



INSTRUMENT PROCESSING SHEET

Agency Florida Highway PatrolS/N 80-006046Florida Department of
Law EnforcementDate In 07/19/23DI Completion Date 07-28-2023☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE08-01-2023 IS

Intake	By ALL	Quality Checks	By BS	Date 7/20/2023	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: <u>missing right bottom foot</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>229</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP102</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>0.500</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)																																
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Calibration Adjustment	By IS	Department Inspection	By IS																																																																						
Barometric Pressure Gauge <u>1016/1012</u> ID # <u>28421/28427</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>MP6294</td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td>MP6295</td><td>21410</td><td>09-30-2023</td></tr><tr><td>0.100</td><td>MP6296</td><td>22430</td><td>11-30-2024</td></tr><tr><td>0.200</td><td>MP6297</td><td>22400</td><td>10-12-2024</td></tr><tr><td>0.300</td><td>MP6298</td><td>23070</td><td>03-06-2025</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG229803</td><td>10-25-2024</td></tr></tbody></table> ☒ Post Calibration Adjustment Stability Checks <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>202303L</td><td>03-29-2025</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>06723080A5</td><td>04-05-2025</td></tr></tbody></table> Notes/Suggested Service: <u>Dry 0.080 g/210L Stability</u> <u>Check values outside nominal range. Optical Bench</u> <u>Calibration Adjustment performed. IS</u> <u>Admin Review: Opt Bench Cal Adjust redone using</u> <u>different barometric pressure gauge from Quality</u> <u>Checks. Post Stability Checks and Department</u> <u>Inspection repeated. All serial #s and lot #s are the same</u> <u>except 0.050 Post Stability Solution: Lot # 202303K, Exp</u> <u>Date 03-29-2025. Form 40 added to packet. IS</u> <u>08-01-2023</u>		Simulator	Serial #	Lot #	Expiration	0.000	MP6294	N/A	N/A	0.040	MP6295	21410	09-30-2023	0.100	MP6296	22430	11-30-2024	0.200	MP6297	22400	10-12-2024	0.300	MP6298	23070	03-06-2025	0.080 DGS	N/A	AG229803	10-25-2024	Simulator	Serial #	Lot #	Expiration	0.050	MP6291	202201C	01-11-2024	0.080	MP6292	202303L	03-29-2025	0.200	MP6293	202201E	01-18-2024	0.080 DGS	N/A	06723080A5	04-05-2025	Barometric Pressure ID# <u>30793</u> Gauge <u>1016/1013</u> Instrument <u>1016/1012</u> Mouth Alcohol Solution Lot # <u>2023-A</u> Acetone Stock Solution Lot # <u>2022-B</u> <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> <table border="1"><thead><tr><th colspan="2">Attachments</th></tr></thead><tbody><tr><td>☒ Form 41 x2</td><td>☒ Post-Stability Checks x2</td></tr><tr><td>☒ Stability Checks</td><td>☐ Flow Calibration</td></tr><tr><td>☒ Calibration Certificate x2</td><td>☒ Form 40 IS 08-01-2023</td></tr><tr><td>☒ Calibration Adjustment x2</td><td>☒ Other <u>Extra Stability Tests</u></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 Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2023.07.31 15:00:57 -04'00' Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.08.03 11:33:52 -04'00' Tech Review / Date Admin Review / Date		Simulator	Serial Number	0.000	MP6289	Interferent	MP6290	0.050	MP6291	0.080	MP6292	0.200	MP6293	Attachments		☒ Form 41 x2	☒ Post-Stability Checks x2	☒ Stability Checks	☐ Flow Calibration	☒ Calibration Certificate x2	☒ Form 40 IS 08-01-2023	☒ Calibration Adjustment x2	☒ Other <u>Extra Stability Tests</u>
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Stability Checks

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/20/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:13
Control Test	0.047	14:13
Air Blank	0.000	14:14
Control Test	0.048	14:15
Air Blank	0.000	14:15
Control Test	0.048	14:16
Air Blank	0.000	14:16
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

Brian S. Riley
Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/20/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:25
Control Test	0.077	14:26
Air Blank	0.000	14:26
Control Test	0.077	14:27
Air Blank	0.000	14:28
Control Test	0.078	14:28
Air Blank	0.000	14:29
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

Brian S. Riley
Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/20/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:52
Control Test	0.197	13:53
Air Blank	0.000	13:53
Control Test	0.195	13:54
Air Blank	0.000	13:54
Control Test	0.197	13:55
Air Blank	0.000	13:56
Control Test Stats		
Average	0.1963	
Std Dev	0.0012	
Rel Std Dev(%)	0.5881	

Brian S. Riley
Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/20/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:33
Control Test	0.077	14:33
Air Blank	0.000	14:34
Control Test	0.076	14:34
Air Blank	0.000	14:34
Control Test	0.076	14:35
Air Blank	0.000	14:35
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

DGS

Brian S. Riley
Operator's Signature

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP C

Time of Inspection: 14:56

Date of Inspection: 07/28/2023

Serial Number: 80-006046

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#: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	0.049	0.079	0.199	0.080
0.000	0.048	0.079	0.199	0.080
0.000	0.048	0.079	0.199	0.080
0.000	0.049	0.078	0.199	0.080
0.000	0.049	0.079	0.198	0.080
0.000	0.049	0.079	0.199	0.080
0.000	0.048	0.079	0.199	0.080
0.000	0.049	0.079	0.199	0.081
0.000	0.048	0.079	0.199	0.080
0.000	0.049	0.079	0.198	0.081

Standard Deviations	0.0005	0.0003	0.0004	0.0004
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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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

07/28/2023
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 80-006046, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006046</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP C</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>07/28/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:56</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: 2023.07.28 15:28:16
-04'00'

Digitally signed by Israel

07/28/2023

Date

ISRAEL SOTO,
Department Inspector

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

Service • Integrity • Respect • Quality

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023 07:52:10

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	0.0690	(-0.0140)	0.1550	(0.0000)
Sample #2	0.0780	(-0.0060)	0.1400	(0.0370)
Sample #3	0.0540	(0.0080)	0.1540	(0.0200)
Sample #4	0.0780	(0.0260)	0.1540	(0.0370)
Avg % Abs	0.0700	(0.0093)	0.1493	(0.0313)
STD DEV	0.0139	(0.0160)	0.0081	(0.0098)
REL STD DEV	19.795	(171.874)	5.413	(31.324)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.7090	(0.0140)	1.4670	(-0.0040)
Sample #2	0.7510	(0.0080)	1.4820	(0.0130)
Sample #3	0.7050	(0.0420)	1.4540	(0.0240)
Sample #4	0.7540	(0.0320)	1.4790	(0.0330)
Avg % Abs	0.7367	(0.0273)	1.4717	(0.0233)
STD DEV	0.0275	(0.0175)	0.0154	(0.0100)
REL STD DEV	3.728	(63.928)	1.045	(42.929)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7020	(-0.0020)	3.4420	(-0.0160)
Sample #2	1.6910	(0.0250)	3.4440	(0.0090)
Sample #3	1.6890	(0.0430)	3.4170	(-0.0040)
Sample #4	1.7070	(0.0610)	3.4520	(0.0130)
Avg % Abs	1.6957	(0.0430)	3.4377	(0.0060)
STD DEV	0.0099	(0.0180)	0.0183	(0.0089)
REL STD DEV	0.582	(41.860)	0.533	(148.137)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.2960	(-0.0010)	6.5360	(-0.0110)
Sample #2	3.2750	(0.0310)	6.4950	(0.0480)
Sample #3	3.3310	(0.0220)	6.5320	(0.0480)
Sample #4	3.3410	(0.0280)	6.5450	(0.0420)
Avg % Abs	3.3157	(0.0270)	6.5240	(0.0460)
STD DEV	0.0356	(0.0046)	0.0259	(0.0035)
REL STD DEV	1.073	(16.973)	0.398	(7.531)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	4.8510	(0.0020)	9.5090	(-0.0140)
Sample #2	4.8190	(0.0520)	9.4480	(0.0670)
Sample #3	4.8480	(0.0660)	9.4450	(0.0740)
Sample #4	4.7990	(0.0830)	9.4280	(0.1020)
Avg % Abs	4.8220	(0.0670)	9.4403	(0.0810)
STD DEV	0.0246	(0.0155)	0.0108	(0.0185)
REL STD DEV	0.511	(23.170)	0.114	(22.865)

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023 07:52:10

Optical Bench
Calibration Adjustment

pg 2 of 2

Auto Calibration

<<<< 3um >>>>

Zero Order Coef -186.78
First Order Coef 2826.09
Second Order Coef 35.58

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	-0.0002
0.100	0.099	0.0011
0.200	0.201	-0.0011
0.300	0.300	0.0004

<<<< 9um >>>>

-197.60
1393.64
14.86

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

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

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4; Discarded = 1
Sample
Sample #1 3329.00 3144.00
Sample #2 3289.00 3144.00
Sample #3 3279.00 3158.00
Sample #4 3329.00 3180.00
Avg 3299.0000 3160.6667
STD DEV 26.4575 18.1475
REL STD DEV 0.802 0.574
H2O adjust (mg/l*10k) 510 649

Barometric Pressure = 1016

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

Post stability checks

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.048	09:40
Air Blank	0.000	09:41
Control Test	0.048	09:42
Air Blank	0.000	09:42
Control Test	0.048	09:43
Air Blank	0.000	09:43
Control Test Stats		
Average	0.0480	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:45
Control Test	0.081	09:46
Air Blank	0.000	09:46
Control Test	0.079	09:47
Air Blank	0.000	09:47
Control Test	0.079	09:48
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0797	
Std Dev	0.0012	
Rel Std Dev(%)	1.4494	

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:53
Control Test	0.199	09:54
Air Blank	0.000	09:54
Control Test	0.197	09:55
Air Blank	0.000	09:56
Control Test	0.197	09:56
Air Blank	0.000	09:57
Control Test Stats		
Average	0.1977	
Std Dev	0.0012	
Rel Std Dev(%)	0.5842	

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
07/28/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:59
Control Test	0.079	09:59
Air Blank	0.000	09:59
Control Test	0.080	10:00
Air Blank	0.000	10:00
Control Test	0.079	10:01
Air Blank	0.000	10:01
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Operator's Signature

wet

Dry

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP C

Time of Inspection: 14:11

Date of Inspection: 08/01/2023

Serial Number: 80-006046

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
0.007 / 0.000	0.051	0.079	0.200	0.079
0.000 / 0.000	0.051	0.079	0.199	0.080
0.000 / 0.000	0.050	0.079	0.200	0.080
0.000 / 0.000	0.050	0.079	0.199	0.080
0.000 / 0.000	0.050	0.079	0.200	0.080
0.000 / 0.000	0.051	0.079	0.200	0.080
0.000 / 0.000	0.050	0.079	0.200	0.080
0.000 / 0.000	0.051	0.079	0.199	0.080
0.000 / 0.000	0.050	0.079	0.199	0.081
0.000 / 0.000	0.050	0.078	0.199	0.080
Standard Deviations	0.0005	0.0003	0.0005	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

00: Control Outside Tolerance CHECKED SIM AND CLEARED AREA .

Ensured simulator was connected correctly and had no leaks, and ensured area around instrument was clear. Test repeated successfully. Extra 0.000 stability tests will be performed

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

08/01/2023
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 80-006046 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006046</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP C</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/01/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:11</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
Digitally signed by Israel Soto
Date: 2023.08.01 14:45:35 -04'00'

08/01/2023

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023 11:17:36

Optical Bench
Calibration Adjustment

#2

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	0.1040	(-0.0260)	0.1730	(-0.0260)
Sample #2	0.0190	(0.0370)	0.1290	(0.0000)
Sample #3	0.0930	(0.0240)	0.1460	(0.0010)
Sample #4	0.0310	(0.0710)	0.1050	(0.0220)
Avg % Abs	0.0477	(0.0440)	0.1267	(0.0077)
STD DEV	0.0397	(0.0243)	0.0206	(0.0124)
REL STD DEV	83.320	(55.158)	16.263	(162.040)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.6940	(-0.0100)	1.4870	(-0.0070)
Sample #2	0.7000	(0.0000)	1.4670	(-0.0060)
Sample #3	0.6940	(0.0140)	1.4560	(0.0190)
Sample #4	0.7190	(0.0360)	1.4500	(0.0180)
Avg % Abs	0.7043	(0.0167)	1.4577	(0.0103)
STD DEV	0.0131	(0.0181)	0.0086	(0.0142)
REL STD DEV	1.853	(108.885)	0.591	(136.973)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.7150	(0.0000)	3.4430	(-0.0020)
Sample #2	1.7390	(0.0240)	3.4430	(0.0110)
Sample #3	1.7460	(0.0320)	3.4500	(0.0150)
Sample #4	1.7340	(0.0440)	3.4330	(0.0370)
Avg % Abs	1.7397	(0.0333)	3.4420	(0.0210)
STD DEV	0.0060	(0.0101)	0.0085	(0.0140)
REL STD DEV	0.346	(30.199)	0.248	(66.667)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.3110	(-0.0110)	6.5390	(-0.0050)
Sample #2	3.2870	(0.0290)	6.5060	(0.0280)
Sample #3	3.3390	(0.0160)	6.5120	(0.0370)
Sample #4	3.2620	(0.0620)	6.5140	(0.0420)
Avg % Abs	3.2960	(0.0357)	6.5107	(0.0357)
STD DEV	0.0393	(0.0237)	0.0042	(0.0071)
REL STD DEV	1.192	(66.487)	0.064	(19.891)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	4.9140	(-0.0200)	9.5400	(-0.0060)
Sample #2	4.8580	(0.0360)	9.4770	(0.0610)
Sample #3	4.8170	(0.0690)	9.4700	(0.0710)
Sample #4	4.8430	(0.0710)	9.4690	(0.0940)
Avg % Abs	4.8393	(0.0587)	9.4720	(0.0753)
STD DEV	0.0207	(0.0197)	0.0044	(0.0169)
REL STD DEV	0.429	(33.503)	0.046	(22.462)

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023 11:17:36

Optical Bench #2
Calibration Adjustment

Auto Calibration

pg 2 of 2

<<<< 3um >>>>

Zero Order Coef -118.11
First Order Coef 2768.95
Second Order Coef 43.40

<<<< 9um >>>>

-175.29
1395.30
13.95

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0003
0.040	0.039	0.0011
0.100	0.101	-0.0014
0.200	0.199	0.0009
0.300	0.300	-0.0003

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0000
0.040	0.040	0.0003
0.100	0.101	-0.0006
0.200	0.200	0.0005
0.300	0.300	-0.0001

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

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 3347.00 3244.00
Sample #2 3375.00 3230.00
Sample #3 3355.00 3230.00
Sample #4 3450.00 3255.00
Avg 3393.3333 3238.3333
STD DEV 50.0833 14.4338
REL STD DEV 1.476 0.446
H2O adjust (mg/l*10k) 416 571

Barometric Pressure = 1011

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

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um lo = 12722, 9um lo = 13559
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.7490 (-0.0140)
Sample #2 = 0.7500 (0.0090)
Sample #3 = 0.6830 (0.0630)
Sample #4 = 0.7330 (0.0500)
Avg % Abs = 0.7220 (0.0407)
STD DEV = 0.0348 (0.0282)
REL STD DEV = 4.824 (69.305)

First 0.040 test had Fault Detect,
simulator was checked for leaks, lid
tightened, and test repeated successfully

<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.4780 (-0.0110)
Sample #2 = 1.4780 (-0.0030)
Sample #3 = 1.4470 (0.0280)
Sample #4 = 1.4920 (0.0120)
Avg % Abs = 1.4723 (0.0123)
STD DEV = 0.0230 (0.0155)
REL STD DEV = 1.564 (125.697)

Post stability checks #2

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:06
Control Test	0.049	12:07
Air Blank	0.000	12:07
Control Test	0.050	12:08
Air Blank	0.000	12:09
Control Test	0.049	12:09
Air Blank	0.000	12:10
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:11
Control Test	0.079	12:11
Air Blank	0.000	12:12
Control Test	0.080	12:13
Air Blank	0.000	12:13
Control Test	0.079	12:14
Air Blank	0.000	12:14
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

wet

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:15
Control Test	0.199	12:16
Air Blank	0.000	12:16
Control Test	0.198	12:17
Air Blank	0.000	12:18
Control Test	0.198	12:18
Air Blank	0.000	12:19
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:20
Control Test	0.079	12:20
Air Blank	0.000	12:21
Control Test	0.079	12:21
Air Blank	0.000	12:21
Control Test	0.080	12:22
Air Blank	0.000	12:22
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Dry

Operator's Signature

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
08/01/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:13
Control Test	0.000	14:13
Air Blank	0.000	14:14
Control Test	0.000	14:14
Air Blank	0.000	14:15
Control Test	0.000	14:16
Air Blank	0.000	14:16
Control Test	0.000	14:17
Air Blank	0.000	14:17
Control Test	0.000	14:18
Air Blank	0.000	14:18
Control Test	0.000	14:19
Air Blank	0.000	14:20
Control Test	0.000	14:20
Air Blank	0.000	14:21
Control Test	0.000	14:21
Air Blank	0.000	14:22
Control Test	0.000	14:23
Air Blank	0.000	14:23
Control Test	0.000	14:24
Air Blank	0.000	14:24
Control Test	0.000	14:25
Air Blank	0.000	14:25
Control Test	0.000	14:26
Air Blank	0.000	14:26
Control Test	0.000	14:27
Air Blank	0.000	14:28
Control Test	0.000	14:28
Air Blank	0.000	14:29
Control Test	0.000	14:29
Air Blank	0.000	14:30
Control Test	0.000	14:31
Air Blank	0.000	14:31
Control Test	0.000	14:32
Air Blank	0.000	14:32
Control Test	0.000	14:33
Air Blank	0.000	14:33
Control Test	0.000	14:34
Air Blank	0.000	14:35
Control Test	0.000	14:35
Air Blank	0.000	14:36
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Extra 0.000 DI H₂O
Stability Tests

✓

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP C

Time of Inspection: 11:17

Date of Inspection: 08/01/2023

Serial Number: 80-006046

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:

BYPASSED AI TO OPERATE INSTRUMENT

n/a compliance not determined

The above instrument complies (☒) 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.

Israel Soto

ISRAEL SOTO

Signature and Printed Name

08/01/2023
Date



INSTRUMENT PROCESSING SHEET

Agency FHP Troop CS/N 80-006046Florida Department of
Law EnforcementDate In 01/13/2023 DI Completion Date 01/24/2023☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>01/24/2023</u>	Flow Calibration	By TDG	Date <u>01/24/2023</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: <u>Missing back right foot on DGS shelf</u>		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>224</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.140</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.226*</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks			Flow Column # <u>ATP106</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>225</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)																																																														
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Calibration Adjustment By _____ Barometric Pressure Gauge _____ ID # _____ <table border="1" style="width:100%; border-collapse: collapse;"> <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> ☐ Post Calibration Adjustment Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <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	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial #	Lot #	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			Department Inspection By TDG _____ Barometric Pressure ID# <u>28663</u> Gauge <u>1021</u> Instrument <u>1021</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr><td>0.000</td><td>MP5095</td></tr> <tr><td>Interferent</td><td>MP5097</td></tr> <tr><td>0.050</td><td>MP5092</td></tr> <tr><td>0.080</td><td>MP5093</td></tr> <tr><td>0.200</td><td>MP5094</td></tr> </tbody> </table>				Simulator	Serial Number	0.000	MP5095	Interferent	MP5097	0.050	MP5092	0.080	MP5093	0.200	MP5094
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Notes/Suggested Service: <u>*Flow value was outside the nominal range. Will perform a flow cal. (TDG)</u>				Attachments ☒ Form 41 ☐ Post-Stability Checks ☒ Stability Checks ☒ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☐ Calibration Adjustment ☐ 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				Israel Soto Digitally signed by Israel Soto Date: 2023.01.25 12:26:16 -0500 Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.01.26 10:30:15 -0500 Tech Review / Date Admin Review / Date																																																															

80-006046

Flow Cal

01/24/2023

MG

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
01/24/2023
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff) = 6.707
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.531
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.094
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 669
Rounded Intercept = -580369
Correlation = 0.99734

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 6046	FHP Troop C	01/24/2023	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 ✓

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
01/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:44
Control Test	0.049	11:45
Air Blank	0.000	11:46
Control Test	0.049	11:46
Air Blank	0.000	11:47
Control Test	0.049	11:48
Air Blank	0.000	11:48
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature 

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
01/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:51
Control Test	0.078	11:51
Air Blank	0.000	11:52
Control Test	0.078	11:53
Air Blank	0.000	11:53
Control Test	0.078	11:54
Air Blank	0.000	11:54
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature 

FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
01/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:07
Control Test	0.201	12:08
Air Blank	0.000	12:09
Control Test	0.200	12:09
Air Blank	0.000	12:10
Control Test	0.199	12:11
Air Blank	0.000	12:11
Control Test Stats		
Average	0.2000	
Std Dev	0.0010	
Rel Std Dev(%)	0.5000	

Operator's Signature 

DGS
FHP TROOP C
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
01/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:37
Control Test	0.078	11:37
Air Blank	0.000	11:38
Control Test	0.078	11:38
Air Blank	0.000	11:39
Control Test	0.078	11:39
Air Blank	0.000	11:40
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature 

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP C
Time of Inspection: 14:42

Date of Inspection: 01/24/2023

Serial Number: 80-006046
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#:00521080A2 Exp: 02/05/2023
0.000	0.049	0.077	0.200	0.076
0.000	0.049	0.077	0.200	0.076
0.000	0.049	0.077	0.199	0.076
0.000	0.049	0.077	0.199	0.076
0.000	0.049	0.077	0.199	0.076
0.000	0.049	0.077	0.198	0.076
0.000	0.048	0.076	0.199	0.077
0.000	0.049	0.077	0.199	0.077
0.000	0.049	0.077	0.199	0.079
0.000	0.049	0.077	0.198	0.077

Standard Deviations	0.0003	0.0003	0.0006	0.0009
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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

01/24/2023
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 80-006046, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006046</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>FHP TROOP C</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/24/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:42</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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01/24/2023

Date

TAYLOR D GUTSCHOW,
Department Inspector