



INSTRUMENT PROCESSING SHEET

Agency FL Highway PatrolS/N 80-006764Florida Department of
Law EnforcementDate In 11-28-2023 DI Completion Date 12/4/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By <u>ALL</u>	Quality Checks	By <u>BS</u>	Date <u>12/4/2023</u>	Flow Calibration	By _____	Date _____																																													
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>199</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.171</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</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)																																															
		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP5088</td><td>202303K 3/29/2025</td></tr><tr><td>0.080</td><td>MP5089</td><td>202303L 3/29/2025</td></tr><tr><td>0.200</td><td>MP5090</td><td>202304C 4/5/2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG325603 9/13/2025</td></tr></tbody></table>			Simulator	Serial #	Lot #/Exp	0.050	MP5088	202303K 3/29/2025	0.080	MP5089	202303L 3/29/2025	0.200	MP5090	202304C 4/5/2025	0.080 DGS	N/A	AG325603 9/13/2025	<table border="1"><thead><tr><th colspan="2">Maintenance</th><th>By _____</th></tr></thead><tbody><tr><td>☐ Battery Replacement</td><td colspan="2"></td></tr><tr><td>☐ Dry Gas Regulator Replacement</td><td colspan="2"></td></tr><tr><td>☐ Breath Tube Replacement</td><td colspan="2"></td></tr><tr><td>☐ Other _____</td><td colspan="2"></td></tr><tr><td>_____</td><td colspan="2"></td></tr><tr><td>_____</td><td colspan="2"></td></tr><tr><td>_____</td><td colspan="2"></td></tr><tr><td>_____</td><td colspan="2"></td></tr><tr><td>_____</td><td colspan="2"></td></tr></tbody></table>			Maintenance		By _____	☐ Battery Replacement			☐ Dry Gas Regulator Replacement			☐ Breath Tube Replacement			☐ Other _____			_____			_____			_____			_____			_____		
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Calibration Adjustment		By _____		Department Inspection			By <u>BS</u>																																													
Barometric Pressure Gauge _____ ID # _____				Barometric Pressure ID# <u>28427</u>																																																
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Notes/Suggested Service: <u>Stability check of 0.200 lost power to simulator, which cooled and lowered concentration. Reconnected simulator, allowed it to warm up, and repeated stability check. (BS 12/4/2023)</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																																																
				Israel Soto Digitally signed by Israel Soto Date: 2023.12.11 08:16:55 -05'00' Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.12.12 15:45:59 -05'00'																																																
				Tech Review / Date _____ Admin Review / Date _____																																																

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL

Time of Inspection: 09:26

Date of Inspection: 12/04/2023

Serial Number: 80-006764

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:

COMPLIANCE NOT DETERMINED, BYPASS AI TO OPERATE

N/A, compliance not determined

The above instrument ~~complies (X) 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.

Benjamin Siddoway

BENJAMIN W SIDDOWAY

Signature and Printed Name

12/04/2023

Date

Stability Checks

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
12/04/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:31
Control Test	0.049	10:32
Air Blank	0.000	10:32
Control Test	0.049	10:33
Air Blank	0.000	10:34
Control Test	0.049	10:34
Air Blank	0.000	10:35
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
12/04/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:36
Control Test	0.079	10:36
Air Blank	0.000	10:37
Control Test	0.079	10:38
Air Blank	0.000	10:38
Control Test	0.078	10:39
Air Blank	0.000	10:39
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
12/04/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:41
Control Test	0.196	10:42
Air Blank	0.000	10:42
Control Test	0.194	10:43
Air Blank	0.000	10:43
Control Test	0.193	10:44
Air Blank	0.000	10:45
Control Test Stats		
Average	0.1943	
Std Dev	0.0015	
Rel Std Dev(%)	0.7860	


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
12/04/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:23
Control Test	0.079	12:23
Air Blank	0.000	12:24
Control Test	0.079	12:24
Air Blank	0.000	12:25
Control Test	0.079	12:25
Air Blank	0.000	12:26
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS


Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
12/04/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:27
Control Test	0.198	12:27
Air Blank	0.000	12:28
Control Test	0.199	12:29
Air Blank	0.000	12:29
Control Test	0.198	12:30
Air Blank	0.000	12:30
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	


Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 15:00

Date of Inspection: 12/04/2023

Serial Number: 80-006764
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#:AG325603 Exp: 09/13/2025
0.000	0.049	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.079	0.199	0.077

Standard Deviations	0.0000	0.0003	0.0008	0.0006
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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:

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.

Benjamin Siddoway

BENJAMIN W SIDDOWAY

Signature and Printed Name

12/04/2023

Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006764 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006764</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/04/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:00</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.

Digitally signed by
Benjamin Siddoway
Date: 2023.12.07 14:29:19
-05'00'

Benjamin
Siddoway

12/04/2023

Date

BENJAMIN W SIDDOWAY,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality



Agency Florida Highway Patrol Troop G

S/N 80-006764

Date In 08/02/23DI Completion Date 08-08-2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By <u>ALL</u>	Quality Checks	By <u>BS</u>	Date <u>8/4/2023</u>	Flow Calibration	By _____	Date _____																																		
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>193</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.183</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.503</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)	<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td rowspan="2">0.050</td> <td rowspan="2">MP5088</td> <td>202303K</td> </tr> <tr> <td>3/29/2025</td> </tr> <tr> <td rowspan="2">0.080</td> <td rowspan="2">MP5089</td> <td>202303L</td> </tr> <tr> <td>3/29/2025</td> </tr> <tr> <td rowspan="2">0.200</td> <td rowspan="2">MP5090</td> <td>202304C</td> </tr> <tr> <td>4/5/2025</td> </tr> <tr> <td rowspan="2">0.080 DGS</td> <td rowspan="2">N/A</td> <td>06723080A5</td> </tr> <tr> <td>4/5/2025</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP5088	202303K	3/29/2025	0.080	MP5089	202303L	3/29/2025	0.200	MP5090	202304C	4/5/2025	0.080 DGS	N/A	06723080A5	4/5/2025	<table border="1"> <thead> <tr> <th>Maintenance</th> <th>By _____</th> </tr> </thead> <tbody> <tr> <td>☐ Battery Replacement</td> <td></td> </tr> <tr> <td>☐ Dry Gas Regulator Replacement</td> <td></td> </tr> <tr> <td>☐ Breath Tube Replacement</td> <td></td> </tr> <tr> <td>☐ Other _____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> <tr> <td>_____</td> <td></td> </tr> </tbody> </table>	Maintenance	By _____	☐ Battery Replacement		☐ Dry Gas Regulator Replacement		☐ Breath Tube Replacement		☐ Other _____		_____		_____		_____		_____	
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☐ Breath Tube Replacement																																									
☐ Other _____																																									

Calibration Adjustment				By _____	
Barometric Pressure Gauge _____				ID # _____	
Simulator	Serial #	Lot #	Expiration		
0.000		N/A	N/A		
0.040					
0.100					
0.200					
0.300					
0.080 DGS	N/A				
☐ Post Calibration Adjustment Stability Checks					
Simulator	Serial #	Lot #	Expiration		
0.050					
0.080					
0.200					
0.080 DGS	N/A				
Notes/Suggested Service: <u>Quality checks began 8/4/2023, stability checks 8/7/2023. BS</u> _____ _____ _____ _____ _____ _____					

Department Inspection		By <u>IS</u>	
Barometric Pressure ID# <u>30793</u>			
Gauge <u>1014</u>	Instrument <u>1011</u>		
Mouth Alcohol Solution Lot # <u>2023-A</u>			
Acetone Stock Solution Lot # <u>2022-B</u>			
Simulator	Serial Number		
0.000	MP6289		
Interferent	MP6290		
0.050	MP6291		
0.080	MP6292		
0.200	MP6293		
Attachments			
☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☐ Calibration Adjustment		☐ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____	
☒ 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			
Taylor Gutschow	Digitally signed by Taylor Gutschow Date: 2023.08.09 09:21:35 -04'00'	Phil Nicodemo	Digitally signed by Phil Nicodemo Date: 2023.08.10 12:04:09 -04'00'
Tech Review / Date _____		Admin Review / Date _____	

Stability Checks

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:31
Control Test	0.049	08:31
Air Blank	0.000	08:32
Control Test	0.049	08:32
Air Blank	0.000	08:33
Control Test	0.048	08:34
Air Blank	0.000	08:34
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	


Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:43
Control Test	0.078	08:44
Air Blank	0.000	08:45
Control Test	0.078	08:45
Air Blank	0.000	08:46
Control Test	0.078	08:46
Air Blank	0.000	08:47
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	


Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:49
Control Test	0.198	08:50
Air Blank	0.000	08:50
Control Test	0.197	08:51
Air Blank	0.000	08:52
Control Test	0.198	08:52
Air Blank	0.000	08:53
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	


Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/07/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:57
Control Test	0.078	08:57
Air Blank	0.000	08:58
Control Test	0.078	08:58
Air Blank	0.000	08:59
Control Test	0.078	08:59
Air Blank	0.000	08:59
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS


Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP G
Time of Inspection: 10:16

Date of Inspection: 08/08/2023

Serial Number: 80-006764
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#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:06723080A5 Exp: 04/05/2025
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.081	0.202	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.078
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.202	0.079

Standard Deviations	0.0000	0.0003	0.0004	0.0004
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name.

08/08/2023
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006764 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006764</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP G</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/08/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:16</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.

Israel Soto
Soto
Date: 2023.08.08 12:31:07
-04'00'

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-006764Florida Department of
Law EnforcementDate In 05-05-2023 DI Completion Date _____☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>05-05-2023</u>	Flow Calibration	By	Date																																						
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>202</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.488</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28662</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)																																								
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Notes/Suggested Service: <u>Instrument produced multiple Ambient Fails during Stability Checks. Attempted Optical Bench Calibration Adjustment, instrument had Ambient Fail and Purge Fail during Dry Gas test and was unable to complete the adjustment. Sending instrument to repair. Compliance with 11D-8 not determined. IS</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																																											
		Tech Review / Date _____ Admin Review / Date _____																																											

Stability checks

Pg. 1

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	AMB*	09:21
Air Blank	0.000	09:21

*Ambient Fail

0.05

Cleared area and
repeated

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:31
Control Test	0.049	09:31
Air Blank	AMB*	09:32
Air Blank	0.000	09:32

*Ambient Fail

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	AMB*	09:33
Air Blank	0.000	09:33

*Ambient Fail

0.080 wet

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:35
Control Test	0.197	09:36
Air Blank	0.000	09:37
Control Test	0.198	09:37
Air Blank	0.000	09:38
Control Test	0.197	09:38
Air Blank	0.000	09:39
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.000	09:43
Air Blank	0.000	09:43
Control Test	0.000	09:43
Air Blank	0.000	09:44
Control Test	0.000	09:44
Air Blank	0.000	09:45
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

0.080
Dry
checked tank
and hose, repeated

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.000	09:46
Air Blank	0.000	09:46
Control Test	0.000	09:47
Air Blank	0.000	09:47
Control Test	0.000	09:48
Air Blank	0.000	09:48
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

0.080 Dry
Regulator power
cord was not
connected to instrum.
Repeated after
connecting

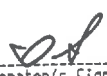
Operator's Signature

Stability checks Pg. 2

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/05/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.080	09:51
Air Blank	0.000	09:51
Control Test	0.079	09:52
Air Blank	0.000	09:52
Control Test	0.080	09:52
Air Blank	0.000	09:53
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

0.080 Dry



Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/08/2023 12:03:47

Optical Bench
Calibration Adjustment

Auto Calibration

pg 1 of 2

<<<<< 3um >>>>> <<<<< 9um >>>>>

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.6570	(-0.3550)	0.1350	(-0.0070)
Sample #2	-1.6110	(0.0940)	0.1250	(0.0140)
Sample #3	-1.3360	(2.3680)	0.1430	(0.0270)
Sample #4	-0.6750	(0.3600)	0.1200	(0.0520)
Avg % Abs	-1.2073	(0.9407)	0.1293	(0.0310)
STD DEV	0.4811	(1.2432)	0.0121	(0.0193)
REL STD DEV	39.847	(132.166)	9.353	(62.301)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7550	(-0.0070)	1.4920	(-0.0140)
Sample #2	0.7210	(0.0350)	1.4710	(0.0000)
Sample #3	0.7600	(0.0460)	1.4810	(0.0130)
Sample #4	0.7600	(0.0700)	1.4850	(0.0170)
Avg % Abs	0.7470	(0.0503)	1.4790	(0.0100)
STD DEV	0.0225	(0.0179)	0.0072	(0.0089)
REL STD DEV	3.014	(35.559)	0.488	(88.882)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8050	(-0.0090)	3.4650	(-0.0030)
Sample #2	1.7620	(0.0340)	3.4440	(0.0100)
Sample #3	1.8000	(0.0280)	3.4540	(0.0230)
Sample #4	1.7580	(0.0620)	3.4290	(0.0380)
Avg % Abs	1.7733	(0.0413)	3.4423	(0.0237)
STD DEV	0.0232	(0.0181)	0.0126	(0.0140)
REL STD DEV	1.307	(43.905)	0.366	(59.205)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.4260	(-0.0120)	6.5400	(0.0000)
Sample #2	3.4520	(-0.0060)	6.5450	(0.0110)
Sample #3	3.4520	(0.0100)	6.5520	(0.0120)
Sample #4	3.4120	(0.0340)	6.5230	(0.0410)
Avg % Abs	3.4387	(0.0127)	6.5400	(0.0213)
STD DEV	0.0231	(0.0201)	0.0151	(0.0170)
REL STD DEV	0.672	(158.944)	0.231	(79.871)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0720	(0.0010)	9.5380	(-0.0150)
Sample #2	5.0750	(0.0140)	9.5110	(0.0060)
Sample #3	5.0570	(0.0320)	9.4920	(0.0150)
Sample #4	5.0310	(0.0420)	9.4880	(0.0190)
Avg % Abs	5.0543	(0.0293)	9.4970	(0.0133)
STD DEV	0.0221	(0.0142)	0.0123	(0.0067)
REL STD DEV	0.438	(48.372)	0.129	(49.937)

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
05/08/2023 12:03:47

Optical Bench
Calibration Adjustment
✓

pg 2 of 2

Auto Calibration

<<<<< 3um >>>>>

Zero Order Coef -74.34
First Order Coef 2684.43
Second Order Coef 29.71

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	-0.069	0.0687
0.040	0.041	-0.0009
0.100	0.100	-0.0004
0.200	0.200	0.0003
0.300	0.299	0.0007

<<<<< 9um >>>>>

-151.16
1376.63
14.36

Act (g/210L)	Fit (g/210L)	Residual (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

<<<<< 3um >>>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 3562.00 3334.00
Sample #2 0.00 0.00
Sample #3 0.00 0.00
Sample #4 0.00 0.00
Avg 0.0000 0.0000
STD DEV 0.0000 0.0000
REL STD DEV 0.000 0.000
H2O adjust (mg/l*10k) 378 518

Barometric Pressure = 0

*****CALIBRATION FAILED*****

Return Material Authorization

Ship to: ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Joseph Farley on 05-09-2023

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006764

Bill To Address:

Florida Highway Patrol

Ship to Address:

Florida Department of Law Enforcement

Alcohol Testing Program

813 B Lake Bradford Road

Tallahassee, FL 32304

Reason for Return:

Instrument is producing Ambient Fail and Purge Fail, unable to successfully complete an
Optical Bench Calibration Adjustment due to Ambient and Purge Fail.

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: Joseph Farley

Phone #: (904) 860-6050 Email: josephfarley@flhsmv.gov

ATP Contact Name: Israel Soto ATP Email: israelsoto@fdle.state.fl.us



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-006764Florida Department of
Law EnforcementDate In 03-10-2023 DI Completion Date 03-24-2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>03-13-2023</u>	Flow Calibration	By	Date																												
☒ 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: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>202</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.160</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</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)																														
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Calibration Adjustment		By PN		Department Inspection			By IS																												
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<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.000</td><td>MP5091</td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td>MP5082</td><td>21410</td><td>9/30/2023</td></tr><tr><td>0.100</td><td>MP5083</td><td>22310</td><td>8/11/2024</td></tr><tr><td>0.200</td><td>MP5084</td><td>22050</td><td>2/7/2024</td></tr><tr><td>0.300</td><td>MP5085</td><td>22220</td><td>6/15/2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>08121080A1</td><td>5/5/2023</td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.000	MP5091	N/A	N/A	0.040	MP5082	21410	9/30/2023	0.100	MP5083	22310	8/11/2024	0.200	MP5084	22050	2/7/2024	0.300	MP5085	22220	6/15/2024	0.080 DGS	N/A	08121080A1	5/5/2023			Gauge <u>1016</u> Instrument <u>1015</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u>			
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☒ Post Calibration Adjustment Stability Checks				<table border="1"><thead><tr><th>Simulator</th><th>Serial Number</th></tr></thead><tbody><tr><td>0.000</td><td>MP6289</td></tr><tr><td>Interferent</td><td>MP6290</td></tr><tr><td>0.050</td><td>MP6291</td></tr><tr><td>0.080</td><td>MP6292</td></tr><tr><td>0.200</td><td>MP6293</td></tr></tbody></table>			Simulator	Serial Number	0.000	MP6289	Interferent	MP6290	0.050	MP6291	0.080	MP6292	0.200	MP6293			Attachments														
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Simulator	Serial #	Lot #	Expiration																																
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Notes/Suggested Service: <u>Dry 0.080 g/210L Stability</u> <u>Check results outside nominal range. Optical Bench</u> <u>Calibration Adjustment performed. IS</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																															
				Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2023.04.04 12:20:07 -04'00'			<u>11</u> 10:15:32 04/09/23																												
				Tech Review / Date			Admin Review / Date																												

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP G
Time of Inspection: 13:39

Date of Inspection: 03/24/2023

Serial Number: 80-006764
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#:AG229803 Exp: 10/25/2024
0.000	0.048	0.077	0.197	0.079
0.000	0.047	0.077	0.198	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.048	0.077	0.197	0.079
0.000	0.048	0.076	0.197	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.047	0.077	0.197	0.079
0.000	0.047	0.077	0.197	0.079

Standard Deviations	0.0004	0.0003	0.0003	0.0000
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 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.

Israel Soto ISRAEL SOTO
Signature and Printed Name

03/24/2023
Date

Stability Checks

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:29
Control Test	0.049	09:30
Air Blank	0.000	09:30
Control Test	0.048	09:31
Air Blank	0.000	09:32
Control Test	0.048	09:32
Air Blank	0.000	09:33
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:34
Control Test	0.078	09:35
Air Blank	0.000	09:35
Control Test	0.078	09:36
Air Blank	0.000	09:36
Control Test	0.078	09:37
Air Blank	0.000	09:38
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.199	09:39
Air Blank	0.000	09:40
Control Test	0.200	09:40
Air Blank	0.000	09:41
Control Test	0.200	09:42
Air Blank	0.000	09:42
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

wet

Operator's Signature

Operator's Signature

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.077	09:44
Air Blank	0.000	09:44
Control Test	0.076	09:45
Air Blank	0.000	09:45
Control Test	0.077	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

Dry

Operator's Signature



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006764, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006764</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP G</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/24/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:39</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.

Israel Soto
Soto
Date: 2023.03.24 13:48:16
-04'00'

03/24/2023

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023 08:36:48

Optical Bench Calibration
ADJUSTMENT.



Auto Calibration

pg 1 of 2

<<<< 3um >>>> <<<< 9um >>>>

Solution = 0.000 g/210L or 0.0000 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.0490	(-0.0190)	0.1380	(-0.0140)
Sample #2	0.0440	(0.0020)	0.1120	(0.0000)
Sample #3	0.0400	(0.0210)	0.1290	(-0.0070)
Sample #4	0.0310	(0.0460)	0.1240	(-0.0020)
Avg % Abs	0.0383	(0.0230)	0.1217	(-0.0030)
STD DEV	0.0067	(0.0221)	0.0087	(0.0036)
REL STD DEV	17.370	(95.948)	7.181	(120.185)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7110	(-0.0220)	1.4670	(0.0070)
Sample #2	0.7470	(-0.0270)	1.4660	(0.0000)
Sample #3	0.6950	(-0.0040)	1.4540	(0.0040)
Sample #4	0.7100	(-0.0080)	1.4470	(0.0040)
Avg % Abs	0.7173	(-0.0130)	1.4557	(0.0027)
STD DEV	0.0268	(0.0123)	0.0096	(0.0023)
REL STD DEV	3.731	(94.525)	0.660	(86.603)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7300	(-0.0020)	3.4160	(-0.0070)
Sample #2	1.7710	(-0.0200)	3.4440	(-0.0270)
Sample #3	1.7720	(-0.0210)	3.4460	(-0.0140)
Sample #4	1.7510	(0.0000)	3.4330	(-0.0010)
Avg % Abs	1.7647	(-0.0137)	3.4410	(-0.0140)
STD DEV	0.0118	(0.0118)	0.0070	(0.0130)
REL STD DEV	0.671	(86.680)	0.203	(92.857)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.4250	(0.0000)	6.5930	(-0.0070)
Sample #2	3.4350	(0.0060)	6.5840	(-0.0020)
Sample #3	3.4640	(-0.0080)	6.5950	(-0.0060)
Sample #4	3.4620	(-0.0130)	6.5860	(-0.0040)
Avg % Abs	3.4537	(-0.0050)	6.5883	(-0.0040)
STD DEV	0.0162	(0.0098)	0.0059	(0.0020)
REL STD DEV	0.469	(196.977)	0.089	(50.000)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.0370	(0.0000)	9.5380	(-0.0020)
Sample #2	5.0370	(-0.0050)	9.5240	(0.0070)
Sample #3	5.0780	(-0.0170)	9.5390	(0.0070)
Sample #4	5.0700	(-0.0050)	9.5360	(0.0120)
Avg % Abs	5.0617	(-0.0090)	9.5330	(0.0087)
STD DEV	0.0217	(0.0069)	0.0079	(0.0029)
REL STD DEV	0.429	(76.980)	0.083	(33.309)

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023 08:36:48

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -74.34
First Order Coef 2684.43
Second Order Coef 29.71

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.001	-0.0006
0.040	0.039	0.0008
0.100	0.100	0.0001
0.200	0.201	-0.0006
0.300	0.300	0.0002

<<<< 9um >>>>

-151.16
1376.63
14.36

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003
0.040	0.040	0.0005
0.100	0.100	0.0001
0.200	0.200	-0.0004
0.300	0.300	0.0002

<<<< 3um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample

Sample #1	3476.00	3276.00
Sample #2	3428.00	3283.00
Sample #3	3423.00	3296.00
Sample #4	3444.00	3295.00
Avg	3431.6667	3291.3333
STD DEV	10.9697	7.2342
REL STD DEV	0.320	0.220
H2O adjust (mg/l*10k)	378	518

Barometric Pressure = 1015

*****CALIBRATION SUCCESSFUL*****

Post calibration Adjustment STABILITY CHECKS.

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023
Software: 8100.27

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



Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:21
Control Test	0.078	10:22
Air Blank	0.000	10:22
Control Test	0.078	10:23
Air Blank	0.000	10:24
Control Test	0.078	10:24
Air Blank	0.000	10:25
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:26
Control Test	0.198	10:27
Air Blank	0.000	10:27
Control Test	0.198	10:28
Air Blank	0.000	10:29
Control Test	0.198	10:29
Air Blank	0.000	10:30
Control Test Stats		
Average	0.1980	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:31
Control Test	0.080	10:31
Air Blank	0.000	10:32
Control Test	0.079	10:32
Air Blank	0.000	10:33
Control Test	0.079	10:33
Air Blank	0.000	10:34
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

D65

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:07
Control Test	0.049	10:07
Air Blank	0.000	10:08
Control Test	0.049	10:09
Air Blank	0.000	10:09
Control Test	0.049	10:10
Air Blank	0.000	10:10
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



Operator's Signature

Accidental Repeat of 0.05 g/210L post-stability
check occurred; All values/measurements were nominal.



3/24/2023