



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-000887Florida Department of
Law EnforcementDate In 04-10-2023 DI Completion Date 04-11-2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>04-11-2023</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: Agency Inspector indicated instrument had Control Outside Tolerance on dry gas standard.		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>117</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-102</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.171</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.503</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)																																
		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td>MP6291</td><td>202201C 01-11-2024</td></tr><tr><td>0.080</td><td>MP6292</td><td>202201D 01-18-2024</td></tr><tr><td>0.200</td><td>MP6293</td><td>202201E 01-18-2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG229803 10-25-2024</td></tr></tbody></table>			Simulator	Serial #	Lot #/Exp	0.050	MP6291	202201C 01-11-2024	0.080	MP6292	202201D 01-18-2024	0.200	MP6293	202201E 01-18-2024	0.080 DGS	N/A	AG229803 10-25-2024	<table border="1"><thead><tr><th colspan="2">Maintenance</th><th>By</th></tr></thead><tbody><tr><td>☐ Battery Replacement</td><td></td><td></td></tr><tr><td>☐ Dry Gas Regulator Replacement</td><td></td><td></td></tr><tr><td>☐ Breath Tube Replacement</td><td></td><td></td></tr><tr><td>☐ Other _____</td><td></td><td></td></tr></tbody></table>			Maintenance		By	☐ Battery Replacement			☐ Dry Gas Regulator Replacement			☐ Breath Tube Replacement			☐ Other _____		
Simulator	Serial #	Lot #/Exp																																			
0.050	MP6291	202201C 01-11-2024																																			
0.080	MP6292	202201D 01-18-2024																																			
0.200	MP6293	202201E 01-18-2024																																			
0.080 DGS	N/A	AG229803 10-25-2024																																			
Maintenance		By																																			
☐ Battery Replacement																																					
☐ Dry Gas Regulator Replacement																																					
☐ Breath Tube Replacement																																					
☐ Other _____																																					
Calibration Adjustment		Department Inspection																																			
Barometric Pressure Gauge _____ ID # _____		Barometric Pressure ID# <u>30793</u>																																			
<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></td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td></td><td></td><td></td></tr><tr><td>0.100</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.300</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Gauge <u>1022</u> Instrument <u>1021</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u>							
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		<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																					
Simulator	Serial Number																																				
0.000	MP6289																																				
Interferent	MP6290																																				
0.050	MP6291																																				
0.080	MP6292																																				
0.200	MP6293																																				
<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.050</td><td></td><td></td><td></td></tr><tr><td>0.080</td><td></td><td></td><td></td></tr><tr><td>0.200</td><td></td><td></td><td></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td></td><td></td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			<table border="1"><thead><tr><th colspan="2">Attachments</th></tr></thead><tbody><tr><td>☒ Form 41</td><td>☐ Post-Stability Checks</td></tr><tr><td>☒ Stability Checks</td><td>☐ Flow Calibration</td></tr><tr><td>☒ Calibration Certificate</td><td>☐ Form 40</td></tr><tr><td>☐ Calibration Adjustment</td><td>☒ Other <u>Extra Stability Tests</u></td></tr></tbody></table>			Attachments		☒ Form 41	☐ Post-Stability Checks	☒ Stability Checks	☐ Flow Calibration	☒ Calibration Certificate	☐ Form 40	☐ Calibration Adjustment	☒ Other <u>Extra Stability Tests</u>			
Simulator	Serial #	Lot #	Expiration																																		
0.050																																					
0.080																																					
0.200																																					
0.080 DGS	N/A																																				
Attachments																																					
☒ Form 41	☐ Post-Stability Checks																																				
☒ Stability Checks	☐ Flow Calibration																																				
☒ Calibration Certificate	☐ Form 40																																				
☐ Calibration Adjustment	☒ Other <u>Extra Stability Tests</u>																																				
Notes/Suggested Service: <u>Dry gas measurements during Stability Checks and Department Inspection were in nominal range. Performed extra dry gas Stability Tests. All 0.080 g/210L dry gas measurements in nominal range. Agency Inspector will advise if Control Outside Tolerance is encountered again. 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: Added System Check Breath Test to packet to ensure Control Outside Tolerance did not occur during breath test sequence. IS 04-13-2023		Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2023.04.13 11:00:41 -04'00'																																			
		Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.04.26 12:22:34 -04'00'																																			
Tech Review / Date		Admin Review / Date																																			

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP A
Time of Inspection: 10:01

Date of Inspection: 04/11/2023

Serial Number: 80-000887
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	0.050	0.078	0.199	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	0.200	0.080
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	0.199	0.079
0.000	0.049	0.078	0.199	0.079
0.000	0.050	0.078	0.199	0.080
0.000	0.049	0.079	0.199	0.079

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

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.

Israel Soto ISRAEL SOTO
Signature and Printed Name

04/11/2023
Date

Stability Checks

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
04/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:32
Control Test	0.050	07:33
Air Blank	0.000	07:33
Control Test	0.049	07:34
Air Blank	0.000	07:34
Control Test	0.049	07:35
Air Blank	0.000	07:36
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	


Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
04/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:37
Control Test	0.079	07:38
Air Blank	0.000	07:38
Control Test	0.079	07:39
Air Blank	0.000	07:40
Control Test	0.078	07:40
Air Blank	0.000	07:41
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

wet


Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
04/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:42
Control Test	0.200	07:43
Air Blank	0.000	07:44
Control Test	0.199	07:44
Air Blank	0.000	07:45
Control Test	0.199	07:46
Air Blank	0.000	07:46
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	


Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
04/11/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:48
Control Test	0.080	07:48
Air Blank	0.000	07:49
Control Test	0.080	07:49
Air Blank	0.000	07:49
Control Test	0.080	07:50
Air Blank	0.000	07:50
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

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 80-000887, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000887</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP A</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>04/11/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>10:01</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.

04/11/2023

Date

Israel Soto

ISRAEL SOTO,
Department Inspector

Digitally signed by Israel

Soto

Date: 2023.04.11

12:18:41 -04'00'

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
04/11/2023
Software: 8100.27

Extra 0.080
dry gas
stability checks

Test	g/210L	Time
Air Blank	0.000	10:26
Control Test	0.080	10:26
Air Blank	0.000	10:27
Control Test	0.080	10:27
Air Blank	0.000	10:28
Control Test	0.080	10:28
Air Blank	0.000	10:29
Control Test	0.080	10:29
Air Blank	0.000	10:29
Control Test	0.080	10:30
Air Blank	0.000	10:30
Control Test	0.080	10:31
Air Blank	0.000	10:31
Control Test	0.080	10:31
Air Blank	0.000	10:32
Control Test	0.080	10:32
Air Blank	0.000	10:33
Control Test	0.080	10:33
Air Blank	0.000	10:34
Control Test	0.081	10:34
Air Blank	0.000	10:35
Control Test	0.080	10:35
Air Blank	0.000	10:35
Control Test	0.081	10:36
Air Blank	0.000	10:36
Control Test	0.080	10:37
Air Blank	0.000	10:37
Control Test	0.080	10:37
Air Blank	0.000	10:38
Control Test	0.080	10:38
Air Blank	0.000	10:39
Control Test	0.080	10:39
Air Blank	0.000	10:40
Control Test	0.081	10:40
Air Blank	0.000	10:40
Control Test	0.081	10:41
Air Blank	0.000	10:41
Control Test	0.080	10:42
Air Blank	0.000	10:42
Control Test	0.080	10:42
Air Blank	0.000	10:43
Control Test Stats		
Average	0.0802	
Std Dev	0.0004	
Rel Std Dev(%)	0.5117	

Dry



Operator's Signature

**FLORIDA DEPARTMENT OF LAW ENFORCEMENT
ALCOHOL TESTING PROGRAM
BREATH ALCOHOL TEST AFFIDAVIT**

Instrument Type: Intoxilyzer 8000
Instrument Registered To: FHP TROOP A
Instrument Serial Number: 80-000887 Software: 8100.27
Date of Test: 04/13/2023

Date of Last Agency Inspection: 03/06/2023
Observation Period Began: 08:00
Subject's Name: TEST T TEST

DOB: 01/01/1980 Sex: M

The subject was observed for at least twenty-minutes prior to the administration of the breath test to ensure that the subject did not take anything orally and did not regurgitate.

Results:	Test	g/210L	Time
	Diagnostics Check	OK	08:51
	Air Blank	0.000	08:52
	Control Test	0.080	08:52
	Air Blank	0.000	08:53
	Subject Sample #1	0.000	08:53
	Air Blank	0.000	08:54
	Air Blank	0.000	08:56
	Subject Sample #2	0.000	08:56
	Air Blank	0.000	08:56
	Control Test	0.080	08:57
	Air Blank	0.000	08:57
	Diagnostics Check	OK	08:57

System Check to ensure
DGS values in range during
Control test. ✓

Cylinder Lot: AG229803
Exp: 10/25/2024

State of Florida, County of _____,

Personally appeared before me the undersigned authority, who (____) is personally known to me or (____) produced _____ as identification, and who after being placed under oath, states:

I ISRAEL SOTO, hold a valid Breath Test Operator permit issued by the Florida Department of Law Enforcement, I administered the above breath test to the subject named above in accordance with Chapter 11D-8, Florida Administrative Code, and this form is a true and accurate report of that breath test.

Breath Test Operator: _____

Signature

Date: 4-13-23

Sworn to (or affirmed) before me this _____ day of _____, _____

Signature of Notary Public-State of Florida

Printed Name of Notary Public-State of Florida

Note: Pursuant to section 117.10, Florida Statutes, law enforcement officers, correctional officers, traffic accident investigation officers and traffic infraction enforcement officers are notaries public when engaged in the performance of official duties. In accordance with section 316.1934(5), F.S., this completed form is admissible without further authentication and is presumptive proof of the results herein. To be used in accordance with Section 316.1934(5), F.S., and in administrative proceedings pursuant to 322.2615, F.S.



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-000887Florida Department of
Law EnforcementDate In 01-06-2023 DI Completion Date 01-13-2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date	01-12-2023	Flow Calibration	By IS	Date	01-12-2023																																						
☒ 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: Agency Inspector indicated dry gas regulator had a slow leak.		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>120</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.136</u> (.139 - .169) 36 mm <u>0.152</u> (.156 - .190) 53 mm <u>0.230</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</u> ☒ Stability Checks				☒ Flow Column # <u>ATP-103</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>121</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.148</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.511</u> (.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>MP6291</td><td>202201C 01-11-2024</td></tr><tr><td>0.080</td><td>MP6292</td><td>202201D 01-18-2024</td></tr><tr><td>0.200</td><td>MP6293</td><td>202201E 01-18-2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG113403 05-14-2023</td></tr></tbody></table>			Simulator	Serial #	Lot #/Exp	0.050	MP6291	202201C 01-11-2024	0.080	MP6292	202201D 01-18-2024	0.200	MP6293	202201E 01-18-2024	0.080 DGS	N/A	AG113403 05-14-2023	<table border="1"><thead><tr><th colspan="2">Maintenance</th><th>By IS</th></tr></thead><tbody><tr><td colspan="2">☐ Battery Replacement ☒ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Dry gas tank tare performed after replacing dry gas regulator.</u></td><td></td></tr></tbody></table>			Maintenance		By IS	☐ Battery Replacement ☒ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Dry gas tank tare performed after replacing dry gas regulator.</u>																					
Simulator	Serial #	Lot #/Exp																																													
0.050	MP6291	202201C 01-11-2024																																													
0.080	MP6292	202201D 01-18-2024																																													
0.200	MP6293	202201E 01-18-2024																																													
0.080 DGS	N/A	AG113403 05-14-2023																																													
Maintenance		By IS																																													
☐ Battery Replacement ☒ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Dry gas tank tare performed after replacing dry gas regulator.</u>																																															
Calibration Adjustment		By IS		Department Inspection		By IS																																									
Barometric Pressure Gauge <u>1013</u> ID # <u>28421</u>				Barometric Pressure ID# <u>30793</u> Gauge <u>1013</u> Instrument <u>1014</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u>																																											
<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>09-30-2023</td></tr><tr><td>0.100</td><td>MP5083</td><td>22310</td><td>08-11-2024</td></tr><tr><td>0.200</td><td>MP6297</td><td>22050</td><td>02-07-2024</td></tr><tr><td>0.300</td><td>MP5085</td><td>22220</td><td>06-15-2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>08121080A1</td><td>05-05-2023</td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.000	MP5091	N/A	N/A	0.040	MP5082	21410	09-30-2023	0.100	MP5083	22310	08-11-2024	0.200	MP6297	22050	02-07-2024	0.300	MP5085	22220	06-15-2024	0.080 DGS	N/A	08121080A1	05-05-2023			<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		
Simulator	Serial #	Lot #	Expiration																																												
0.000	MP5091	N/A	N/A																																												
0.040	MP5082	21410	09-30-2023																																												
0.100	MP5083	22310	08-11-2024																																												
0.200	MP6297	22050	02-07-2024																																												
0.300	MP5085	22220	06-15-2024																																												
0.080 DGS	N/A	08121080A1	05-05-2023																																												
Simulator	Serial Number																																														
0.000	MP6289																																														
Interferent	MP6290																																														
0.050	MP6291																																														
0.080	MP6292																																														
0.200	MP6293																																														
☒ Post Calibration Adjustment Stability Checks				Attachments																																											
<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #</th><th>Expiration</th></tr></thead><tbody><tr><td>0.050</td><td>MP6291</td><td>202201C</td><td>01-11-2024</td></tr><tr><td>0.080</td><td>MP6292</td><td>202201D</td><td>01-18-2024</td></tr><tr><td>0.200</td><td>MP6293</td><td>202201E</td><td>01-18-2024</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG113403</td><td>05-14-2023</td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.050	MP6291	202201C	01-11-2024	0.080	MP6292	202201D	01-18-2024	0.200	MP6293	202201E	01-18-2024	0.080 DGS	N/A	AG113403	05-14-2023			☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment		☒ Post-Stability Checks ☒ Flow Calibration ☐ Form 40 ☐ Other																					
Simulator	Serial #	Lot #	Expiration																																												
0.050	MP6291	202201C	01-11-2024																																												
0.080	MP6292	202201D	01-18-2024																																												
0.200	MP6293	202201E	01-18-2024																																												
0.080 DGS	N/A	AG113403	05-14-2023																																												
Notes/Suggested Service: <u>Dry gas regulator replaced prior to Quality Checks and Department Inspection. 0.080 g/210L Alcohol Reference Solution Stability Check values not nominal, performed Optical Bench Calibration Adjustment. 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																																											
David Eliezer Reyes-Rivera		Digitally signed by David Eliezer Reyes-Rivera Date: 2023.01.17 07:43:45 -05'00'		Phil Nicodemo		Digitally signed by Phil Nicodemo Date: 2023.01.17 14:16:12 -05'00'																																									
Tech Review / Date				Admin Review / Date																																											

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP A
Time of Inspection: 12:53

Date of Inspection: 01/13/2023

Serial Number: 80-000887
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#:AG113403 Exp: 05/14/2023
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.078	0.200	0.079
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.081
0.000	0.049	0.078	0.200	0.080
0.000	0.049	0.078	0.200	0.080
0.000	0.050	0.079	0.199	0.080
0.000	0.050	0.078	0.200	0.080
0.000	0.050	0.079	0.200	0.080

Standard Deviations	0.0005	0.0005	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.


ISRAEL SOTO
Signature and Printed Name

01/13/2023
Date

Stability checks

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/12/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:43
Control Test	0.048	13:43
Air Blank	0.000	13:44
Control Test	0.048	13:45
Air Blank	0.000	13:45
Control Test	0.047	13:46
Air Blank	0.000	13:46
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/12/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:48
Control Test	0.076	13:48
Air Blank	0.000	13:49
Control Test	0.076	13:50
Air Blank	0.000	13:50
Control Test	0.076	13:51
Air Blank	0.000	13:51
Control Test Stats		
Average	0.0760	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/12/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:52
Control Test	0.196	13:53
Air Blank	0.000	13:54
Control Test	0.195	13:54
Air Blank	0.000	13:55
Control Test	0.195	13:56
Air Blank	0.000	13:56
Control Test Stats		
Average	0.1953	
Std Dev	0.0006	
Rel Std Dev(%)	0.2956	

wet

Operator's Signature

Operator's Signature

Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/12/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:00
Control Test	0.078	14:00
Air Blank	0.000	14:01
Control Test	0.079	14:01
Air Blank	0.000	14:01
Control Test	0.078	14:02
Air Blank	0.000	14:02
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

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 80-000887, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000887</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP A</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/13/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>12:53</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: 2023.01.13 14:04:09
-05'00'

Date

ISRAEL SOTO,
Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023 07:48:14

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	0.0940	(-0.0290)	0.1280	(-0.0210)
Sample #2	0.0680	(-0.0240)	0.1180	(-0.0140)
Sample #3	0.1060	(-0.0120)	0.1450	(-0.0180)
Sample #4	0.0790	(-0.0080)	0.1090	(-0.0170)
Avg % Abs	0.0843	(-0.0147)	0.1240	(-0.0163)
STD DEV	0.0196	(0.0083)	0.0187	(0.0021)
REL STD DEV	23.186	(56.773)	15.109	(12.745)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8440	(-0.0220)	1.6000	(-0.0110)
Sample #2	0.8290	(0.0160)	1.6020	(-0.0030)
Sample #3	0.8470	(0.0220)	1.6080	(0.0090)
Sample #4	0.8380	(-0.0010)	1.5980	(-0.0040)
Avg % Abs	0.8380	(0.0123)	1.6027	(0.0007)
STD DEV	0.0090	(0.0119)	0.0050	(0.0072)
REL STD DEV	1.074	(96.733)	0.314	(1085.127)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.9760	(0.0000)	3.7620	(-0.0020)
Sample #2	1.9710	(-0.0110)	3.7460	(0.0020)
Sample #3	1.9790	(0.0130)	3.7400	(0.0170)
Sample #4	1.9700	(0.0000)	3.7410	(0.0070)
Avg % Abs	1.9733	(0.0007)	3.7423	(0.0087)
STD DEV	0.0049	(0.0120)	0.0032	(0.0076)
REL STD DEV	0.250	(1802.082)	0.086	(88.126)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.8350	(-0.0280)	7.1850	(0.0040)
Sample #2	3.8020	(-0.0130)	7.1540	(0.0200)
Sample #3	3.8280	(-0.0080)	7.1650	(0.0390)
Sample #4	3.7940	(0.0360)	7.1500	(0.0540)
Avg % Abs	3.8080	(0.0050)	7.1563	(0.0377)
STD DEV	0.0178	(0.0270)	0.0078	(0.0170)
REL STD DEV	0.467	(539.259)	0.109	(45.237)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.5770	(0.0000)	10.4070	(-0.0060)
Sample #2	5.5430	(0.0150)	10.3620	(0.0240)
Sample #3	5.5720	(0.0050)	10.3650	(0.0360)
Sample #4	5.5430	(0.0500)	10.3390	(0.0670)
Avg % Abs	5.5527	(0.0233)	10.3553	(0.0423)
STD DEV	0.0167	(0.0236)	0.0142	(0.0222)
REL STD DEV	0.302	(101.267)	0.137	(52.414)

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023 07:48:14

Optical Bench Calibration
Adjustment ✓

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -188.91
First Order Coef 2448.81
Second Order Coef 28.18

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

<<<< 9um >>>>

-153.46
1263.76
12.57

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	3094.00	3308.00
Sample #2	3273.00	3335.00
Sample #3	3153.00	3306.00
Sample #4	3224.00	3344.00
Avg	3216.6667	3328.3333
STD DEV	60.3352	19.8578
REL STD DEV	1.876	0.597
H2O adjust (mg/l*10k)	593	481

Barometric Pressure = 1014

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

Post Stability Checks

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:26
Control Test	0.048	09:26
Air Blank	0.000	09:27
Control Test	0.048	09:28
Air Blank	0.000	09:28
Control Test	0.049	09:29
Air Blank	0.000	09:29
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.078	09:33
Air Blank	0.000	09:33
Control Test	0.078	09:34
Air Blank	0.000	09:35
Control Test	0.078	09:35
Air Blank	0.000	09:36
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet

Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:36
Control Test	0.199	09:37
Air Blank	0.000	09:38
Control Test	0.199	09:38
Air Blank	0.000	09:39
Control Test	0.199	09:40
Air Blank	0.000	09:40
Control Test Stats		
Average	0.1990	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/13/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:41
Control Test	0.079	09:42
Air Blank	0.000	09:42
Control Test	0.080	09:43
Air Blank	0.000	09:43
Control Test	0.079	09:43
Air Blank	0.000	09:44
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dry

Operator's Signature

FHP TROOP A
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000887
01/12/2023
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff)) = 5.828

2: Rate (Liters/min) = 15

SQRT(Diff)) = 10.582

3: Rate (Liters/min) = 30

SQRT(Diff)) = 20.758

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 642

Rounded Intercept = -368694

Correlation = 0.99580

