



INSTRUMENT PROCESSING SHEET

Agency Broward County SO

S/N 80-007108

Florida Department of
Law Enforcement

Date In 06/03/2019

DI Completion Date 06/10/2019

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>MDH</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: <u>Not holding date.</u> <u>Needs new battery.</u>	Quality Checks Performed By <u>MDH</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>203</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.183</u> (.156 - .190) 53 mm <u>0.250</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td>MP4863</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>MP5097</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG831804 11/14/20</td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201707D 07/25/2019	0.080	MP4864	201707E 07/25/2019	0.200	MP5097	201707C 07/24/2019	0.080 DGS	N/A	AG831804 11/14/20	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)																																													
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Final Release Date FDLE JUN 17 2019 Alcohol Testing Program	Maintenance Performed By <u>SP</u> ☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>MDH</u> ☒ Lab Temp °C <u>22.63</u> External Digital Therm. ID#: <u>300918</u> ☒ 34°C +/- .2 Serial #: <u>MP4863</u> ☒ 34°C +/- .2 Serial #: <u>MP4864</u> ☒ 34°C +/- .2 Serial #: <u>MP5097</u>																																																													
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Notes/Suggested Service: <u>E-mailed</u> ☒ APPROVED <u>6/11/19</u>	☒ 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>Poon 6/12/19</u> Tech Review / Date <u>[Signature]</u> <u>6/17/19</u> Admin Review / Date																																																													

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 14:44

Date of Inspection: 06/10/2019

Serial Number: 80-007108
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG831804 Exp: 11/14/2020
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.080
0.000	0.048	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.079
0.000	0.049	0.080	0.198	0.078
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0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078

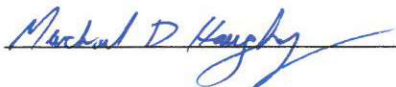
Standard Deviations	0.0004	0.0005	0.0003	0.0006
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



MICHAEL D HAUGHEY

Signature and Printed Name

06/10/2019
Date

6/17/19
22

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007108	Broward County SO	06/10/2019	MDH

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD1014 Temp: 34.08c	SN: SD1015 Temp: 34.08c	SN: SD1017 Temp: 34.09c	Lot AG715202																																																																																																																																																
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒																																																																																																																																																
BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 06/10/2019 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:54</td></tr><tr><td>Control Test</td><td>0.049</td><td>12:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:55</td></tr><tr><td>Control Test</td><td>0.049</td><td>12:56</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:57</td></tr><tr><td>Control Test</td><td>0.048</td><td>12:57</td></tr><tr><td>Air Blank</td><td>0.000</td><td>12:58</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0487</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.1863</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	12:54	Control Test	0.049	12:55	Air Blank	0.000	12:55	Control Test	0.049	12:56	Air Blank	0.000	12:57	Control Test	0.048	12:57	Air Blank	0.000	12:58	Control Test Stats			Average	0.0487		Std Dev	0.0006		Rel Std Dev(%)	1.1863		BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 06/10/2019 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>12:59</td></tr><tr><td>Control Test</td><td>0.079</td><td>13:00</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:01</td></tr><tr><td>Control Test</td><td>0.080</td><td>13:01</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:02</td></tr><tr><td>Control Test</td><td>0.079</td><td>13:02</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:03</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0793</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7277</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	12:59	Control Test	0.079	13:00	Air Blank	0.000	13:01	Control Test	0.080	13:01	Air Blank	0.000	13:02	Control Test	0.079	13:02	Air Blank	0.000	13:03	Control Test Stats			Average	0.0793		Std Dev	0.0006		Rel Std Dev(%)	0.7277		BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 06/10/2019 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>13:04</td></tr><tr><td>Control Test</td><td>0.195</td><td>13:05</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:05</td></tr><tr><td>Control Test</td><td>0.198</td><td>13:06</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:06</td></tr><tr><td>Control Test</td><td>0.198</td><td>13:07</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:08</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1963</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2911</td><td></td></tr></table>	Test	g/210L	Time	Air Blank	0.000	13:04	Control Test	0.195	13:05	Air Blank	0.000	13:05	Control Test	0.198	13:06	Air Blank	0.000	13:06	Control Test	0.198	13:07	Air Blank	0.000	13:08	Control Test Stats			Average	0.1963		Std Dev	0.0006		Rel Std Dev(%)	0.2911		BROWARD COUNTY SO Intoxilyzer - Alcotest Analyzer Model 8000 06/10/2019 Software: 8100.27 <table><tr><th>Test</th><th>g/210L</th><th>Time</th></tr><tr><td>Air Blank</td><td>0.000</td><td>13:09</td></tr><tr><td>Control Test</td><td>0.080</td><td>13:09</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:10</td></tr><tr><td>Control Test</td><td>0.080</td><td>13:10</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:10</td></tr><tr><td>Control Test</td><td>0.080</td><td>13:11</td></tr><tr><td>Air Blank</td><td>0.000</td><td>13:11</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0800</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></table>	Test	g/210L	Time	Air Blank	0.000	13:09	Control Test	0.080	13:09	Air Blank	0.000	13:10	Control Test	0.080	13:10	Air Blank	0.000	13:10	Control Test	0.080	13:11	Air Blank	0.000	13:11	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel Std Dev(%)	0.0000	
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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 80-007108, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007108</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>06/10/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:44</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 ($k=3$).

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.

06/10/2019

Date

MICHAEL D HAUGHEY,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

6/17/19
22
DGM



INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office

S/N 80-007108

Florida Department of
Law Enforcement

Date In 02/15/2018 DI Completion Date 02/18/2019

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>MDH</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: Instrument returned from CMI _____ _____ Final Release Date FDLE FEB 26 2019 Alcohol Testing Program	Quality Checks Performed By <u>DEAL</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>196</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 106</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.518</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>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	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) Maintenance Performed By <u>DEAL</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Forms load/Changed pass</u> Temperature Checks Performed By <u>DEAL</u> ☒ Lab Temp °C <u>21.97C</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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Notes/Suggested Service: <u>E-mailed</u> APPROVED Instrument returned from CMI, fresh set of Quality checks were done on 2/18/2019. Calibration adjustment to bring values closer to nominal. Approved date 2/18/2019 DERR Digitally signed by DERR Date: 2020.05.27 08:40:48 -04'00'	☒ 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>Pgm 2/25/19</u> Tech Review / Date <u>Jy Derr</u> <u>2/26/19</u> Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 13:07

Date of Inspection: 02/18/2019

Serial Number: 80-007108
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078

Standard Deviations	0.0003	0.0003	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:

(Rpm)

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

02/18/2019
Date

2/26/19
20

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007108	Broward County Sheriff's Office	02/18/2019	<i>Dee</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C 0.047 to 0.053	SN: SD3968 Temp: 34.06C 0.077 to 0.083	SN: SD3969 Temp: 34.07C 0.194 to 0.206	Lot AG805701 0.077 to 0.083
BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007108 02/18/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007108 02/18/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007108 02/18/2019 Software: 8100.27	BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007108 02/18/2019 Software: 8100.27
Test g/210L Time	Test g/210L Time	Test g/210L Time	Test g/210L Time
Air Blank 0.000 08:20	Air Blank 0.000 08:25	Air Blank 0.000 08:30	Air Blank 0.000 08:35
Control Test 0.047 08:21	Control Test 0.078 08:26	Control Test 0.193 08:30	Control Test 0.079 08:35
Air Blank 0.000 08:22	Air Blank 0.000 08:26	Air Blank 0.000 08:31	Air Blank 0.000 08:36
Control Test 0.047 08:22	Control Test 0.078 08:27	Control Test 0.194 08:32	Control Test 0.079 08:36
Air Blank 0.000 08:23	Air Blank 0.000 08:28	Air Blank 0.000 08:32	Air Blank 0.000 08:37
Control Test 0.048 08:23	Control Test 0.079 08:28	Control Test 0.195 08:33	Control Test 0.079 08:37
Air Blank 0.000 08:24	Air Blank 0.000 08:29	Air Blank 0.000 08:33	Air Blank 0.000 08:37
Control Test Stats	Control Test Stats	Control Test Stats	Control Test Stats
Average 0.0473	Average 0.0783	Average 0.1940	Average 0.0790
Std Dev 0.0006	Std Dev 0.0006	Std Dev 0.0010	Std Dev 0.0000
Rel Std Dev(%) 1.2138	Rel Std Dev(%) 0.7370	Rel Std Dev(%) 0.5155	Rel Std Dev(%) 0.0000
Dee Operator's Signature	Dee Operator's Signature	Dee Operator's Signature	Dee Operator's Signature

2/26/19
Dee
Dee
Dee



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 80-007108, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007108</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/18/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:07</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 ($k=3$).

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 July 2018

Issuing Authority: Alcohol Testing Program

02/18/2019

Date

David Reyes-Rivera
DAVID E REYES-RIVERA,
Department Inspector

Service • Integrity • Respect • Quality

Page 1 of 1

2/26/19
ce

Samples Taken = 4, Discarded = 1
3um lo = 12558, 9um lo = 13097

***** CHANNEL 1 *****

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8060	(-0.1000)
Sample #2 =	0.8700	(-0.0180)
Sample #3 =	0.8430	(0.0240)
Sample #4 =	0.8190	(0.0330)
Avg. % Abs =	0.8440	(0.0130)
STO DEV =	0.0255	(0.0272)
REL STD DEV =	3.023	(2.015 395)

Auto Calibration

Max Power Res Value = 73

Auto Range Res Value = 52

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12550, Sum Io = 13091

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.0690 (0.0100)

Sample #2 = 0.0690 (0.0260)

Sample #3 = 0.1290 (0.0220)

Sample #4 = 0.0670 (0.0680)

Avg % Abs = 0.0883 (0.0387)

STD DEV = 0.0352 (0.0255)

REL STD DEV = 39.886 (65.902)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.1160 (-0.0020)

Sample #2 = 0.1120 (0.0020)

Sample #3 = 0.1560 (-0.0110)

Sample #4 = 0.1220 (0.0150)

Avg % Abs = 0.1300 (0.0020)

STD DEV = 0.0231 (0.0130)

REL STD DEV = 17.742 (650.000)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12539, Sum Io = 13089

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.8130 (0.0000)

Sample #2 = 0.8230 (0.0060)

Sample #3 = 0.8130 (0.0240)

Sample #4 = 0.8800 (0.0050)

Avg % Abs = 0.8387 (0.0117)

STD DEV = 0.0361 (0.0107)

REL STD DEV = 4.310 (91.652)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 6.8510 (-0.0120)

Sample #2 = 6.8430 (0.0190)

Sample #3 = 6.8180 (0.0440)

Sample #4 = 6.8130 (0.0490)

Avg % Abs = 6.8247 (0.0373)

STD DEV = 0.0161 (0.0161)

REL STD DEV = 0.236 (43.052)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12527, Sum Io = 13081

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 5.2170 (0.0080)

Sample #2 = 5.3200 (-0.0040)

Sample #3 = 5.2940 (0.0300)

Sample #4 = 5.2540 (0.0300)

Avg % Abs = 5.2893 (0.0187)

STD DEV = 0.0332 (0.0196)

REL STD DEV = 0.629 (105.161)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 9.6770 (-0.0070)

Sample #2 = 9.7650 (0.0040)

Sample #3 = 9.7330 (0.0130)

Sample #4 = 9.7010 (0.0150)

Avg % Abs = 9.7330 (0.0107)

STD DEV = 0.0320 (0.0059)

REL STD DEV = 0.329 (54.932)

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.088

Std Dev = 0.04 Rel Std Dev = 39.89

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.839

Std Dev = 0.04 Rel Std Dev = 4.31

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.936

Std Dev = 0.04 Rel Std Dev = 2.01

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.684

Std Dev = 0.03 Rel Std Dev = 0.89

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.289

Std Dev = 0.03 Rel Std Dev = 0.63

Zero Order Coef = -199.62

First Order Coef = 2445.53

Second Order Coef = 54.96

Standard Deviation = 23.166584

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.130

Std Dev = 0.02 Rel Std Dev = 17.74

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.550

Std Dev = 0.02 Rel Std Dev = 1.19

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.581

Std Dev = 0.02 Rel Std Dev = 0.44

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.825

Std Dev = 0.02 Rel Std Dev = 0.24

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.733

Std Dev = 0.03 Rel Std Dev = 0.33

Zero Order Coef = -151.06

First Order Coef = 1291.03

Second Order Coef = 19.56

Standard Deviation = 33.326351

Optical Calibration 4

SN: 80-007108

Agency: Broward County S.O.

Date: 02/18/2019

Quadratic Fit: +/-0.002g/210L

By: *Full*

Solution Stats Quadratic Fit Chan 2

Act g/210L

Fit g/210L

Residual g/210L

0.000 0.000 -0.0004

0.040 0.040 0.0002

0.100 0.099 0.0008

0.200 0.201 -0.0010

0.300 0.300 0.0004

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

<<<< CHANNEL 1 >>>>

Sample #1 = 2829.00

Sample #2 = 2793.00

Sample #3 = 2838.00

Sample #4 = 2826.00

Average Result = 2819.0000

STD DEV = 23.3024

REL STD DEV = 0.827

<<<< CHANNEL 2 >>>>

Sample #1 = 3207.00

Sample #2 = 3217.00

Sample #3 = 3215.00

Sample #4 = 3215.00

Average Result = 3215.6667

STD DEV = 1.1547

REL STD DEV = 0.026

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1019

3 um H2O Adjust (mg/l x 10.000) = 990

9 um H2O Adjust (mg/l x 10.000) = 594

<<<< AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-007108	Broward County Sheriff's Office	02/18/2019	<i>Dee</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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Return Material Authorization

Ship to:

☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: TJ Graham on 1/7/2019

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007108

Bill To Address:

Warranty Repair (New Instrument)

Ship to Address:

FDLE - Alcohol Testing Program

813-B Lake Bradford Road

Tallahassee, FL 32304

Reason for Return:

Instrument will not pass calibration adjustment procedure. During the procedure, an ambient
fail message is obtained when analyzing a dry gas standard. I believe the issue is due to a
leaking regulator. I can hear a "hissing" noise when a dry gas cylinder is attached to the
regulator.

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: TJ Graham

Phone #: 850-617-1285 Email: thomasgraham@fdle.state.fl.us

ATP Contact Name: TJ Graham ATP Email: thomasgraham@fdle.state.fl.us

2/26/19
ee

80-007108

Calibration #1
Adjustment

11/7/19
SD

page 1 of 2

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.151
Std Dev = 0.04 Rel Std Dev = 24.85
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.858
Std Dev = 0.00 Rel Std Dev = 0.24
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.999
Std Dev = 0.01 Rel Std Dev = 0.62
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.636
Std Dev = 0.02 Rel Std Dev = 0.50
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.365
Std Dev = 0.03 Rel Std Dev = 0.47
Zero Order Coef = -398.54
First Order Coef = 2598.13
Second Order Coef = 27.11
Standard Deviation = 96.907028

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.224
Std Dev = 0.02 Rel Std Dev = 8.12
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.596
Std Dev = 0.01 Rel Std Dev = 0.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.639
Std Dev = 0.00 Rel Std Dev = 0.00
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.750
Std Dev = 0.00 Rel Std Dev = 0.04
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.815
Std Dev = 0.02 Rel Std Dev = 0.20
Zero Order Coef = -315.55
First Order Coef = 1363.67
Second Order Coef = 12.80
Standard Deviation = 39.135719

Solution Stats Quadratic Fit Chan 1			
Act	Fit	Residual	
g/210L	g/210L	g/210L	
0.000	-0.000	0.0001	
0.040	0.039	0.0012	
0.100	0.103	-0.0030	
0.200	0.198	0.0024	
0.300	0.301	-0.0007	

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5820 (0.0000)
Sample #2 = 1.5820 (0.0000)
Sample #3 = 1.5990 (-0.0020)
Sample #4 = 1.6080 (0.0040)
Avg % Abs = 1.5963 (0.0007)
STD DEV = 0.0132 (0.0031)
REL STD DEV = 0.827 (458.258)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12440, Sum Io = 13081

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9600 (-0.0150)
Sample #2 = 2.0130 (-0.0120)
Sample #3 = 1.9920 (-0.0170)
Sample #4 = 1.9910 (-0.0260)
Avg % Abs = 1.9987 (0.0103)
STD DEV = 0.0124 (0.0199)
REL STD DEV = 0.622 (192.173)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6080 (-0.0030)
Sample #2 = 3.6390 (-0.0010)
Sample #3 = 3.6390 (-0.0040)
Sample #4 = 3.6390 (-0.0120)
Avg % Abs = 3.6390 (0.0023)
STD DEV = 0.0000 (0.0085)
REL STD DEV = 0.000 (364.496)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12429, Sum Io = 13078

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6310 (-0.0110)
Sample #2 = 3.6240 (0.0120)
Sample #3 = 3.6570 (-0.0050)
Sample #4 = 3.6280 (0.0240)
Avg % Abs = 3.6363 (0.0103)
STD DEV = 0.0180 (0.0146)
REL STD DEV = 0.495 (141.016)

BROWARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/07/2019
07:50:31

Auto Calibration
Max Power Res Value = 73
Auto Range Res Value = 51

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12460, Sum Io = 13094

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1800 (-0.0120)
Sample #2 = 0.1940 (-0.0020)
Sample #3 = 0.1230 (0.0450)
Sample #4 = 0.1370 (0.0570)
Avg % Abs = 0.1513 (0.0333)
STD DEV = 0.0376 (0.0312)
REL STD DEV = 24.851 (93.547)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.2530 (0.0030)
Sample #2 = 0.2450 (0.0140)
Sample #3 = 0.2140 (0.0530)
Sample #4 = 0.2130 (0.0460)
Avg % Abs = 0.2240 (0.0377)
STD DEV = 0.0182 (0.0208)
REL STD DEV = 8.122 (55.202)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12447, Sum Io = 13084

<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8600 (-0.0010)
Sample #2 = 0.8600 (0.0120)
Sample #3 = 0.8560 (0.0270)
Sample #4 = 0.8570 (0.0470)
Avg % Abs = 0.8577 (0.0287)
STD DEV = 0.0021 (0.0176)
REL STD DEV = 0.243 (61.254)

2/26/19
SD

1/7/19
 JJ

80-007108

1/2

Calibration

Adjustment #1

page 2 of 2

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	0.0002
0.100	0.101	-0.0011
0.200	0.199	0.0011
0.300	0.300	-0.0003

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -252.00
 Sample #2 = -275.00
 Sample #3 = -189.00
 Sample #4 = -245.00
 Average Result = -236.3333
 STD DEV = 43.6501
 REL STD DEV = 18.470

***** CHANNEL 2

Sample #1 = -158.00
 Sample #2 = -104.00
 Sample #3 = -105.00
 Sample #4 = -88.00
 Average Result = -99.0000
 STD DEV = 9.5394
 REL STD DEV = 9.636

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -275.00
 Sample #2 = -211.00
 Sample #3 = -201.00
 Sample #4 = -219.00
 Average Result = -210.3333
 STD DEV = 9.0185
 REL STD DEV = 4.288

***** CHANNEL 2

Sample #1 = -106.00
 Sample #2 = -69.00
 Sample #3 = -45.00
 Sample #4 = -61.00
 Average Result = -58.3333
 STD DEV = 12.2202
 REL STD DEV = 20.949

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -245.00
 Sample #2 = -208.00
 Sample #3 = -245.00
 Sample #4 = -242.00
 Average Result = -231.6667
 STD DEV = 20.5508
 REL STD DEV = 8.871

***** CHANNEL 2

Sample #1 = -89.00
 Sample #2 = -36.00
 Sample #3 = -87.00
 Sample #4 = -111.00
 Average Result = -78.0000
 STD DEV = 38.3014
 REL STD DEV = 49.104

**** AUTO CAL FAIL

Ambient Fail

during dry gas.

Calibration adjustment
 will be repeated.

1/7/19
 JJ

2/26/19
 JJ



INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office

S/N 80-007108

Florida Department of
Law Enforcement

Date In 12/20/2018 DI Completion Date _____

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DELE</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>DELE</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>196</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 106</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.518</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>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	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) Maintenance Performed By <u>DELE</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Forms load/Changed pass</u> Temperature Checks Performed By <u>DELE</u> ☒ Lab Temp °C <u>21.91C</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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Stabilities	80-007108	Broward County Sheriff's Office	01/02/2019	<i>Dee</i>

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INSTRUMENT PROCESSING SHEET

Agency Broward County SO

S/N 80-007108

Florida Department of
Law Enforcement

Date In 06/03/2019 DI Completion Date 06/10/2019

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>MDH</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: <u>Not holding date.</u> <u>Needs new battery.</u>	Quality Checks Performed By <u>MDH</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>203</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.183</u> (.156 - .190) 53 mm <u>0.250</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</u> ☒ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> <tr> <td>0.050</td> <td>MP4863</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>MP5097</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG831804 11/14/20</td> </tr> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201707D 07/25/2019	0.080	MP4864	201707E 07/25/2019	0.200	MP5097	201707C 07/24/2019	0.080 DGS	N/A	AG831804 11/14/20	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)																																													
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Final Release Date FDLE JUN 17 2019 Alcohol Testing Program	Maintenance Performed By <u>SP</u> ☒ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>MDH</u> ☒ Lab Temp °C <u>22.63</u> External Digital Therm. ID#: <u>300918</u> ☒ 34°C +/- .2 Serial #: <u>MP4863</u> ☒ 34°C +/- .2 Serial #: <u>MP4864</u> ☒ 34°C +/- .2 Serial #: <u>MP5097</u>																																																													
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 14:44

Date of Inspection: 06/10/2019

Serial Number: 80-007108
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG831804 Exp: 11/14/2020
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.080
0.000	0.048	0.079	0.198	0.079
0.000	0.049	0.079	0.198	0.078
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0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078

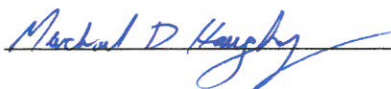
Standard Deviations	0.0004	0.0005	0.0003	0.0006
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



MICHAEL D HAUGHEY

Signature and Printed Name

06/10/2019
Date

6/17/19
22

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007108	Broward County SO	06/10/2019	MDH

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6/17/19
MDH
MDH



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 80-007108, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007108</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>06/10/2019</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>14:44</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 ($k=3$).

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.

06/10/2019

Date

MICHAEL D HAUGHEY,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Ogum
6/17/19
22



INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office

S/N 80-007108

Florida Department of
Law Enforcement

Date In 02/15/2018 DI Completion Date 02/18/2019

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>MDH</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: Instrument returned from CMI _____ _____ Final Release Date FDLE FEB 26 2019 Alcohol Testing Program	Quality Checks Performed By <u>Dee</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>196</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 106</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.518</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>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	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) Maintenance Performed By <u>Dee</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Forms load/Changed pass</u> Temperature Checks Performed By <u>Dee</u> ☒ Lab Temp °C <u>21.97C</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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Notes/Suggested Service: <u>E-mailed</u> ☒ <u>Instrument returned from CMI, fresh set of Quality</u> <u>checks were done on 2/18/2019. Calibration</u> <u>adjustment to bring values closer to nominal.</u> _____ _____ _____	APPROVED ☒ 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>Pgm 2/25/19</u> Tech Review / Date <u>J. Dah</u> <u>2/26/19</u> Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BROWARD COUNTY SO
Time of Inspection: 13:07

Date of Inspection: 02/18/2019

Serial Number: 80-007108
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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG805701 Exp: 02/26/2020
0.000	0.049	0.079	0.198	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.079
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.080	0.198	0.078
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0.000	0.049	0.080	0.199	0.078
0.000	0.050	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078

Standard Deviations	0.0003	0.0003	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:

(Rpm)

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

02/18/2019
Date

2/26/19
20

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007108	Broward County Sheriff's Office	02/18/2019	<i>Dee</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.05C ☒ 0.047 to 0.053 ☒ BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/18/2019 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:20 Control Test 0.047 08:21 Air Blank 0.000 08:22 Control Test 0.047 08:22 Air Blank 0.000 08:23 Control Test 0.046 08:24 Air Blank 0.000 08:24 Control Test Stats Average 0.0473 Std Dev 0.0006 Rel Std Dev(%) 1.2198	SN: SD3968 Temp: 34.06C ☒ 0.077 to 0.083 ☒ BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/18/2019 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:25 Control Test 0.078 08:26 Air Blank 0.000 08:26 Control Test 0.078 08:27 Air Blank 0.000 08:28 Control Test 0.079 08:28 Air Blank 0.000 08:29 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370	SN: SD3969 Temp: 34.07C ☒ 0.194 to 0.206 ☒ BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/18/2019 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:30 Control Test 0.193 08:30 Air Blank 0.000 08:31 Control Test 0.194 08:32 Air Blank 0.000 08:32 Control Test 0.195 08:33 Air Blank 0.000 08:33 Control Test Stats Average 0.1940 Std Dev 0.0010 Rel Std Dev(%) 0.5155	Lot AG805701 0.077 to 0.083 ☒ BROWARD COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 02/18/2019 Software: 8100.27 Test g/210L Time Air Blank 0.000 08:35 Control Test 0.079 08:35 Air Blank 0.000 08:36 Control Test 0.079 08:36 Air Blank 0.000 08:37 Control Test 0.079 08:37 Air Blank 0.000 08:37 Control Test Stats Average 0.0790 Std Dev 0.0000 Rel Std Dev(%) 0.0000
<i>2/26/19</i> <i>Dee</i> Operator's Signature	<i>Dee</i> Operator's Signature	<i>Dee</i> Operator's Signature	<i>Dee</i> Operator's Signature

Dee



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 80-007108, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007108</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>BROWARD COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/18/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:07</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 ($k=3$).

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.

02/18/2019

Date

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

David Reyes-Rivera
DAVID E REYES-RIVERA,
Department Inspector

Service • Integrity • Respect • Quality

BROWARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
SN 80-000
02/18/2019 09:3

Auto Calibration
Max Power Res Value = 73
Auto Range Res Value = 52
Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l ***
Samples Taken = 4, Discarded = 1
Sum lo = 12575, Sum lo = 13103
<<<< CHANNEL 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0000 0.0020

```

Sample #3 = 0.0910 (0.0440)
Sample #4 = 0.1210 (0.0610)
Avg % Abs = 0.0893 (0.0497)
STD DEV = 0.0325 (0.0098)
REL STD DEV = 36.416 (19.762)
-----
<<<< CHANNEL 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1120 (-0.0010)
Sample #2 = 0.0970 (0.0220)

```

Sample #4 = 0.1390 (0.0030)
Avg % Abs = 0.1160 (0.0090)
STD DEV = 0.0213 (0.0113)
REL STD DEV = 18.348 (125.216)

Sol Value = 0.040 g/LiO₂ 0.0005
Fit value = 0.1905 mg/l 0.0002
Samples Taken = 4, Discard = 1
Sum to = 12558, Num to = 13197
<<<<< CHANNEL 1 >>>>>

Sample #1 =	0.8060	(-0.0100)
Sample #2 =	0.8700	(-0.0180)
Sample #3 =	0.8430	(0.0240)
Sample #4 =	0.8190	(0.0330)
Avg % Rbs =	0.8440	(0.0130)
STD DEV =	0.0255	(0.0272)
REL STD DEV =	3.023	(269.355)

Q. 2

Auto Calibration

Max Power Res Value = 73

Auto Range Res Value = 52

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12550, Sum Io = 13091

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.0690 (0.0100)

Sample #2 = 0.0690 (0.0260)

Sample #3 = 0.1290 (0.0220)

Sample #4 = 0.0670 (0.0680)

Avg % Abs = 0.0883 (0.0387)

STD DEV = 0.0352 (0.0255)

REL STD DEV = 39.886 (65.902)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.1160 (-0.0020)

Sample #2 = 0.1120 (0.0020)

Sample #3 = 0.1560 (-0.0110)

Sample #4 = 0.1220 (0.0150)

Avg % Abs = 0.1300 (0.0020)

STD DEV = 0.0231 (0.0130)

REL STD DEV = 17.742 (650.000)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12539, Sum Io = 13089

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.8130 (0.0000)

Sample #2 = 0.8230 (0.0060)

Sample #3 = 0.8130 (0.0240)

Sample #4 = 0.8800 (0.0050)

Avg % Abs = 0.8387 (0.0117)

STD DEV = 0.0361 (0.0107)

REL STD DEV = 4.310 (91.652)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 6.8510 (-0.0120)

Sample #2 = 6.8430 (0.0190)

Sample #3 = 6.8180 (0.0440)

Sample #4 = 6.8130 (0.0490)

Avg % Abs = 6.8247 (0.0373)

STD DEV = 0.0161 (0.0161)

REL STD DEV = 0.236 (43.052)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12527, Sum Io = 13081

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 5.2170 (0.0080)

Sample #2 = 5.3200 (-0.0040)

Sample #3 = 5.2940 (0.0300)

Sample #4 = 5.2540 (0.0300)

Avg % Abs = 5.2893 (0.0187)

STD DEV = 0.0332 (0.0196)

REL STD DEV = 0.629 (105.160)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)

Sample #1 = 9.6770 (-0.0070)

Sample #2 = 9.7650 (0.0040)

Sample #3 = 9.7330 (0.0130)

Sample #4 = 9.7010 (0.0150)

Avg % Abs = 9.7330 (0.0107)

STD DEV = 0.0320 (0.0059)

REL STD DEV = 0.329 (54.932)

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.088

Std Dev = 0.04 Rel Std Dev = 39.89

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.839

Std Dev = 0.04 Rel Std Dev = 4.31

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.936

Std Dev = 0.04 Rel Std Dev = 2.01

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.684

Std Dev = 0.03 Rel Std Dev = 0.89

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.289

Std Dev = 0.03 Rel Std Dev = 0.63

Zero Order Coef = -199.62

First Order Coef = 2445.53

Second Order Coef = 54.36

Standard Deviation = 23.166584

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.130

Std Dev = 0.02 Rel Std Dev = 17.74

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.550

Std Dev = 0.02 Rel Std Dev = 1.19

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.581

Std Dev = 0.02 Rel Std Dev = 0.44

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.825

Std Dev = 0.02 Rel Std Dev = 0.24

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.733

Std Dev = 0.03 Rel Std Dev = 0.33

Zero Order Coef = -151.06

First Order Coef = 1291.03

Second Order Coef = 19.56

Standard Deviation = 33.326351

Optical Calibration 4

SN: 80-007108

Agency: Broward County S.O.

Date: 02/18/2019

Quadratic Fit: +/-0.002g/210L

By: *Full*

Solution Stats Quadratic Fit Chan 2

Act g/210L

Fit g/210L

Residual g/210L

0.000 0.000 -0.0004

0.040 0.040 0.0002

0.100 0.099 0.0008

0.200 0.201 -0.0010

0.300 0.300 0.0004

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

<<<< CHANNEL 1 >>>>

Sample #1 = 2829.00

Sample #2 = 2793.00

Sample #3 = 2838.00

Sample #4 = 2826.00

Average Result = 2819.0000

STD DEV = 23.3024

REL STD DEV = 0.827

<<<< CHANNEL 2 >>>>

Sample #1 = 3207.00

Sample #2 = 3217.00

Sample #3 = 3215.00

Sample #4 = 3215.00

Average Result = 3215.6667

STD DEV = 1.1547

REL STD DEV = 0.036

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1019

3 um H2O Adjust (mg/l x 10.000) = 990

9 um H2O Adjust (mg/l x 10.000) = 594

<<<< AUTO CAL PASS

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-007108	Broward County Sheriff's Office	02/18/2019	<i>Dee</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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Return Material Authorization

Ship to:

☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: TJ Graham on 1/7/2019

Items Returned: Instrument ☒ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007108

Bill To Address:

Warranty Repair (New Instrument)

Ship to Address:

FDLE - Alcohol Testing Program

813-B Lake Bradford Road

Tallahassee, FL 32304

Reason for Return:

Instrument will not pass calibration adjustment procedure. During the procedure, an ambient
fail message is obtained when analyzing a dry gas standard. I believe the issue is due to a
leaking regulator. I can hear a "hissing" noise when a dry gas cylinder is attached to the
regulator.

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: TJ Graham

Phone #: 850-617-1285

Email: thomasgraham@fdle.state.fl.us

ATP Contact Name: TJ Graham

ATP Email: thomasgraham@fdle.state.fl.us

2/26/19
ee



INSTRUMENT PROCESSING SHEET

Agency Broward County SOS/N 80-007108Florida Department of
Law EnforcementDate In 01/03/19

DI Completion Date _____

☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

Intake	Performed By <u>SQC</u>	Quality Checks	Performed By <u>JD</u>	Flow Calibration	Performed By _____																																							
☒ 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: _____ _____ _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>197</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.246</u> (.228 - .278) 103 mm <u>.511</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>30793</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)																																								
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				Temperature Checks Performed By _____ ☐ Lab Temp °C _____ External Digital Therm. ID#: _____ ☐ 34°C +/- .2 Serial #: _____ ☐ 34°C +/- .2 Serial #: _____ ☐ 34°C +/- .2 Serial #: _____																																								
Calibration Adjustment	Performed By <u>JD</u>	Department Inspection Performed By _____																																										
Barometric Pressure Gauge <u>1022</u> ID # <u>30793</u>		Barometric Pressure ID# _____ Gauge _____ Instrument _____ Mouth Alcohol Solution Lot # _____ Acetone Stock Solution Lot # _____																																										
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Notes/Suggested Service: <u>Please change level 2 password to something unique. JD</u>		Tech Review / Date _____ Admin Review / Date _____																																										

2/26/19
JD

80-007108

Calibration #1
Adjustment1/7/19
SD

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.151
 Std Dev = 0.04 Rel Std Dev = 24.85
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.858
 Std Dev = 0.00 Rel Std Dev = 0.24
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.999
 Std Dev = 0.01 Rel Std Dev = 0.62
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.636
 Std Dev = 0.02 Rel Std Dev = 0.50
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.365
 Std Dev = 0.03 Rel Std Dev = 0.47
 Zero Order Coef = -398.54
 First Order Coef = 2598.13
 Second Order Coef = 27.11
 Standard Deviation = 96.907028

<<<<< CHANNEL 2 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.224
 Std Dev = 0.02 Rel Std Dev = 8.12
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.596
 Std Dev = 0.01 Rel Std Dev = 0.83
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.639
 Std Dev = 0.00 Rel Std Dev = 0.00
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.750
 Std Dev = 0.00 Rel Std Dev = 0.04
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.815
 Std Dev = 0.02 Rel Std Dev = 0.20
 Zero Order Coef = -315.55
 First Order Coef = 1363.67
 Second Order Coef = 12.80
 Standard Deviation = 39.135719

Solution Stats Quadratic Fit Chan 1			
Act	Fit	Residual	
	g/210L	g/210L	
0.000	-0.000	0.0001	
0.040	0.039	0.0012	
0.100	0.103	-0.0030	
0.200	0.198	0.0024	
0.300	0.301	-0.0007	

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5820 (0.0000)
 Sample #2 = 1.5820 (0.0000)
 Sample #3 = 1.5990 (-0.0020)
 Sample #4 = 1.6080 (0.0040)
 Avg % Abs = 1.5963 (0.0007)
 STD DEV = 0.0132 (0.0031)
 REL STD DEV = 0.827 (458.258)

Sol Value = 0.100 g/210L ***
 Fit value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12440, Sum Io = 13081

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9600 (-0.0150)
 Sample #2 = 2.0130 (-0.0120)
 Sample #3 = 1.9920 (-0.0170)
 Sample #4 = 1.9910 (-0.0260)
 Avg % Abs = 1.9987 (0.0103)
 STD DEV = 0.0124 (0.0199)
 REL STD DEV = 0.622 (192.173)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6080 (-0.0030)
 Sample #2 = 3.6390 (-0.0010)
 Sample #3 = 3.6390 (-0.0040)
 Sample #4 = 3.6390 (-0.0120)
 Avg % Abs = 3.6390 (0.0023)
 STD DEV = 0.0000 (0.0085)
 REL STD DEV = 0.000 (364.496)

Sol Value = 0.200 g/210L ***
 Fit value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12429, Sum Io = 13078

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6310 (-0.0110)
 Sample #2 = 3.6240 (0.0120)
 Sample #3 = 3.6570 (-0.0050)
 Sample #4 = 3.6280 (0.0240)
 Avg % Abs = 3.6363 (0.0103)
 STD DEV = 0.0180 (0.0146)
 REL STD DEV = 0.495 (141.016)

BREWARD COUNTY SO
 Intoxilizer - Alcohol Analyzer
 Model 8000
 01/07/2019
 07:50:31

Auto Calibration
 Max Power Res Value = 73
 Auto Range Res Value = 51

Sol Value = 0.000 g/210L ***
 Fit value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12460, Sum Io = 13094

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1800 (-0.0120)
 Sample #2 = 0.1940 (-0.0020)
 Sample #3 = 0.1230 (0.0450)
 Sample #4 = 0.1370 (0.0570)
 Avg % Abs = 0.1513 (0.0333)
 STD DEV = 0.0376 (0.0312)
 REL STD DEV = 24.851 (93.547)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.2530 (0.0030)
 Sample #2 = 0.2450 (0.0140)
 Sample #3 = 0.2140 (0.0530)
 Sample #4 = 0.2130 (0.0460)
 Avg % Abs = 0.2240 (0.0377)
 STD DEV = 0.0182 (0.0208)
 REL STD DEV = 8.122 (55.202)

Sol Value = 0.040 g/210L ***
 Fit value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12447, Sum Io = 13084

<<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8600 (-0.0010)
 Sample #2 = 0.8600 (0.0120)
 Sample #3 = 0.8560 (0.0270)
 Sample #4 = 0.8570 (0.0470)
 Avg % Abs = 0.8577 (0.0287)
 STD DEV = 0.0021 (0.0176)
 REL STD DEV = 0.243 (61.254)

2/26/19
SD

page 1 of 2

1/7/19
 JJ

80-007108

~~Cal~~¹²

Calibration

Adjustment #1

page 2 of 2

Solution Stats Quadratic Fit Chan 2		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0002
0.040	0.040	0.0002
0.100	0.101	-0.0011
0.200	0.199	0.0011
0.300	0.300	-0.0003

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -252.00
 Sample #2 = -275.00
 Sample #3 = -189.00
 Sample #4 = -245.00
 Average Result = -236.3333
 STD DEV = 43.6501
 REL STD DEV = 18.470

***** CHANNEL 2

Sample #1 = -158.00
 Sample #2 = -104.00
 Sample #3 = -105.00
 Sample #4 = -88.00
 Average Result = -99.0000
 STD DEV = 9.5394
 REL STD DEV = 9.636

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -275.00
 Sample #2 = -211.00
 Sample #3 = -201.00
 Sample #4 = -219.00
 Average Result = -210.3333
 STD DEV = 9.0185
 REL STD DEV = 4.288

***** CHANNEL 2

Sample #1 = -106.00
 Sample #2 = -69.00
 Sample #3 = -45.00
 Sample #4 = -61.00
 Average Result = -58.3333
 STD DEV = 12.2202
 REL STD DEV = 20.949

Sol Value = 0.080 g/210L ***
 Fit value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

***** CHANNEL 1

Sample #1 = -245.00
 Sample #2 = -208.00
 Sample #3 = -245.00
 Sample #4 = -242.00
 Average Result = -231.6667
 STD DEV = 20.5508
 REL STD DEV = 8.871

***** CHANNEL 2

Sample #1 = -89.00
 Sample #2 = -36.00
 Sample #3 = -87.00
 Sample #4 = -111.00
 Average Result = -78.0000
 STD DEV = 38.3014
 REL STD DEV = 49.104

**** AUTO CAL FAIL

Ambient Fail

during dry gas.

Calibration adjustment
 will be repeated.

1/7/19
 JJ

2/26/19
 JJ

80-007108

11/7/19

Calibration Adjustment #2

BROWARD COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/07/2019
08:44:55
SN 80-007108

Auto Calibration
Max Power Res Value = 73
Auto Range Res Value = 53

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.6230 (-0.0150)
Sample #2 = 1.5870 (-0.0330)
Sample #3 = 1.6140 (-0.0190)
Sample #4 = 1.6050 (-0.0360)
Avg % Abs = 1.6020 (-0.0293)
STD DEV = 0.0137 (-0.0091)
REL STD DEV = 0.858 (30.933)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12741, Sum Io = 13238

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 1.9510 (-0.0050)
Sample #2 = 2.0070 (-0.0020)
Sample #3 = 1.9350 (-0.0420)
Sample #4 = 1.9240 (-0.0530)
Avg % Abs = 1.9533 (-0.0323)
STD DEV = 0.0451 (-0.0268)
REL STD DEV = 2.306 (83.007)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.2370 (-0.0180)
Sample #2 = 0.2410 (-0.0080)
Sample #3 = 0.2520 (-0.0160)
Sample #4 = 0.2160 (-0.0300)
Avg % Abs = 0.2363 (-0.0180)
STD DEV = 0.0184 (-0.0111)
REL STD DEV = 7.806 (61.864)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12746, Sum Io = 13239

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 0.9200 (-0.0180)
Sample #2 = 0.8640 (-0.0300)
Sample #3 = 0.8570 (-0.0450)
Sample #4 = 0.8610 (-0.0510)
Avg % Abs = 0.8607 (-0.0420)
STD DEV = 0.0035 (-0.0108)
REL STD DEV = 0.408 (25.754)

2/20/19

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 6.7590 (-0.0070)
Sample #2 = 6.7840 (-0.0180)
Sample #3 = 6.7650 (-0.0320)
Sample #4 = 6.7740 (-0.0340)
Avg % Abs = 6.7743 (-0.0280)
STD DEV = 0.0095 (-0.0087)
REL STD DEV = 0.140 (31.135)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12730, Sum Io = 13234

***** CHANNEL 1 *****
Sample % Abs (% Abs Ref)
Sample #1 = 5.3290 (-0.0030)
Sample #2 = 5.3440 (-0.0100)
Sample #3 = 5.4030 (-0.0070)
Sample #4 = 5.4010 (-0.0050)
Avg % Abs = 5.3827 (-0.0077)
STD DEV = 0.0335 (-0.0093)
REL STD DEV = 0.622 (1393.736)

***** CHANNEL 2 *****
Sample % Abs (% Abs Ref)
Sample #1 = 9.8400 (-0.0050)
Sample #2 = 9.8310 (-0.0600)
Sample #3 = 9.8800 (-0.0350)
Sample #4 = 9.8640 (-0.0340)
Avg % Abs = 9.8583 (-0.0430)
STD DEV = 0.0250 (-0.0147)
REL STD DEV = 0.253 (34.258)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12737, Sum Io = 13234

***** AUTO CAL DATA *****
***** CHANNEL 1 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.176
Std Dev = 0.03 Rel Std Dev = 17.84
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.861
Std Dev = 0.00 Rel Std Dev = 0.41
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.955
Std Dev = 0.05 Rel Std Dev = 2.31
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.658
Std Dev = 0.03 Rel Std Dev = 0.88
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.383
Std Dev = 0.03 Rel Std Dev = 0.62
Zero Order Coef = -453.96
First Order Coef = 2672.43
Second Order Coef = 12.55
Standard Deviation = 42.37758

***** CHANNEL 2 *****
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.236
Std Dev = 0.02 Rel Std Dev = 7.81
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.602
Std Dev = 0.01 Rel Std Dev = 0.86
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.641
Std Dev = 0.02 Rel Std Dev = 0.55
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.774
Std Dev = 0.01 Rel Std Dev = 0.14
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.858
Std Dev = 0.02 Rel Std Dev = 0.25
Zero Order Coef = -331.02
First Order Coef = 1369.49
Second Order Coef = 11.62
Standard Deviation = 33.980743

***** CHANNEL 1 *****
Sample #1 = -232.00
Sample #2 = -211.00
Sample #3 = -279.00
Sample #4 = -266.00
Average Result = -252.0000
STD DEV = 36.0971
REL STD DEV = 14.324

***** CHANNEL 2 *****
Sample #1 = -72.00
Sample #2 = 36.00
Sample #3 = -65.00
Sample #4 = -37.00
Average Result = -22.0000
STD DEV = 52.1440
REL STD DEV = 237.018

***** AUTO CAL FIT *****
Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0003
0.040 0.039 0.0010
0.100 0.101 -0.0012
0.200 0.199 0.0007
0.300 0.300 -0.0002

***** AUTO CAL FIT *****
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 0.0003
0.100 0.101 -0.0010
0.200 0.199 0.0009
0.300 0.300 -0.0003

***** CHANNEL 1 *****
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 2 *****
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 1 *****
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1

***** CHANNEL 2 *****
Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1



INSTRUMENT PROCESSING SHEET

Agency Broward County Sheriff's Office

S/N 80-007108

Florida Department of
Law Enforcement

Date In 12/20/2018 DI Completion Date _____

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DELE</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>DELE</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>196</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP 106</u> 32 mm <u>.160</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.518</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>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG805701 02/26/2020</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG805701 02/26/2020	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) Maintenance Performed By <u>DELE</u> ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☒ Other <u>Forms load/Changed pass</u> Temperature Checks Performed By <u>DELE</u> ☒ Lab Temp °C <u>21.91C</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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Notes/Suggested Service: <u>E-mailed</u> <u>Instrument sent to Tallahassee for optical</u> <u>calibration.</u> 		Department Inspection Performed By _____ Barometric Pressure ID# _____ Gauge _____ Instrument _____ Mouth Alcohol Solution Lot # _____ Acetone Stock Solution Lot # _____ <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></td> </tr> <tr> <td>Interferent</td> <td></td> </tr> <tr> <td>0.050</td> <td></td> </tr> <tr> <td>0.080</td> <td></td> </tr> <tr> <td>0.200</td> <td></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 Tech Review / Date _____ Admin Review / Date _____	Simulator	Serial Number	0.000		Interferent		0.050		0.080		0.200																																					
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TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-007108	Broward County Sheriff's Office	01/02/2019	<i>Dec</i>

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