



INSTRUMENT PROCESSING SHEET

Florida Department of
Law Enforcement

Agency Hollywood Police Department

S/N 80-001063

Date In 9/23/2020 DI Completion Date 9/24/2020

☐ Ship ☒ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DERR</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: _____		Quality Checks Performed By <u>DERR</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>215</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.179</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.503</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28663</u> ☒ Stability Checks		Flow Calibration Performed By _____ 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)																																							
Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.09.24 14:21:27 -04'00'		<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>SD3967</td> <td>201905A 05/14/2021</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201905B 05/14/2021</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201904D 04/30/2021</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG003005 01/30/2022</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.050	SD3967	201905A 05/14/2021	0.080	SD3968	201905B 05/14/2021	0.200	SD3969	201904D 04/30/2021	0.080 DGS	N/A	AG003005 01/30/2022	Maintenance Performed By <u>DERR</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Replaced printer paper</u> Temperature Checks Performed By <u>DERR</u> ☒ Lab Temp °C <u>23.62C</u> External Digital Therm. ID#: <u>300918</u> ☒ 34°C +/- .2 Serial #: <u>SD3967</u> ☒ 34°C +/- .2 Serial #: <u>SD3968</u> ☒ 34°C +/- .2 Serial #: <u>SD3969</u>																								
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Calibration Adjustment Performed By <u>DERR</u> Barometric Pressure Gauge <u>1012</u> ID # <u>68639</u>		Department Inspection Performed By <u>DERR</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1012</u> Instrument <u>1011</u> Mouth Alcohol Solution Lot # <u>2019B</u> Acetone Stock Solution Lot # <u>2019A</u>																																									
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Notes/Suggested Service: <u>Optical Calibration to bring values closer to nominal.</u>		Attachments ☒ Form 41 ☒ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ 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																																									
		Tech Review / Date <u>09-24-2020</u> <u>Shayla Platt</u> Admin: Review / Date <u>11-23-2020</u> <u>Shayla Platt</u>																																									



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 80-001063, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001063</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>HOLLYWOOD PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>09/24/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>06:12</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. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses 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.

FDLE/ATP Form 69 April 2020
Issuing Authority: Alcohol Testing Program

09/24/2020

Date

David Reyes-Rivera

DAVID E REYES-RIVERA,
Department Inspector

Service • Integrity • Respect • Quality

Page 1 of 1

2020.09.24
14:16:12
-04'00'

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HOLLYWOOD PD
Time of Inspection: 06:12

Date of Inspection: 09/24/2020

Serial Number: 80-001063
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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG003005 Exp: 01/30/2022
0.000	0.047	0.077	0.194	0.079
0.000	0.048	0.077	0.195	0.080
0.000	0.048	0.077	0.195	0.079
0.000	0.049	0.077	0.194	0.079
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0.000	0.048	0.077	0.195	0.080
0.000	0.048	0.077	0.195	0.080

Standard Deviations	0.0004	0.0000	0.0005	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:

DS

CR 2020.09.
24
14:16:48
-04'00'

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.

David Reyes Rivera DAVID E REYES-RIVERA
Signature and Printed Name

09/24/2020
Date

008

Type of Test	Serial Number	Agency	Date	Performed By
2 nd Post Stabilities	80-001063	Hollywood Police Department	9/24/2020	DERR <i>lll</i>

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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
HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/24/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 03:36 Control Test 0.047 03:37 Air Blank 0.000 03:37 Control Test 0.047 03:38 Air Blank 0.000 03:38 Control Test 0.047 03:39 Air Blank 0.000 03:40 Control Test Stats Average 0.0470 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature <i>Dee</i>	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/24/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 03:41 Control Test 0.076 03:41 Air Blank 0.000 03:42 Control Test 0.076 03:42 Air Blank 0.000 03:43 Control Test 0.076 03:44 Air Blank 0.000 03:44 Control Test Stats Average 0.0760 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature <i>Dee</i>	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/24/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 03:45 Control Test 0.193 03:46 Air Blank 0.000 03:46 Control Test 0.193 03:47 Air Blank 0.000 03:47 Control Test 0.194 03:48 Air Blank 0.000 03:49 Control Test Stats Average 0.1933 Std Dev 0.0006 Rel Std Dev(%) 0.2986 Operator's Signature <i>Dee</i>	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/24/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 03:50 Control Test 0.079 03:50 Air Blank 0.000 03:50 Control Test 0.081 03:51 Air Blank 0.000 03:51 Control Test 0.080 03:51 Air Blank 0.000 03:52 Control Test Stats Average 0.0800 Std Dev 0.0010 Rel Std Dev(%) 1.2500 Operator's Signature <i>Dee</i>

SN 80-001063
02:36:23
HOLLYWOOD PD
Intoxilyzer - Alcohol Analyzer
Model 8000
09/24/2020
Auto Calibration
Max Power Res Value = 80
Auto Range Res Value = 48

Sample % Abs (% Abs Ref)
Sample #1 = 1.5560 (0.00500)
Sample #2 = 1.5550 (0.00600)
Sample #3 = 1.5620 (0.02500)
Sample #4 = 1.5520 (0.04200)
Avg % Abs = 1.5563 (0.0243)
STD DEV = 0.0051 (0.0180)
REL STD DEV = 0.330 (74.011)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12909, Sum Io = 13950
Sum Io = 12952, Sum Io = 13971
Sample % Abs (% Abs Ref)
Sample #1 = 1.9980 (0.0150)
Sample #2 = 1.9870 (0.00300)
Sample #3 = 1.9850 (0.0260)
Sample #4 = 1.9760 (0.0760)
Avg % Abs = 1.9827 (0.0350)
STD DEV = 0.0059 (0.0373)
REL STD DEV = 0.296 (106.637)

Sample % Abs (% Abs Ref)
Sample #1 = 3.6840 (0.0000)
Sample #2 = 3.6770 (0.0000)
Sample #3 = 3.6620 (0.0090)
Sample #4 = 3.6940 (0.0210)
Avg % Abs = 3.6843 (0.0100)
STD DEV = 0.0087 (0.0105)
REL STD DEV = 0.237 (105.357)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12896, Sum Io = 13943
Sample % Abs (% Abs Ref)
Sample #1 = 3.8070 (0.0310)
Sample #2 = 3.7860 (0.0030)
Sample #3 = 3.7900 (0.0400)
Sample #4 = 3.7920 (0.0300)
Avg % Abs = 3.7900 (0.0243)
STD DEV = 0.0020 (0.0191)
REL STD DEV = 0.053 (78.657)

Optical Calibration	
SN:	80-001063
Agency:	Hollywood PD
Date:	09/24/2020
Quadratic Fit: +/- 0.002g/210L	
By:	DERR

Sample % Abs (% Abs Ref)
Sample #1 = 7.0760 (0.0210)
Sample #2 = 7.0710 (0.00300)
Sample #3 = 7.0750 (0.00700)
Sample #4 = 7.0540 (0.0240)
Avg % Abs = 7.0667 (0.0093)
STD DEV = 0.0112 (0.0137)
REL STD DEV = 0.158 (146.254)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12885, Sum Io = 13937
Sample % Abs (% Abs Ref)
Sample #1 = 5.5130 (0.0420)
Sample #2 = 5.5200 (0.0020)
Sample #3 = 5.5090 (0.0010)
Sample #4 = 5.5030 (0.0300)
Avg % Abs = 5.5107 (0.0097)
STD DEV = 0.0086 (0.0177)
REL STD DEV = 0.156 (182.824)

Sample % Abs (% Abs Ref)
Sample #1 = 10.1970 (0.0160)
Sample #2 = 10.1790 (0.0280)
Sample #3 = 10.1850 (0.0251)
Sample #4 = 10.1760 (0.0341)
Avg % Abs = 10.1800 (0.0290)
STD DEV = 0.0046 (0.0046)
REL STD DEV = 0.045 (15.802)

Sol Value = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -108.62
First Order Coef = 1262.47
Second Order Coef = 14.78
Standard Deviation = 19.766481

Sol Value = 0.00 Rel Std Dev = 0.05
Zero Order Coef = -108.62
First Order Coef = 1262.47
Second Order Coef = 14.78
Standard Deviation = 19.766481

Sample % Abs (% Abs Ref)
Sample #1 = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.126
Std Dev = 0.01 Rel Std Dev = 10.18
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.866
Std Dev = 0.01 Rel Std Dev = 1.60
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.993
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.790
Std Dev = 0.00 Rel Std Dev = 0.05
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.511
Std Dev = 0.01 Rel Std Dev = 0.16
Zero Order Coef = -296.98
First Order Coef = 2491.84
Second Order Coef = 27.74
Standard Deviation = 19.097570

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1
Sample #1 = 3002.00
Sample #2 = 3012.00
Sample #3 = 3019.00
Sample #4 = 3143.00
Average Result = 3058.0000
STD DEV = 73.6953
REL STD DEV = 2.410

Sample #1 = 3411.00
Sample #2 = 3424.00
Sample #3 = 3436.00
Sample #4 = 3479.00
Average Result = 3446.3333
STD DEV = 28.9194
REL STD DEV = 0.839

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1012
3 um H2O Adjust (mg/l*10,000) = 751
9 um H2O Adjust (mg/l*10,000) = 363
**** AUTO CAL PASS

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02

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001063	Hollywood Police Department	9/23/2020	DERR

0.05g/210L	0.08g/210L	0.20g/210L	0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/23/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 10:24 Control Test 0.046 10:25 Air Blank 0.000 10:25 Control Test 0.045 10:26 Air Blank 0.000 10:26 Control Test 0.046 10:27 Air Blank 0.000 10:28 Control Test Stats Average 0.0457 Std Dev 0.0006 Rel Std Dev(%) 1.2643 Operator's Signature	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/23/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 10:29 Control Test 0.076 10:29 Air Blank 0.000 10:30 Control Test 0.076 10:30 Air Blank 0.000 10:31 Control Test 0.076 10:32 Air Blank 0.000 10:32 Control Test Stats Average 0.0760 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/23/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 10:33 Control Test 0.191 10:34 Air Blank 0.000 10:34 Control Test 0.191 10:35 Air Blank 0.000 10:36 Control Test 0.192 10:36 Air Blank 0.000 10:37 Control Test Stats Average 0.1913 Std Dev 0.0006 Rel Std Dev(%) 0.3018 Operator's Signature	HOLLYWOOD PD Intoxilyzer - Alcohol Analyzer Model 8000 09/23/2020 Software: 8100.27 SN 80-001063 Test g/210L Time Air Blank 0.000 10:38 Control Test 0.080 10:38 Air Blank 0.000 10:39 Control Test 0.080 10:39 Air Blank 0.000 10:40 Control Test 0.080 10:40 Air Blank 0.000 10:40 Control Test Stats Average 0.0800 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature

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24
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