



INSTRUMENT PROCESSING SHEET

Agency Titusville PDS/N 80-001649

Florida Department of Law Enforcement

Date In 09-15-2023

DI Completion Date _____

 Ship P/U H/D CMI EE

Intake	By ALL	Quality Checks	By BS	Date 9/20/2023	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 checked="" type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: <u>missing bottom left foot</u> 		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input type="checkbox"/> Instrument Set Up Verified <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Flow Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) <input type="checkbox"/> Barometric Pressure Check Gauge ID # _____ <input 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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Notes/Suggested Service: <u>All reported reversing simulator intake tubes and water entering instrument. When removing the simulator intake cap, some drops of water fell out. After turning on instrument, diagnostic check froze. Unable to continue quality check, sending to CMI for diagnosis and repair. (BS 9/20/2023)</u> 	<input type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input type="checkbox"/> Return to/Place into Evidentiary Use <input checked="" type="checkbox"/> Remain Out of Evidentiary Use <input type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use <hr/> <div style="display: flex; justify-content: space-between;"> Tech Review / Date _____ Admin Review / Date _____ </div>
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Return Material Authorization

Ship to: CMI, Inc.

Enforcement Electronics

Shipment to repair facility authorized by: Matthew Rasmussen on 9/20/2023

Items Returned: Instrument Supplies Other Describe: _____
Instrument Model: Intoxilyzer 8000 Serial Number: 80-001649

Bill To Address: <u>Matthew Rasmussen</u> <u>Titusville Police Department</u> _____ _____ _____	Ship to Address: <u>FDLE Off-Site Mail Facility</u> <u>c/o Florida Department of Law Enforcemen</u> <u>Alcohol Testing Program</u> <u>813 B Lake Bradford Road</u> <u>Tallahassee, FL 32304</u> _____
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Reason for Return:

Simulator hoses reversed calibration inlet and simulator return, and water entered instrument.
When instrument begins diagnostic check, it freezes.

Please choose one of the following options:

- 1. I _____, authorize all repairs.
- 2. I _____, authorize repairs up to \$_____.
- 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Matthew Rasmussen

Phone #: 321-576-6067 Email: matthew.rasmussen@titusville.com

ATP Contact Name: Benjamin Siddoway ATP Email: BenjaminSiddoway@fdle.state.fl.us



INSTRUMENT PROCESSING SHEET

Agency Titusville PDS/N 80-001649Florida Department of
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Return Material Authorization

Ship to: CMI, Inc.

Enforcement Electronics

Shipment to repair facility authorized by: Matthew Rasmussen on 9/20/2023

Items Returned: Instrument Supplies Other Describe: _____
Instrument Model: Intoxilyzer 8000 Serial Number: 80-001649

Bill To Address: <u>Matthew Rasmussen</u> <u>Titusville Police Department</u> _____ _____ _____	Ship to Address: <u>FDLE Off-Site Mail Facility</u> <u>c/o Florida Department of Law Enforcemen</u> <u>Alcohol Testing Program</u> <u>813 B Lake Bradford Road</u> <u>Tallahassee, FL 32304</u> _____
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Reason for Return:

Simulator hoses reversed calibration inlet and simulator return, and water entered instrument.
When instrument begins diagnostic check, it freezes.

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Phone #: 321-576-6067 Email: matthew.rasmussen@titusville.com

ATP Contact Name: Benjamin Siddoway ATP Email: BenjaminSiddoway@fdle.state.fl.us



INSTRUMENT PROCESSING SHEET

Agency Titusville Police Department

S/N 80-001649

Florida Department of Law Enforcement

Date In 3/17/2023

DI Completion Date 03-24-2023

Ship P/U H/D CMI EE

Intake, Quality Checks, Flow Calibration, Maintenance, and Notes sections with various checkboxes and data entry fields.

Calibration Adjustment and Department Inspection sections containing tables for simulator data and inspection details.

Notes/Suggested Service and final compliance checkboxes, including a digital signature and date stamp.

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: TITUSVILLE PD
Time of Inspection: 13:24

Date of Inspection: 03/24/2023

Serial Number: 80-001649
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	0.049	0.077	0.198	0.079
0.000	0.049	0.078	0.198	0.079
0.000	0.048	0.077	0.198	0.080
0.000	0.049	0.078	0.198	0.080
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0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.198	0.080

Standard Deviations	0.0005	0.0005	0.0003	0.0005
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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

03/24/2023
Date

Stability checks

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/23/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:21
Control Test	0.047	15:22
Air Blank	0.000	15:22
Control Test	0.047	15:23
Air Blank	0.000	15:24
Control Test	0.047	15:24
Air Blank	0.000	15:25
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

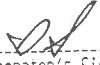
TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/23/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:26
Control Test	0.077	15:27
Air Blank	0.000	15:27
Control Test	0.077	15:28
Air Blank	0.000	15:29
Control Test	0.076	15:29
Air Blank	0.000	15:30
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	


TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/23/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:31
Control Test	0.200	15:32
Air Blank	0.000	15:32
Control Test	0.199	15:33
Air Blank	0.000	15:34
Control Test	0.199	15:34
Air Blank	0.000	15:35
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	


wet



Operator's Signature




Operator's Signature



Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/23/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:37
Control Test	0.077	15:37
Air Blank	0.000	15:38
Control Test	0.077	15:38
Air Blank	0.000	15:38
Control Test	0.077	15:39
Air Blank	0.000	15:39
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DRY


Operator's Signature



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

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001649, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001649</u>	UNCERTAINTY* ±	
Owning Agency:	<u>TITUSVILLE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/24/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:24</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: 2023.03.24 13:33:44 -04'00'

03/24/2023

Date

ISRAEL SOTO,

Department Inspector

FDLE/ATP Form 69 March 2022

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/24/2023 08:37:46

Optical Bench Calibration
Adjustment



Auto Calibration

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<<<<< 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 0.1320 (0.0030) 0.1120 (-0.0080)
Sample #2 0.1370 (0.0380) 0.1230 (0.0060)
Sample #3 0.1680 (0.0380) 0.1630 (-0.0170)
Sample #4 0.1330 (0.0750) 0.1540 (0.0020)
Avg % Abs 0.1460 (0.0503) 0.1467 (-0.0030)
STD DEV 0.0192 (0.0214) 0.0210 (0.0123)
REL STD DEV 13.121 (42.441) 14.307 (409.607)

Solution = 0.040 g/210L or 0.1905 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 0.8540 (-0.0180) 1.5700 (-0.0230)
Sample #2 0.8290 (0.0090) 1.5180 (0.0070)
Sample #3 0.8420 (-0.0060) 1.5360 (-0.0110)
Sample #4 0.8490 (0.0190) 1.5380 (0.0060)
Avg % Abs 0.8400 (0.0073) 1.5307 (0.0007)
STD DEV 0.0101 (0.0126) 0.0110 (0.0101)
REL STD DEV 1.208 (171.587) 0.720 (1517.399)

Solution = 0.100 g/210L or 0.4762 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 1.8850 (-0.0120) 3.6040 (-0.0180)
Sample #2 1.8640 (0.0090) 3.5700 (0.0060)
Sample #3 1.8720 (0.0090) 3.5910 (-0.0090)
Sample #4 1.8560 (0.0330) 3.5750 (0.0160)
Avg % Abs 1.8640 (0.0170) 3.5787 (0.0043)
STD DEV 0.0080 (0.0139) 0.0110 (0.0126)
REL STD DEV 0.429 (81.508) 0.307 (290.378)

Solution = 0.200 g/210L or 0.9524 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 3.5810 (-0.0240) 6.8620 (-0.0070)
Sample #2 3.5600 (-0.0030) 6.8300 (0.0300)
Sample #3 3.5730 (0.0000) 6.8430 (0.0270)
Sample #4 3.5670 (0.0190) 6.8340 (0.0260)
Avg % Abs 3.5667 (0.0053) 6.8357 (0.0277)
STD DEV 0.0065 (0.0119) 0.0067 (0.0021)
REL STD DEV 0.182 (223.694) 0.097 (7.524)

Solution = 0.300 g/210L or 1.4286 mg/l, Samples = 4, Discarded = 1
Sample % Abs (% Abs Ref) % Abs (% Abs Ref)
Sample #1 5.1940 (-0.0330) 9.9210 (-0.0240)
Sample #2 5.1830 (0.0100) 9.8920 (0.0320)
Sample #3 5.1760 (0.0010) 9.8720 (0.0150)
Sample #4 5.1770 (0.0050) 9.8820 (0.0170)
Avg % Abs 5.1787 (0.0053) 9.8820 (0.0213)
STD DEV 0.0038 (0.0045) 0.0100 (0.0093)
REL STD DEV 0.073 (84.548) 0.101 (43.554)

TITUSVILLE PD
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001649
 03/24/2023 08:37:46

Auto Calibration

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<<<<<      3um      >>>>>
-----
Zero Order Coef   -379.91
First Order Coef  2691.90
Second Order Coef  26.57
  
```

```

<<<<<      9um      >>>>>
-----
                -181.19
                1331.08
                13.37
  
```

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-----
Act      Fit      Residual
(g/210L) (g/210L) (g/210L)
0.000    0.000    -0.0003
0.040    0.040     0.0001
0.100    0.099     0.0007
0.200    0.201    -0.0007
0.300    0.300     0.0003
-----
  
```

```

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

```

<<<<<      3um      >>>>>
-----
Solution = 0.080 g/210L or 0.3810 mg/l, Samples = 4, Discarded = 1
Sample
Sample #1          2672.00          3208.00
Sample #2          2754.00          3200.00
Sample #3          2731.00          3199.00
Sample #4          2721.00          3195.00
Avg                2735.3333          3198.0000
STD DEV            16.9214           2.6458
REL STD DEV        0.619           0.083
H2O adjust (mg/l*10k) 1074           611
  
```

Barometric Pressure = 1016

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

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:02
Control Test	0.049	10:02
Air Blank	0.000	10:03
Control Test	0.048	10:04
Air Blank	0.000	10:04
Control Test	0.049	10:05
Air Blank	0.000	10:05
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	



Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.078	10:08
Air Blank	0.000	10:09
Control Test	0.078	10:09
Air Blank	0.000	10:10
Control Test	0.079	10:11
Air Blank	0.000	10:11
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	



Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.199	10:13
Air Blank	0.000	10:14
Control Test	0.198	10:15
Air Blank	0.000	10:15
Control Test	0.198	10:16
Air Blank	0.000	10:16
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	




Operator's Signature

TITUSVILLE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001649
03/24/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:22
Control Test	0.080	10:22
Air Blank	0.000	10:23
Control Test	0.080	10:23
Air Blank	0.000	10:23
Control Test	0.080	10:24
Air Blank	0.000	10:24
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS



Operator's Signature

Post calibration adjustment
STABILITY CHECKS