



INSTRUMENT PROCESSING SHEET

Agency Umatilla PD (Lake SO)

S/N 80-000836

Florida Department of
Law Enforcement

Date In 12/01/2022 DI Completion Date 12/08/2022

☐ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date <u>12/08/2022</u>	Flow Calibration	By	Date																																								
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>3 feet/screws have come out of the bottom of the chassis. The DGS shelf is currently only attached by a single screw. The instrument sits unsteadily.</u> <u>Per phone conversation with Al Bowden on 12/8, instrument was not damaged as reported above prior to being shipped to FDLE.</u>		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>139</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min – 17mm <input type="checkbox"/> 15L/min – 53mm <input type="checkbox"/> 30L/min – 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> 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 TDG _____ Barometric Pressure Gauge <u>1022</u> ID # <u>26932</u>				Department Inspection By TDG _____ Barometric Pressure ID# <u>28199</u> Gauge <u>1021</u> Instrument <u>1020</u> Mouth Alcohol Solution Lot # <u>2021-D</u> Acetone Stock Solution Lot # <u>2021-C</u>																																											
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Notes/Suggested Service: <u>Instrument failed the baro check during the Quality Checks (1010 psi on instrument and 1022 psi on gauge). The results were not within 1% of each other. Corrected with an optical cal adjust. (TDG)</u> <u>Instrument is still giving accurate/reliable results despite unsteady seating. Will hold the instrument until January for the 2023 Department Inspection. (TDG)</u>				<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																											
David Eliezer Reyes-Rivera <small>Digitally signed by David Eliezer Reyes-Rivera Date: 2022.12.12 10:49:53 -05'00'</small>				Israel Soto <small>Digitally signed by Israel Soto Date: 2022.12.14 10:40:52 -05'00'</small>																																											
Tech Review / Date _____				Admin Review / Date _____																																											

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000836	Umatilla PD (Lake SO)	12/08/2022	TDG <i>ML</i>

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
UMATILLA PD(LAKE SO) Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000836 12/08/2022 Software: 8100.27	UMATILLA PD(LAKE SO) Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000836 12/08/2022 Software: 8100.27	UMATILLA PD(LAKE SO) Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000836 12/08/2022 Software: 8100.27	UMATILLA PD(LAKE SO) Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000836 12/08/2022 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 09:40	Air Blank 0.000 09:49	Air Blank 0.000 09:55	Air Blank 0.000 10:00
Control Test 0.049 09:41	Control Test 0.079 09:49	Control Test 0.198 09:56	Control Test 0.079 10:00
Air Blank 0.000 09:41	Air Blank 0.000 09:50	Air Blank 0.000 09:57	Air Blank 0.000 10:01
Control Test 0.050 09:42	Control Test 0.079 09:51	Control Test 0.197 09:57	Control Test 0.079 10:01
Air Blank 0.000 09:43	Air Blank 0.000 09:51	Air Blank 0.000 09:58	Air Blank 0.000 10:02
Control Test 0.050 09:43	Control Test 0.078 09:52	Control Test 0.198 09:59	Control Test 0.079 10:02
Air Blank 0.000 09:44	Air Blank 0.000 09:53	Air Blank 0.000 09:59	Air Blank 0.000 10:03
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0497	Average 0.0787	Average 0.1977	Average 0.0790
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0006
Rel Std Dev(%) 1.1625	Rel Std Dev(%) 0.7339	Rel Std Dev(%) 0.2921	Rel Std Dev(%) 0.0000
ML Operator's Signature	ML Operator's Signature	ML Operator's Signature	ML Operator's Signature

Comments:

UMATILLA PD(LAKE SO)
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000836
12/06/2022 10:04:14

Auto Calibration
Max Power Res Value = 41
Auto Range Res Value = 19

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 11809, 9um Io = 14292

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1670 (-0.0150)
Sample #2 = 0.1490 (0.0420)
Sample #3 = 0.1430 (0.1190)
Sample #4 = 0.1360 (0.1280)
Avg % Abs = 0.1427 (0.0963)
STD DEV = 0.0065 (0.0473)
REL STD DEV = 4.561 (49.068)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.1310 (-0.0130)
Sample #2 = 0.1010 (0.0030)
Sample #3 = 0.0970 (0.0280)
Sample #4 = 0.1080 (0.0170)
Avg % Abs = 0.1020 (0.0160)
STD DEV = 0.0056 (0.0125)
REL STD DEV = 5.459 (78.312)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 11782, 9um Io = 14281

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.9230 (-0.0320)
Sample #2 = 0.8760 (-0.0020)
Sample #3 = 0.8590 (0.0260)
Sample #4 = 0.8850 (0.0370)
Avg % Abs = 0.8733 (0.0203)
STD DEV = 0.0132 (0.0201)
REL STD DEV = 1.512 (98.892)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.5960 (-0.0070)
Sample #2 = 1.5680 (0.0070)
Sample #3 = 1.5610 (0.0210)
Sample #4 = 1.5640 (0.0200)
Avg % Abs = 1.5643 (0.0160)
STD DEV = 0.0035 (0.0078)
REL STD DEV = 0.225 (48.814)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 11781, 9um Io = 14280

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 2.0060 (-0.0010)
Sample #2 = 1.9710 (0.0150)
Sample #3 = 1.9520 (0.0340)
Sample #4 = 1.9450 (0.0460)
Avg % Abs = 1.9560 (0.0317)
STD DEV = 0.0135 (0.0156)
REL STD DEV = 0.688 (49.362)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.7460 (-0.0050)
Sample #2 = 3.7030 (0.0330)
Sample #3 = 3.6840 (0.0410)
Sample #4 = 3.6870 (0.0380)
Avg % Abs = 3.6913 (0.0373)
STD DEV = 0.0102 (0.0040)
REL STD DEV = 0.277 (10.825)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 11779, 9um Io = 14277

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 3.8000 (-0.0120)
Sample #2 = 3.7850 (0.0180)
Sample #3 = 3.7930 (-0.0070)
Sample #4 = 3.7510 (0.0350)
Avg % Abs = 3.7763 (0.0153)
STD DEV = 0.0223 (0.0211)
REL STD DEV = 0.591 (137.782)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 7.1790 (-0.0140)
Sample #2 = 7.1120 (0.0500)
Sample #3 = 7.1110 (0.0470)
Sample #4 = 7.0850 (0.0730)
Avg % Abs = 7.1027 (0.0567)
STD DEV = 0.0153 (0.0142)
REL STD DEV = 0.216 (25.102)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
3um Io = 11784, 9um Io = 14278

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 5.5330 (-0.0260)
Sample #2 = 5.4970 (0.0100)
Sample #3 = 5.4980 (-0.0080)
Sample #4 = 5.5090 (-0.0190)
Avg % Abs = 5.5013 (-0.0057)
STD DEV = 0.0067 (0.0146)
REL STD DEV = 0.121 (258.355)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 10.3500 (-0.0130)
Sample #2 = 10.3070 (0.0440)
Sample #3 = 10.3160 (0.0370)
Sample #4 = 10.3300 (0.0350)
Avg % Abs = 10.3177 (0.0387)
STD DEV = 0.0116 (0.0047)
REL STD DEV = 0.112 (12.222)

Optical Calibration	
SN:	80-000836
Agency:	Umatilla PD (Lake SO)
Date:	12/08/2022
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG JMG

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.143
Std Dev = 0.01 Rel Std Dev = 4.56
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.873
Std Dev = 0.01 Rel Std Dev = 1.51
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.956
Std Dev = 0.01 Rel Std Dev = 0.69
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.776
Std Dev = 0.02 Rel Std Dev = 0.59
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.501
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -347.91
First Order Coef = 2556.49
Second Order Coef = 18.30
Standard Deviation = 31.650175

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.102
Std Dev = 0.01 Rel Std Dev = 5.46
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.564
Std Dev = 0.00 Rel Std Dev = 0.22
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.691
Std Dev = 0.01 Rel Std Dev = 0.28
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.103
Std Dev = 0.02 Rel Std Dev = 0.22
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.318
Std Dev = 0.01 Rel Std Dev = 0.11
Zero Order Coef = -126.77
First Order Coef = 1280.17
Second Order Coef = 11.27
Standard Deviation = 7.744115

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0004
0.040 0.040 0.0001
0.100 0.099 0.0008
0.200 0.201 -0.0009
0.300 0.300 0.0003

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L 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

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3154.00
Sample #2 = 3051.00
Sample #3 = 3083.00
Sample #4 = 3015.00
Average Result = 3049.6667
STD DEV = 34.0196
REL STD DEV = 1.116

***** CHANNEL 2 *****
Sample #1 = 3476.00
Sample #2 = 3447.00
Sample #3 = 3460.00
Sample #4 = 3445.00
Average Result = 3450.6667
STD DEV = 8.1445
REL STD DEV = 0.236

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1021
3 um H2O Adjust (mg/l*10,000) = 760
9 um H2O Adjust (mg/l*10,000) = 359
**** AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Post-Cal)	80-000836	Umatilla PD (Lake SO)	12/08/2022	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
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Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 12:01	Air Blank 0.000 12:06	Air Blank 0.000 11:31	Air Blank 0.000 11:11
Control Test 0.048 12:02	Control Test 0.078 12:07	Control Test 0.199 11:32	Control Test 0.079 11:11
Air Blank 0.000 12:03	Air Blank 0.000 12:07	Air Blank 0.000 11:32	Air Blank 0.000 11:12
Control Test 0.048 12:03	Control Test 0.078 12:08	Control Test 0.197 11:33	Control Test 0.079 11:12
Air Blank 0.000 12:04	Air Blank 0.000 12:08	Air Blank 0.000 11:34	Air Blank 0.000 11:13
Control Test 0.048 12:04	Control Test 0.078 12:09	Control Test 0.197 11:34	Control Test 0.079 11:13
Air Blank 0.000 12:05	Air Blank 0.000 12:10	Air Blank 0.000 11:35	Air Blank 0.000 11:14
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0480	Average 0.0780	Average 0.1977	Average 0.0790
Std Dev 0.0000	Std Dev 0.0000	Std Dev 0.0012	Std Dev 0.0000
Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.0000	Rel Std Dev(%) 0.5842	Rel Std Dev(%) 0.0000
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: UMATILLA PD(LAKE SO)
Time of Inspection: 13:53

Date of Inspection: 12/08/2022

Serial Number: 80-000836
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	0.078	0.199	0.079
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.078	0.199	0.078
0.000	0.048	0.078	0.199	0.078
0.000	0.049	0.078	0.198	0.078
0.000	0.048	0.078	0.198	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.078	0.199	0.077
0.000	0.049	0.079	0.198	0.077
0.000	0.049	0.078	0.199	0.076


Standard Deviations	0.0004	0.0004	0.0004	0.0008
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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

12/08/2022
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 80-000836, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000836</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>UMATILLA PD(LAKE SO)</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>12/08/2022</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:53</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.

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12/08/2022

Date


TAYLOR D GUTSCHOW,
Department Inspector

FDLE/ATP Form 69 December 2021

Issuing Authority: Alcohol Testing Program

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