



INSTRUMENT PROCESSING SHEET

Agency Collier CSOS/N 80-001651Florida Department of
Law EnforcementDate In 06/04/2024 DI Completion Date 06/06/2024☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake By TDG _____ Date <u>06/04/2024</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 By TDG _____ Date <u>06/04/2024</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>218</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.222*</u> (.228 - .278) 103 mm <u>0.476</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>26932</u> ☒ Stability Checks <table border="1" style="width:100%"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP6286</td><td>202303K 03/29/2025</td></tr><tr><td>0.080</td><td>MP6287</td><td>202303L 03/29/2025</td></tr><tr><td>0.200</td><td>MP6288</td><td>202304C 04/05/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG222203 08/10/2024</td></tr></tbody></table>	Simulator	Serial #	Lot #/Exp	0.050	MP6286	202303K 03/29/2025	0.080	MP6287	202303L 03/29/2025	0.200	MP6288	202304C 04/05/2025	0.080 DGS	N/A	AG222203 08/10/2024	Flow Calibration By TDG _____ Date <u>06/04/2024</u> Flow Column # <u>ATP106</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>222</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) Maintenance By _____ Date _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ _____ _____ _____ _____ _____																																	
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Calibration Adjustment By TDG _____ Barometric Pressure Gauge <u>1012</u> ID # <u>28199</u> <table border="1" style="width:100%"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.000</td><td>MP5097</td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td>MP5098</td><td>23400</td><td>10/24/2025</td></tr><tr><td>0.100</td><td>MP5099</td><td>23390</td><td>10/17/2025</td></tr><tr><td>0.200</td><td>MP5100</td><td>23340</td><td>09/18/2025</td></tr><tr><td>0.300</td><td>MP5101</td><td>23070</td><td>03/06/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>06723080A5</td><td>04/05/2025</td></tr></tbody></table> ☒ Post Calibration Adjustment Stability Checks <table border="1" style="width:100%"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.050</td><td>MP6286</td><td>202303K</td><td>03/29/2025</td></tr><tr><td>0.080</td><td>MP6287</td><td>202303L</td><td>03/29/2025</td></tr><tr><td>0.200</td><td>MP6288</td><td>202304C</td><td>04/05/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG222203</td><td>08/10/2024</td></tr></tbody></table> Notes/Suggested Service: _____ _____ _____ _____ _____ _____ _____ _____ _____			Simulator	Serial #	Lot #	Expiration	0.000	MP5097	N/A	N/A	0.040	MP5098	23400	10/24/2025	0.100	MP5099	23390	10/17/2025	0.200	MP5100	23340	09/18/2025	0.300	MP5101	23070	03/06/2025	0.080 DGS	N/A	06723080A5	04/05/2025	Simulator	Serial #	Lot #	Expiration	0.050	MP6286	202303K	03/29/2025	0.080	MP6287	202303L	03/29/2025	0.200	MP6288	202304C	04/05/2025	0.080 DGS	N/A	AG222203	08/10/2024
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Department Inspection By TDG _____ Barometric Pressure ID# <u>26932</u> Gauge <u>1011</u> Instrument <u>1012</u> Mouth Alcohol Solution Lot # <u>2023-A</u> Acetone Stock Solution Lot # <u>2023-B</u> <table border="1" style="width:100%"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP6284</td></tr><tr><td>Interferent</td><td>MP6285</td></tr><tr><td>0.050</td><td>MP6286</td></tr><tr><td>0.080</td><td>MP6287</td></tr><tr><td>0.200</td><td>MP6288</td></tr></tbody></table> Attachments <table border="1" style="width:100%"><tbody><tr><td>☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment</td><td>☒ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____</td></tr></tbody></table> ☒ 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 <table border="1" style="width:100%"><tbody><tr><td>Phil Nicodemo Tech Review / Date</td><td>Shayla Platt Digitally signed by Shayla Platt Date: 2024.06.13 12:14:40 -04'00' Admin Review / Date</td></tr></tbody></table>			Simulator	Serial Number	0.000	MP6284	Interferent	MP6285	0.050	MP6286	0.080	MP6287	0.200	MP6288	☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment	☒ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other _____	Phil Nicodemo Tech Review / Date	Shayla Platt Digitally signed by Shayla Platt Date: 2024.06.13 12:14:40 -04'00' Admin Review / Date																																
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Flow Calibration Adjustment(s)

Performed by TDG

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001651
06/04/2024
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.926

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.746

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.281

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 671

Rounded Intercept = -621128

Correlation = 0.99738

Stability Checks

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083 ☒ ≤0.003 of Wet ☒																																																																																																																																																
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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 0.0001
0.100 0.101 -0.0010
0.200 0.199 0.0010
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 = 3086.00
Sample #2 = 3174.00
Sample #3 = 3128.00
Sample #4 = 3230.00
Average Result = 3177.3333
STD DEV = 51.3815
REL STD DEV = 1.608

***** CHANNEL 2 *****
Sample #1 = 3234.00
Sample #2 = 3252.00
Sample #3 = 3240.00
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Average Result = 3262.3333
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Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 632
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Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3086.00
Sample #2 = 3174.00
Sample #3 = 3128.00
Sample #4 = 3230.00
Average Result = 3177.3333
STD DEV = 51.3815
REL STD DEV = 1.608

***** CHANNEL 2 *****
Sample #1 = 3234.00
Sample #2 = 3252.00
Sample #3 = 3240.00
Sample #4 = 3295.00
Average Result = 3262.3333
STD DEV = 28.9194
REL STD DEV = 0.886

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 632
9 um H2O Adjust (mg/l*10,000) = 547
***** AUTO CAL PASS *****

***** AUTO CAL DATA *****
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 0.0001
0.100 0.101 -0.0010
0.200 0.199 0.0010
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 = 3086.00
Sample #2 = 3174.00
Sample #3 = 3128.00
Sample #4 = 3230.00
Average Result = 3177.3333
STD DEV = 51.3815
REL STD DEV = 1.608

***** CHANNEL 2 *****
Sample #1 = 3234.00
Sample #2 = 3252.00
Sample #3 = 3240.00
Sample #4 = 3295.00
Average Result = 3262.3333
STD DEV = 28.9194
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Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 632
9 um H2O Adjust (mg/l*10,000) = 547
***** AUTO CAL PASS *****

Optical Calibration
Adjustment
By: TDG

Post-Cal Stability Checks

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			0.003 of Wet
✓			✓
COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/06/2024 Software: 8100.27 SN 80-001651 Test g/210L Time Air Blank 0.000 11:11 Control Test 0.050 11:12 Air Blank 0.000 11:12 Control Test 0.050 11:13 Air Blank 0.000 11:14 Control Test 0.050 11:14 Air Blank 0.000 11:15 Control Test Stats Average 0.0500 Std Dev 0.0000 Rel Std Dev(%) 0.0000	COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/06/2024 Software: 8100.27 SN 80-001651 Test g/210L Time Air Blank 0.000 11:05 Control Test 0.079 11:05 Air Blank 0.000 11:06 Control Test 0.079 11:07 Air Blank 0.000 11:07 Control Test 0.079 11:08 Air Blank 0.000 11:08 Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000	COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/06/2024 Software: 8100.27 SN 80-001651 Test g/210L Time Air Blank 0.000 10:58 Control Test 0.200 10:58 Air Blank 0.000 10:59 Control Test 0.197 11:00 Air Blank 0.000 11:00 Control Test 0.198 11:01 Air Blank 0.000 11:01 Control Test Stats Average 0.1983 Std Dev 0.0015 Rel Std Dev(%) 0.7702	COLLIER COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 06/06/2024 Software: 8100.27 SN 80-001651 Test g/210L Time Air Blank 0.000 10:43 Control Test 0.081 10:43 Air Blank 0.000 10:44 Control Test 0.081 10:44 Air Blank 0.000 10:44 Control Test 0.080 10:45 Air Blank 0.000 10:45 Control Test Stats Average 0.0807 Std Dev 0.0006 Rel Std Dev(%) 0.7157
Operator's Signature <i>M</i>	Operator's Signature <i>M</i>	Operator's Signature <i>M</i>	Operator's Signature <i>M</i>

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO
Time of Inspection: 13:34

Date of Inspection: 06/06/2024

Serial Number: 80-001651
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test* (g/210L) Lot#:AG222203 Exp: 08/10/2024
0.000	0.050	0.079	0.199	0.078
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.199	0.079
0.000	0.050	0.079	0.198	0.079
0.000	0.050	0.080	0.199	0.080
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.080	0.198	0.079
0.000	0.050	0.079	0.198	0.080
0.000	0.050	0.079	0.198	0.080

Standard Deviations	0.0000	0.0004	0.0005	0.0006
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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

06/06/2024
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 80-001651, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001651</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>COLLIER COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>06/06/2024</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>13:34</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

06/06/2024

Date

TAYLOR D GUTSCHOW,

Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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