

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LIBERTY COUNTY SO
Time of Inspection: 10:16

Date of Inspection: 09/28/2022

Serial Number: 80-000960
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#:08121080A1 Exp: 05/05/2023
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.198	0.077
0.000	0.049	0.078	0.198	0.077
0.000	0.049	0.079	0.198	0.077
0.000	0.049	0.078	0.198	0.077
0.000	0.049	0.078	0.198	0.076
0.000	0.049	0.078	0.198	0.077
0.000	0.049	0.078	0.198	0.076
0.000	0.049	0.079	0.198	0.076

Standard Deviations	0.0000	0.0004	0.0004	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

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

Israel Soto

ISRAEL SOTO

Signature and Printed Name

09/28/2022
Date

Stability checks

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
09/28/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:09
Control Test	0.050	08:09
Air Blank	0.000	08:10
Control Test	0.049	08:11
Air Blank	0.000	08:11
Control Test	0.049	08:12
Air Blank	0.000	08:12
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
09/28/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:15
Control Test	0.079	08:16
Air Blank	0.000	08:17
Control Test	0.079	08:17
Air Blank	0.000	08:18
Control Test	0.078	08:18
Air Blank	0.000	08:19
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
09/28/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:20
Control Test	0.200	08:21
Air Blank	0.000	08:22
Control Test	0.200	08:22
Air Blank	0.000	08:23
Control Test	0.200	08:24
Air Blank	0.000	08:24
Control Test Stats		
Average	0.2000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

wet

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
09/28/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.077	08:26
Air Blank	0.000	08:27
Control Test	0.077	08:27
Air Blank	0.000	08:28
Control Test	0.078	08:28
Air Blank	0.000	08:29
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

Operator's Signature

Dry



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 80-000960, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000960</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>LIBERTY COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>09/28/2022</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
Digitally signed by Israel Soto
Date: 2022.09.28 10:33:52
-04'00'

09/28/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

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Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: LIBERTY COUNTY SO
Time of Inspection: 07:56

Date of Inspection: 09/28/2022

Serial Number: 80-000960
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

09/28/2022
Date



INSTRUMENT PROCESSING SHEET

Agency Liberty County Sheriff's OfficeS/N 80-000960Florida Department of
Law EnforcementDate In 11-8-2022DI Completion Date 11-17-2022☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By IS	Quality Checks	By IS	Date <u>11-10-2022</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: Instrument failed 0.200 g/210L test during last Agency Inspection.		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>215</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-105</u> 32 mm <u>0.152</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) ☒ 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>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>08121080A1 05-05-2023</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	08121080A1 05-05-2023																		
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Calibration Adjustment		By IS		Department Inspection			By IS																												
Barometric Pressure Gauge <u>1019/1019</u> ID # <u>30793</u>				Barometric Pressure ID# <u>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>MP5091</td><td>N/A</td><td>N/A</td></tr><tr><td>0.040</td><td>MP5082</td><td>21070</td><td>03-01-2023</td></tr><tr><td>0.100</td><td>MP5083</td><td>21380</td><td>09-13-2023</td></tr><tr><td>0.200</td><td>MP6297</td><td>20510</td><td>12-03-2022</td></tr><tr><td>0.300</td><td>MP5085</td><td>21420</td><td>10-20-2023</td></tr><tr><td>0.080 DGS</td><td>N/A</td><td>AG229803</td><td>10-25-2024</td></tr></tbody></table>		Simulator	Serial #	Lot #	Expiration	0.000	MP5091	N/A	N/A	0.040	MP5082	21070	03-01-2023	0.100	MP5083	21380	09-13-2023	0.200	MP6297	20510	12-03-2022	0.300	MP5085	21420	10-20-2023	0.080 DGS	N/A	AG229803	10-25-2024			Gauge <u>1021</u> Instrument <u>1023</u> Mouth Alcohol Solution Lot # <u>2022-A</u> Acetone Stock Solution Lot # <u>2022-B</u>			
Simulator	Serial #	Lot #	Expiration																																
0.000	MP5091	N/A	N/A																																
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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 ☒ Form 41 ☒ Post-Stability Checks x2 ☒ Stability Checks ☐ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☒ Calibration Adjustment x2 ☐ Other _____														
Simulator	Serial Number																																		
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Interferent	MP6290																																		
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0.080	MP6292																																		
0.200	MP6293																																		
Notes/Suggested Service: Dry Gas stability test values not nominal, performed Optical Bench Calibration Adjustment. Post Stability checks were out of nominal range. Performed second Optical Bench Calibration Adjustment using, serial #, lot #, and expiration date information remained the same. Second Post Stability Checks information also remained the same, values were nominal. IS				☒ 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																															
				Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2022.11.21 08:23:02 -05'00'			21 14:10:21 05'00'																												
				Tech Review / Date			Admir. Review / Date																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: LIBERTY COUNTY SO
Time of Inspection: 09:56

Date of Inspection: 11/17/2022

Serial Number: 80-000960
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	0.080
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.200	0.080
0.000	0.049	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.080
0.000	0.050	0.079	0.200	0.079
0.000	0.050	0.079	0.200	0.079

Standard Deviations	0.0005	0.0000	0.0003	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

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

Israel Soto

ISRAEL SOTO

Signature and Printed Name

11/17/2022
Date

stability checks

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/10/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:24
Control Test	0.049	08:24
Air Blank	0.000	08:25
Control Test	0.049	08:25
Air Blank	0.000	08:26
Control Test	0.049	08:27
Air Blank	0.000	08:27
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/10/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:29
Control Test	0.079	08:30
Air Blank	0.000	08:30
Control Test	0.078	08:31
Air Blank	0.000	08:31
Control Test	0.078	08:32
Air Blank	0.000	08:33
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

wet

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/10/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.199	08:34
Air Blank	0.000	08:35
Control Test	0.197	08:35
Air Blank	0.000	08:36
Control Test	0.197	08:37
Air Blank	0.000	08:37
Control Test Stats		
Average	0.1977	
Std Dev	0.0012	
Rel Std Dev(%)	0.5842	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/10/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:39
Control Test	0.077	08:39
Air Blank	0.000	08:39
Control Test	0.076	08:40
Air Blank	0.000	08:40
Control Test	0.077	08:41
Air Blank	0.000	08:41
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 80-000960, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000960</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>LIBERTY COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>11/17/2022</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>09:56</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
Digitally signed by Israel
Date: 2022.11.17
10:14:29 -05'00'

11/17/2022

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022 09:37:10

Optical Bench
Calibration Adjustment

Auto Calibration

✓ #1 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	0.0760	(-0.0050)	0.0750	(-0.0070)
Sample #2	0.0520	(0.0420)	0.0600	(0.0230)
Sample #3	0.0770	(0.0330)	0.0590	(0.0240)
Sample #4	0.0670	(0.0430)	0.0400	(0.0320)
Avg % Abs	0.0653	(0.0393)	0.0530	(0.0263)
STD DEV	0.0126	(0.0055)	0.0113	(0.0049)
REL STD DEV	19.260	(14.002)	21.263	(18.732)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	0.8200	(0.0010)	1.4990	(-0.0060)
Sample #2	0.5070	(0.2980)	0.9430	(0.5500)
Sample #3	0.5290	(0.3000)	0.9420	(0.5610)
Sample #4	0.5270	(0.2860)	0.9710	(0.5270)
Avg % Abs	0.5210	(0.2947)	0.9520	(0.5460)
STD DEV	0.0122	(0.0076)	0.0165	(0.0173)
REL STD DEV	2.335	(2.570)	1.729	(3.178)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	1.8890	(-0.0160)	3.5470	(0.0020)
Sample #2	1.6550	(0.2530)	3.0960	(0.4680)
Sample #3	1.6450	(0.2660)	3.0840	(0.4870)
Sample #4	1.6210	(0.2740)	3.0730	(0.4760)
Avg % Abs	1.6403	(0.2643)	3.0843	(0.4770)
STD DEV	0.0175	(0.0106)	0.0115	(0.0095)
REL STD DEV	1.065	(4.010)	0.373	(2.000)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	3.5950	(-0.0090)	6.8350	(-0.0120)
Sample #2	3.5910	(0.0190)	6.8070	(0.0340)
Sample #3	3.6020	(0.0000)	6.8080	(0.0340)
Sample #4	3.6280	(0.0060)	6.8200	(0.0290)
Avg % Abs	3.6070	(0.0083)	6.8117	(0.0323)
STD DEV	0.0190	(0.0097)	0.0072	(0.0029)
REL STD DEV	0.527	(116.550)	0.106	(8.928)

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

Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)
Sample #1	5.2790	(-0.0090)	9.9490	(0.0000)
Sample #2	5.2660	(0.0270)	9.8950	(0.0440)
Sample #3	5.2410	(0.0450)	9.8790	(0.0630)
Sample #4	5.2770	(0.0400)	9.9270	(0.0480)
Avg % Abs	5.2613	(0.0373)	9.9003	(0.0517)
STD DEV	0.0184	(0.0093)	0.0244	(0.0100)
REL STD DEV	0.351	(24.888)	0.247	(19.387)

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022 09:37:10

Optical Bench Calibration Adjustment

Auto Calibration

✓ #1 pg 2 of 2

<<<< 3um >>>>

Zero Order Coef 158.05
First Order Coef 2714.29
Second Order Coef -9.82

<<<< 9um >>>>

245.64
1406.70
-0.08

Act Fit Residual
(g/210L) (g/210L) (g/210L)
0.000 0.007 -0.0070
0.040 0.033 0.0070
0.100 0.096 0.0037
0.200 0.206 -0.0062
0.300 0.298 0.0025

Act Fit Residual
(g/210L) (g/210L) (g/210L)
0.000 0.007 -0.0067
0.040 0.033 0.0067
0.100 0.096 0.0037
0.200 0.206 -0.0063
0.300 0.297 0.0025

<<<< 3um >>>>

Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1 3615.00
Sample #2 3546.00
Sample #3 3632.00
Sample #4 3584.00
Avg 3587.3333
STD DEV 43.0968
REL STD DEV 1.201
H2O adjust (mg/l*10k) 222

<<<< 9um >>>>

3981.00
3962.00
3948.00
3936.00
3948.6667
13.0128
0.330
-138

Barometric Pressure = 1019

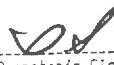
*****CALIBRATION SUCCESSFUL*****

Post Stability Checks #1

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.059	11:13
Air Blank	0.000	11:13
Control Test	0.058	11:14
Air Blank	0.000	11:15
Control Test	0.059	11:15
Air Blank	0.000	11:16
Control Test Stats		
Average	0.0587	
Std Dev	0.0006	
Rel Std Dev(%)	0.9841	

Checked sim
temp, temp ok,
repeated test


Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:25
Control Test	0.058	11:26
Air Blank	0.000	11:26
Control Test	0.058	11:27
Air Blank	0.000	11:28
Control Test	0.058	11:28
Air Blank	0.000	11:29
Control Test Stats		
Average	0.0580	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

0.050 repeat


Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:30
Control Test	0.087	11:31
Air Blank	0.000	11:31
Control Test	0.088	11:32
Air Blank	0.000	11:32
Control Test	0.087	11:33
Air Blank	0.000	11:34
Control Test Stats		
Average	0.0873	
Std Dev	0.0006	
Rel Std Dev(%)	0.6611	

wet


Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

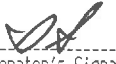
Test	g/210L	Time
Air Blank	0.000	11:34
Control Test	0.207	11:35
Air Blank	0.000	11:36
Control Test	0.205	11:36
Air Blank	0.000	11:37
Control Test	0.205	11:38
Air Blank	0.000	11:38
Control Test Stats		
Average	0.2057	
Std Dev	0.0012	
Rel Std Dev(%)	0.5614	


Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:39
Control Test	0.080	11:40
Air Blank	0.000	11:40
Control Test	0.080	11:41
Air Blank	0.000	11:41
Control Test	0.079	11:42
Air Blank	0.000	11:42
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Dry


Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022 12:33:38

Optical Bench
Calibration Adjustment

Auto Calibration

#2



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	0.1150	(-0.0090)	0.0860	(-0.0170)	
Sample #2	0.1340	(0.0100)	0.1020	(-0.0200)	
Sample #3	0.1120	(0.0520)	0.0710	(0.0030)	
Sample #4	0.1270	(0.0500)	0.0850	(0.0040)	
Avg % Abs	0.1243	(0.0373)	0.0860	(-0.0043)	
STD DEV	0.0112	(0.0237)	0.0155	(0.0136)	
REL STD DEV	9.040	(63.462)	18.051	(313.314)	

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	0.8550	(-0.0230)	1.5150	(-0.0050)	
Sample #2	0.8450	(-0.0220)	1.5160	(0.0070)	
Sample #3	0.8350	(0.0030)	1.5120	(0.0180)	
Sample #4	0.8230	(0.0020)	1.5060	(0.0240)	
Avg % Abs	0.8343	(-0.0057)	1.5113	(0.0163)	
STD DEV	0.0110	(0.0142)	0.0050	(0.0086)	
REL STD DEV	1.320	(249.775)	0.333	(52.786)	

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	1.9160	(-0.0110)	3.6060	(0.0000)	
Sample #2	1.8960	(0.0090)	3.5930	(0.0130)	
Sample #3	1.8990	(0.0110)	3.5850	(0.0110)	
Sample #4	1.9030	(0.0250)	3.5850	(0.0210)	
Avg % Abs	1.8993	(0.0150)	3.5877	(0.0150)	
STD DEV	0.0035	(0.0087)	0.0046	(0.0053)	
REL STD DEV	0.185	(58.119)	0.129	(35.277)	

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	3.6250	(-0.0110)	6.8490	(0.0000)	
Sample #2	3.6190	(0.0030)	6.8320	(0.0170)	
Sample #3	3.6230	(0.0060)	6.8420	(0.0110)	
Sample #4	3.6190	(0.0270)	6.8590	(0.0120)	
Avg % Abs	3.6203	(0.0120)	6.8443	(0.0133)	
STD DEV	0.0023	(0.0131)	0.0137	(0.0032)	
REL STD DEV	0.064	(108.972)	0.199	(24.109)	

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1					
Sample	% Abs	(% Abs Ref)	% Abs	(% Abs Ref)	
Sample #1	5.2780	(-0.0160)	9.9390	(-0.0010)	
Sample #2	5.2730	(-0.0030)	9.9180	(0.0180)	
Sample #3	5.2940	(-0.0090)	9.9430	(0.0230)	
Sample #4	5.2540	(0.0030)	9.9210	(0.0300)	
Avg % Abs	5.2737	(-0.0030)	9.9273	(0.0237)	
STD DEV	0.0200	(0.0060)	0.0137	(0.0060)	
REL STD DEV	0.379	(200.000)	0.138	(25.469)	

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022 12:33:38

Optical Bench Calibration Adjustment

#2

pg 2 of 2

Auto Calibration

<<<< 3um >>>>

Zero Order Coef -314.37
First Order Coef 2617.27
Second Order Coef 28.51

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0002
0.040	0.040	0.0003
0.100	0.100	0.0000
0.200	0.200	-0.0002
0.300	0.300	0.0001

<<<< 9um >>>>

-112.30
1310.24
14.13

Act (g/210L)	Fit (g/210L)	Residual (g/210L)
0.000	0.000	-0.0000
0.040	0.040	0.0001
0.100	0.100	-0.0002
0.200	0.200	0.0001
0.300	0.300	-0.0000

<<<< 3um >>>>

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

Sample #1	3061.00
Sample #2	3077.00
Sample #3	3084.00
Sample #4	3117.00
Avg	3092.6667
STD DEV	21.3620
REL STD DEV	0.691
H2O adjust (mg/l*10k)	717

<<<< 9um >>>>

3411.00
3435.00
3446.00
3453.00
3444.6667
9.0738
0.263
365

Barometric Pressure = 1018

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

Post Stability Checks #2

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:56
Control Test	0.048	13:57
Air Blank	0.000	13:58
Control Test	0.049	13:58
Air Blank	0.000	13:59
Control Test	0.048	13:59
Air Blank	0.000	14:00
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:11
Control Test	0.077	14:12
Air Blank	0.000	14:13
Control Test	0.077	14:13
Air Blank	0.000	14:14
Control Test	0.077	14:15
Air Blank	0.000	14:15
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:40
Control Test	0.198	14:41
Air Blank	0.000	14:41
Control Test	0.198	14:42
Air Blank	0.000	14:42
Control Test	0.197	14:43
Air Blank	0.000	14:44
Control Test Stats		
Average	0.1977	
Std Dev	0.0006	
Rel Std Dev(%)	0.2921	

Operator's Signature

wet

LIBERTY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000960
11/16/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:47
Control Test	0.080	14:47
Air Blank	0.000	14:48
Control Test	0.080	14:48
Air Blank	0.000	14:49
Control Test	0.080	14:49
Air Blank	0.000	14:50
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Dry