.199 10:27 Air Blank 0.000 10:27 Control Test Stats Average 0.1990 Std Dev 0.0000 Rel. Std Dev(%) 0.0000</p>	<p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/17/2023 Software: 8100.27</p> <p>Test g/210L Time ----- Air Blank 0.000 09:57 Control Test 0.079 09:57 Air Blank 0.000 09:57 Control Test 0.078 09:58 Air Blank 0.000 09:58 Control Test 0.078 09:59 Air Blank 0.000 09:59 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel. Std Dev(%) 0.7370</p>						
<p>Operator's Signature</p>		<p>Operator's Signature</p>		<p>Operator's Signature</p>		<p>Operator's Signature</p>			

OGS

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 12:33

Date of Inspection: 07/17/2023

Serial Number: 80-000831
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG223802 Exp: 08/26/2024
0.000	0.048	0.077	0.198	0.079
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.077	0.198	0.078
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.199	0.079
Standard Deviations	0.0003	0.0004	0.0004	0.0005

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.

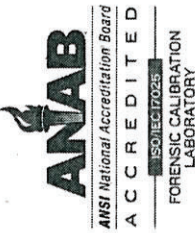
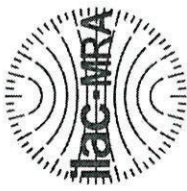
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.



TAYLOR D GUTSCHOW

Signature and Printed Name

07/17/2023
Date



Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000831, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000831</u>	UNCERTAINTY* ±
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>07/17/2023</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>12:33</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).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.


TAYLOR D GUTSCHOW,
Department Inspector

07/17/2023
Date

FDLE/ATP Form 69 December 2021
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality



INSTRUMENT PROCESSING SHEET

Agency Martin CSO

S/N 80-000831

Florida Department of Law Enforcement

Date In 02/16/2023 DI Completion Date 03/01/2023 Ship P/U H/D CMI EE

Intake, Quality Checks, Flow Calibration, Maintenance, and Notes sections with various checkboxes and data entry fields.

Calibration Adjustment and Department Inspection sections containing tables for simulator data and inspection details.

Notes/Suggested Service and Attachments sections with text input and checkboxes for compliance and service notes.

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 0831	Martin CSO	02/17/2023	TDG MG

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L				
0.047 to 0.053		✓	0.077 to 0.083		✗	0.194 to 0.206		✓	0.077 to 0.083		✓	≤0.003 of Wet	✗
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/17/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/17/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/17/2023 Software: 8100.27			DGS MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/17/2023 Software: 8100.27				
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time		
Air Blank	0.000	12:15	Air Blank	0.000	12:24	Air Blank	0.000	12:30	Air Blank	0.000	12:04		
Control Test	0.048	12:15	Control Test	0.076	12:24	Control Test	0.197	12:31	Control Test	0.080	12:04		
Air Blank	0.000	12:16	Air Blank	0.000	12:25	Air Blank	0.000	12:32	Air Blank	0.000	12:05		
Control Test	0.048	12:17	Control Test	0.076	12:26	Control Test	0.196	12:32	Control Test	0.080	12:05		
Air Blank	0.000	12:17	Air Blank	0.000	12:26	Air Blank	0.000	12:33	Air Blank	0.000	12:05		
Control Test	0.048	12:18	Control Test	0.077	12:27	Control Test	0.195	12:33	Control Test	0.080	12:06		
Air Blank	0.000	12:18	Air Blank	0.000	12:27	Air Blank	0.000	12:34	Air Blank	0.000	12:06		
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats				
Average	0.0480		Average	0.0763		Average	0.1960		Average	0.0800			
Std Dev	0.0000		Std Dev	0.0006		Std Dev	0.0010		Std Dev	0.0000			
Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.7564		Rel Std Dev(%)	0.5102		Rel Std Dev(%)	0.0000			
_____ MG Operator's Signature			_____ MG Operator's Signature			_____ MG Operator's Signature			_____ MG Operator's Signature				

Comments: Will perform an optical cal adjust. MG 02/17/2023

MARTIN COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000831
 02/23/2023 10:34:56

Auto Calibration
 Max Power Res Value = 38
 Auto Range Res Value = 17

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 11039, Sum Lo = 14234

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0610	(-0.0160)
Sample #2 =	0.0520	(-0.0430)
Sample #3 =	0.0400	(-0.0220)
Sample #4 =	0.0550	(-0.0190)
Avg % Abs =	0.0490	(-0.0280)
STD DEV =	0.0079	(0.0131)
REL STD DEV =	16.198	(46.702)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0880	(-0.0180)
Sample #2 =	0.1000	(-0.0370)
Sample #3 =	0.0770	(-0.0240)
Sample #4 =	0.0930	(-0.0280)
Avg % Abs =	0.0900	(-0.0297)
STD DEV =	0.0118	(0.0067)
REL STD DEV =	13.100	(22.444)

Sol Value = 0.040 g/210L ***
 Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 11030, Sum Lo = 14229

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7380	(-0.0130)
Sample #2 =	0.7630	(-0.0380)
Sample #3 =	0.7720	(-0.0560)
Sample #4 =	0.7600	(-0.0110)
Avg % Abs =	0.7650	(-0.0350)
STD DEV =	0.0062	(0.0226)
REL STD DEV =	0.816	(64.713)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4890	(-0.0140)
Sample #2 =	1.5210	(-0.0250)
Sample #3 =	1.5140	(-0.0320)
Sample #4 =	1.5310	(-0.0210)
Avg % Abs =	1.5220	(-0.0260)
STD DEV =	0.0085	(0.0056)
REL STD DEV =	0.561	(21.414)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 11042, Sum Lo = 14237

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.7890	(-0.0140)
Sample #2 =	1.8040	(-0.0600)
Sample #3 =	1.8120	(-0.0370)
Sample #4 =	1.8040	(-0.0480)
Avg % Abs =	1.8067	(-0.0483)
STD DEV =	0.0046	(0.0115)
REL STD DEV =	0.256	(23.801)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6060	(-0.0100)
Sample #2 =	3.6130	(-0.0380)
Sample #3 =	3.6180	(-0.0220)
Sample #4 =	3.6330	(-0.0400)
Avg % Abs =	3.6213	(-0.0333)
STD DEV =	0.0104	(0.0099)
REL STD DEV =	0.287	(29.597)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 11044, Sum Lo = 14238

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5160	(-0.0120)
Sample #2 =	3.4670	(0.0130)
Sample #3 =	3.4980	(0.0150)
Sample #4 =	3.4880	(0.0070)
Avg % Abs =	3.4843	(0.0117)
STD DEV =	0.0158	(0.0042)
REL STD DEV =	0.454	(35.686)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9730	(-0.0160)
Sample #2 =	6.9260	(0.0060)
Sample #3 =	6.9530	(0.0000)
Sample #4 =	6.9460	(-0.0070)
Avg % Abs =	6.9417	(-0.0003)
STD DEV =	0.0140	(0.0065)
REL STD DEV =	0.202	(1951.922)

Sol Value = 0.300 g/210L ***
 Fit value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 11052, Sum Lo = 14244

<<<< CHANNEL 1 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1670	(-0.0160)
Sample #2 =	5.1240	(0.0090)
Sample #3 =	5.1370	(0.0290)
Sample #4 =	5.1240	(0.0240)
Avg % Abs =	5.1283	(0.0207)
STD DEV =	0.0075	(0.0104)
REL STD DEV =	0.146	(50.363)

<<<< CHANNEL 2 >>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	10.1150	(-0.0020)
Sample #2 =	10.1050	(0.0150)
Sample #3 =	10.0970	(0.0370)
Sample #4 =	10.0940	(0.0220)
Avg % Abs =	10.0987	(0.0247)
STD DEV =	0.0057	(0.0112)
REL STD DEV =	0.056	(45.567)

Optical Calibration #1	
SN:	80-000831
Agency:	Martin CSO
Date:	02/23/2023
Quadratic Fit:	+/- 0.002g/210L
By:	TDG <i>MB</i>

***** AUTO CAL DATA *****
 <<<< CHANNEL 1 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.049
 Std Dev = 0.01 Rel Std Dev = 16.20
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.765
 Std Dev = 0.01 Rel Std Dev = 0.82
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.807
 Std Dev = 0.00 Rel Std Dev = 0.26
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.484
 Std Dev = 0.02 Rel Std Dev = 0.45
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.128
 Std Dev = 0.01 Rel Std Dev = 0.15
 Zero Order Coef = -143.03
 First Order Coef = 2671.06
 Second Order Coef = 28.05
 Standard Deviation = 14.740602

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.090
 Std Dev = 0.01 Rel Std Dev = 13.10
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.522
 Std Dev = 0.01 Rel Std Dev = 0.56
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.621
 Std Dev = 0.01 Rel Std Dev = 0.29
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.942
 Std Dev = 0.01 Rel Std Dev = 0.20
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.099
 Std Dev = 0.01 Rel Std Dev = 0.06
 Zero Order Coef = -115.19
 First Order Coef = 1304.89
 Second Order Coef = 12.00
 Standard Deviation = 4.550354

Solution State Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0003
0.040	0.040	-0.0003
0.100	0.100	-0.0003
0.200	0.200	0.0004

Solution State Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	0.0000
0.040	0.040	0.0000
0.100	0.100	0.0000
0.200	0.200	0.0000

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal) #1	80-000831	Martin CSO	02/23/2023	TDG MG

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L			
0.047 to 0.053	✓		0.077 to 0.083	✓		0.194 to 0.206	✓		0.077 to 0.083	✓	≤0.003 of Wet	✓
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	
Air Blank	0.000	12:15	Air Blank	0.000	12:27	Air Blank	0.000	12:33	Air Blank	0.000	12:43	
Control Test	0.048	12:16	Control Test	0.078	12:28	Control Test	0.195	12:34	Control Test	0.079	12:44	
Air Blank	0.000	12:16	Air Blank	0.000	12:28	Air Blank	0.000	12:34	Air Blank	0.000	12:44	
Control Test	0.048	12:17	Control Test	0.078	12:29	Control Test	0.196	12:35	Control Test	0.080	12:44	
Air Blank	0.000	12:18	Air Blank	0.000	12:29	Air Blank	0.000	12:36	Air Blank	0.000	12:45	
Control Test	0.048	12:18	Control Test	0.078	12:30	Control Test	0.196	12:36	Control Test	0.080	12:45	
Air Blank	0.000	12:19	Air Blank	0.000	12:31	Air Blank	0.000	12:37	Air Blank	0.000	12:46	
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats			
Average	0.0480		Average	0.0780		Average	0.1957		Average	0.0797		
Std Dev	0.0000		Std Dev	0.0000		Std Dev	0.0006		Std Dev	0.0006		
Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.2951		Rel Std Dev(%)	0.7247		
Operator's Signature <i>MG</i>			Operator's Signature <i>MG</i>			Operator's Signature <i>MG</i>			Operator's Signature <i>MG</i>			

DGS

Comments:

MARTIN COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000831
 02/23/2023 12:49:01

Auto Calibration
 Max Power Res Value = 36
 Auto Range Res Value = 18

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 3um Io = 11283, 9um Io = 14387

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1080 (-0.0170)
 Sample #2 = 0.0650 (-0.0030)
 Sample #3 = 0.0730 (0.0060)
 Sample #4 = 0.0760 (0.0330)
 Avg % Abs = 0.0713 (0.0120)
 STD DEV = 0.0057 (0.0187)
 REL STD DEV = 7.971 (156.125)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1170 (-0.0200)
 Sample #2 = 0.1050 (-0.0220)
 Sample #3 = 0.1120 (-0.0180)
 Sample #4 = 0.1110 (-0.0070)
 Avg % Abs = 0.1093 (-0.0157)
 STD DEV = 0.0038 (0.0078)
 REL STD DEV = 3.463 (49.579)

Sol Value = 0.040 g/210L ***
 Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 3um Io = 11276, 9um Io = 14384

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.7450 (-0.0180)
 Sample #2 = 0.7780 (-0.0280)
 Sample #3 = 0.7710 (-0.0180)
 Sample #4 = 0.7730 (-0.0200)
 Avg % Abs = 0.7740 (-0.0220)
 STD DEV = 0.0036 (0.0053)
 REL STD DEV = 0.466 (24.052)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5290 (-0.0210)
 Sample #2 = 1.5280 (-0.0270)
 Sample #3 = 1.5290 (-0.0240)
 Sample #4 = 1.5370 (-0.0290)
 Avg % Abs = 1.5313 (-0.0267)
 STD DEV = 0.0049 (0.0025)
 REL STD DEV = 0.322 (9.437)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 3um Io = 11266, 9um Io = 14378

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.7820 (-0.0310)
 Sample #2 = 1.8140 (-0.0390)
 Sample #3 = 1.8130 (-0.0440)
 Sample #4 = 1.8440 (-0.0600)
 Avg % Abs = 1.8237 (-0.0477)
 STD DEV = 0.0176 (0.0110)
 REL STD DEV = 0.966 (23.013)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6140 (-0.0310)
 Sample #2 = 3.6210 (-0.0190)
 Sample #3 = 3.6150 (-0.0270)
 Sample #4 = 3.6210 (-0.0400)
 Avg % Abs = 3.6190 (-0.0287)
 STD DEV = 0.0035 (0.0106)
 REL STD DEV = 0.096 (36.972)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 3um Io = 11271, 9um Io = 14382

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.4740 (-0.0230)
 Sample #2 = 3.4650 (-0.0140)
 Sample #3 = 3.4750 (-0.0330)
 Sample #4 = 3.4780 (-0.0010)
 Avg % Abs = 3.4727 (-0.0160)
 STD DEV = 0.0068 (0.0161)
 REL STD DEV = 0.196 (100.584)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.9240 (-0.0130)
 Sample #2 = 6.9260 (-0.0080)
 Sample #3 = 6.9050 (-0.0150)
 Sample #4 = 6.9030 (0.0100)
 Avg % Abs = 6.9113 (-0.0043)
 STD DEV = 0.0127 (0.0129)
 REL STD DEV = 0.184 (297.624)

Sol Value = 0.300 g/210L ***
 Fit value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 3um Io = 11277, 9um Io = 14387

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.0950 (-0.0050)
 Sample #2 = 5.1080 (-0.0130)
 Sample #3 = 5.1190 (0.0030)
 Sample #4 = 5.1200 (-0.0130)
 Avg % Abs = 5.1157 (-0.0077)
 STD DEV = 0.0067 (0.0092)
 REL STD DEV = 0.130 (120.491)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.0410 (0.0090)
 Sample #2 = 10.0670 (0.0180)
 Sample #3 = 10.0720 (0.0100)
 Sample #4 = 10.0750 (0.0030)
 Avg % Abs = 10.0713 (0.0103)
 STD DEV = 0.0040 (0.0075)
 REL STD DEV = 0.040 (72.634)

Optical Calibration #2	
SN:	80-000831
Agency:	Martin CSO
Date:	02/23/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG <i>TG</i>

***** AUTO CAL DATA *****
 <<<< CHANNEL 1 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.071
 Std Dev = 0.01 Rel Std Dev = 7.97
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.774
 Std Dev = 0.00 Rel Std Dev = 0.47
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.824
 Std Dev = 0.02 Rel Std Dev = 0.97
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.473
 Std Dev = 0.01 Rel Std Dev = 0.20
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.116
 Std Dev = 0.01 Rel Std Dev = 0.13
 Zero Order Coef = -201.72
 First Order Coef = 2693.84
 Second Order Coef = 27.49
 Standard Deviation = 29.373993

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.109
 Std Dev = 0.00 Rel Std Dev = 3.46
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.531
 Std Dev = 0.00 Rel Std Dev = 0.32
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.619
 Std Dev = 0.00 Rel Std Dev = 0.10
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.911
 Std Dev = 0.01 Rel Std Dev = 0.18
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.071
 Std Dev = 0.00 Rel Std Dev = 0.04
 Zero Order Coef = -145.63
 First Order Coef = 1318.65
 Second Order Coef = 11.38
 Standard Deviation = 9.626100

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	0.0001
0.100	0.101	-0.0008
0.200	0.199	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	0.0003
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 = 3260.00
 Sample #2 = 3252.00
 Sample #3 = 3244.00
 Sample #4 = 3264.00
 Average Result = 3253.3333
 STD DEV = 10.0664
 REL STD DEV = 0.309

***** CHANNEL 2
 Sample #1 = 3501.00
 Sample #2 = 3511.00
 Sample #3 = 3488.00
 Sample #4 = 3474.00
 Average Result = 3491.0000
 STD DEV = 18.6815
 REL STD DEV = 0.535

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1022
 3 um H2O Adjust (mg/l*10,000) = 556
 9 um H2O Adjust (mg/l*10,000) = 318
 **** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal) #2	80-000831	Martin CSO	02/23/2023	TDG MG

0.05g/210L			0.08g/210L			0.20g/210L			DGS 0.08g/210L			
0.047 to 0.053	✓		0.077 to 0.083	✓		0.194 to 0.206	✓		0.077 to 0.083	✓	≤0.003 of Wet	✓
MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000831 02/23/2023 Software: 8100.27			
Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	Test	g/210L	Time	
Air Blank	0.000	13:53	Air Blank	0.000	14:00	Air Blank	0.000	14:07	Air Blank	0.000	14:12	
Control Test	0.049	13:54	Control Test	0.077	14:00	Control Test	0.196	14:07	Control Test	0.079	14:12	
Air Blank	0.000	13:54	Air Blank	0.000	14:01	Air Blank	0.000	14:08	Air Blank	0.000	14:13	
Control Test	0.048	13:55	Control Test	0.078	14:02	Control Test	0.196	14:09	Control Test	0.079	14:13	
Air Blank	0.000	13:56	Air Blank	0.000	14:02	Air Blank	0.000	14:09	Air Blank	0.000	14:13	
Control Test	0.048	13:56	Control Test	0.077	14:03	Control Test	0.196	14:10	Control Test	0.079	14:14	
Air Blank	0.000	13:57	Air Blank	0.000	14:03	Air Blank	0.000	14:10	Air Blank	0.000	14:14	
Control Test Stats			Control Test Stats			Control Test Stats			Control Test Stats			
Average	0.0483		Average	0.0773		Average	0.1960		Average	0.0790		
Std Dev	0.0006		Std Dev	0.0006		Std Dev	0.0000		Std Dev	0.0000		
Rel Std Dev(%)	1.1945		Rel Std Dev(%)	0.7466		Rel Std Dev(%)	0.0000		Rel Std Dev(%)	0.0000		
 Operator's Signature			 Operator's Signature			 Operator's Signature			 Operator's Signature			

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO
Time of Inspection: 13:49

Date of Inspection: 03/01/2023

Serial Number: 80-000831
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG223802 Exp: 08/26/2024
0.000	0.049	0.077	0.197	0.079
0.000	0.049	0.078	0.197	0.078
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.078	0.198	0.078
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.078	0.199	0.078
0.000	0.049	0.078	0.198	0.079
0.000	0.049	0.077	0.198	0.079

Standard Deviations	0.0000	0.0004	0.0007	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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.



TAYLOR D GUTSCHOW

Signature and Printed Name

03/01/2023
Date



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 80-000831 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000831</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/01/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:49</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).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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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03/01/2023

Date

TAYLOR D GUTSCHOW,
Department Inspector

Return Material Authorization

Ship to: CMI, Inc.
 Enforcement Electronics

Shipment to repair facility authorized by: Chris Thomas on 3/3/2023

Items Returned: Instrument Supplies Other Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-000831

Bill To Address:
Martin County Sheriff's Office
Attn: Chris Thomas

Ship to Address:
Florida Department of Law Enforcement
Attn: Alcohol Testing Program
4700 Terminal Drive, Suite 1
Fort Myers, FL 33907

Reason for Return:
The flow sensor's r-value is low.

Please choose one of the following options:

1. I _____, authorize all repairs.

2. I _____, authorize repairs up to \$_____.

3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

 Please contact: Name: Chris Thomas
 Phone #: 1-772-475-8969 Email: clthomas@mcsofl.org

ATP Contact Name: Taylor Gutschow ATP Email: TaylorGutschow@fdle.state.fl.us