



INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department

S/N 80-000884

Florida Department of
Law Enforcement

Date In 9/30/2020

DI Completion Date 10/1/2020

☒ 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>118</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.105</u> (.139 - .169) 36 mm <u>0.125</u> (.156 - .190) 53 mm <u>0.195</u> (.228 - .278) 103 mm <u>0.480</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28663</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <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	Flow Calibration Performed By <u>DERR</u> Flow Column # <u>ATP106</u> ☒ 5L/min - 17mm ☒ 15L/min - 53mm ☒ 30L/min - 103mm ☒ R-Value <u>114</u> ☒ Post Calibration Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.160</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>DERR</u> ☒ Lab Temp °C <u>23.37C</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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Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.10.01 14:18:40 -04'00'	Calibration Adjustment Performed By _____ Barometric Pressure Gauge _____ ID # _____ <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</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 Number</th> <th>Lot Number</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 Number	Lot Number	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial Number	Lot Number	Expiration	0.050				0.080				0.200				0.080 DGS	N/A		
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Notes/Suggested Service: <u>Calibrated flow to bring the values closer to nominal.</u> 	Department Inspection Performed By <u>DERR</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1014</u> Instrument <u>1014</u> Mouth Alcohol Solution Lot # <u>2019B</u> Acetone Stock Solution Lot # <u>2019A</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>SD3965</td> </tr> <tr> <td>Interferent</td> <td>SD3966</td> </tr> <tr> <td>0.050</td> <td>SD3967</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> </tr> </tbody> </table> 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 <u>Michael D. Hughes</u> 2020.10.01 12:36:52 -04'00' <u>SR</u> 2020.10.01 14:15:54 Tech Review / Date _____ Admin Review / Date _____		Simulator	Serial Number	0.000	SD3965	Interferent	SD3966	0.050	SD3967	0.080	SD3968	0.200	SD3969																																				
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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 80-000884, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000884</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>MIAMI-DADE PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/01/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>08:47</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.

10/01/2020

Date

David Lopez Reyes-Rivera
DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 April 2020

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

MX

2020.10.01
14:16:13
-04'00'

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD

Time of Inspection: 08:47

Date of Inspection: 10/01/2020

Serial Number: 80-000884

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	0.049	0.079	0.197	0.079 / 0.079
0.000	0.049	0.079	0.197	0.079 / 0.079
0.000	0.049	0.079	0.197	0.078 / 0.078
0.000	0.050	0.079	0.198	0.078 / 0.078
0.000	0.050	0.079	0.198	0.078 / 0.078
0.000	0.050	0.079	0.198	0.077 / 0.078
0.000	0.049	0.080	0.197	0.078 / 0.078
0.000	0.050	0.080	0.198	0.077 / 0.078
0.000	0.050	0.079	0.198	INT / 0.077
0.000	0.050	0.080	0.197	/ 0.078

Standard Deviations	0.0005	0.0004	0.0005	/ 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:

08: Interferent DetectUNKNOWN CONDITIONS.

MX
2020.10.
01
14:16:40
-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 E Reyes-Rivera DAVID E REYES-RIVERA
Signature and Printed Name

10/01/2020
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000884	Miami-Dade Police Department	10/1/2020	DERR <i>HEK</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 ☒																																																																																																																																																
MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 10/01/2020 Software: 8100.27 SN 80-000884 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>06:54</td></tr><tr><td>Control Test</td><td>0.047</td><td>06:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:55</td></tr><tr><td>Control Test</td><td>0.048</td><td>06:56</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:57</td></tr><tr><td>Control Test</td><td>0.048</td><td>06:57</td></tr><tr><td>Air Blank</td><td>0.000</td><td>06:58</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0477</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.2112</td><td></td></tr></tbody></table> Operator's Signature <i>HEK</i>	Test	g/210L	Time	Air Blank	0.000	06:54	Control Test	0.047	06:55	Air Blank	0.000	06:55	Control Test	0.048	06:56	Air Blank	0.000	06:57	Control Test	0.048	06:57	Air Blank	0.000	06:58	Control Test Stats			Average	0.0477		Std Dev	0.0006		Rel Std Dev(%)	1.2112		MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 10/01/2020 Software: 8100.27 SN 80-000884 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>06:59</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:00</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:00</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:01</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:02</td></tr><tr><td>Control Test</td><td>0.079</td><td>07:02</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:03</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0787</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7359</td><td></td></tr></tbody></table> Operator's Signature <i>HEK</i>	Test	g/210L	Time	Air Blank	0.000	06:59	Control Test	0.078	07:00	Air Blank	0.000	07:00	Control Test	0.079	07:01	Air Blank	0.000	07:02	Control Test	0.079	07:02	Air Blank	0.000	07:03	Control Test Stats			Average	0.0787		Std Dev	0.0006		Rel Std Dev(%)	0.7359		MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 10/01/2020 Software: 8100.27 SN 80-000884 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>07:04</td></tr><tr><td>Control Test</td><td>0.195</td><td>07:05</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:05</td></tr><tr><td>Control Test</td><td>0.196</td><td>07:06</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:07</td></tr><tr><td>Control Test</td><td>0.197</td><td>07:07</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:08</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1960</td><td></td></tr><tr><td>Std Dev</td><td>0.0010</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.5102</td><td></td></tr></tbody></table> Operator's Signature <i>HEK</i>	Test	g/210L	Time	Air Blank	0.000	07:04	Control Test	0.195	07:05	Air Blank	0.000	07:05	Control Test	0.196	07:06	Air Blank	0.000	07:07	Control Test	0.197	07:07	Air Blank	0.000	07:08	Control Test Stats			Average	0.1960		Std Dev	0.0010		Rel Std Dev(%)	0.5102		MIAMI-DADE PD Intoxilyzer - Alcohol Analyzer Model 8000 10/01/2020 Software: 8100.27 SN 80-000884 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>07:09</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:09</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:10</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:10</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:11</td></tr><tr><td>Control Test</td><td>0.078</td><td>07:11</td></tr><tr><td>Air Blank</td><td>0.000</td><td>07:11</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0780</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></tbody></table> Operator's Signature <i>HEK</i>	Test	g/210L	Time	Air Blank	0.000	07:09	Control Test	0.078	07:09	Air Blank	0.000	07:10	Control Test	0.078	07:10	Air Blank	0.000	07:11	Control Test	0.078	07:11	Air Blank	0.000	07:11	Control Test Stats			Average	0.0780		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000884
10/01/2020
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SQRT(Diff) = 5.656
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.043
3: Rate (Liters/min) = 30
SQRT(Diff) = 20.734
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 643
Rounded Intercept = -385814
Correlation = 0.99883

MX

2020.10.
01
14:17:32
-04'00"

Flow Calibration	
SN:	80-000884
Agency:	Miami-Dade PD
Date:	10/1/2020
By:	DERR <i>[Signature]</i>

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: MIAMI-DADE PD

Time of Inspection: 06:38

Date of Inspection: 10/01/2020

Serial Number: 80-000884

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:

COMPLIANCE NOT DETERMINED, AI BYPASSED

MX

2020.10.
01
14:18:01
-04'00'

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.

David E Reyes-Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

10/01/2020
Date