



INSTRUMENT PROCESSING SHEET

Agency Charlotte CSO

S/N 80-007083

Florida Department of
Law Enforcement

Date In 10/27/2020 DI Completion Date 10/28/2020

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>TDG</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>Note that says "Will not transfer comms". Reseated exhaust cover. Uploaded AI.</u> Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.10.29 13:25:18 -04'00'	Quality Checks Performed By <u>TDG</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>252</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP106</u> 32 mm <u>0.160</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.496</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>201905A 05/14/2021</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> <td>201905B 05/14/2021</td> </tr> <tr> <td>0.200</td> <td>MP5097</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> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201905A 05/14/2021	0.080	MP4864	201905B 05/14/2021	0.200	MP5097	201904D 04/30/2021	0.080 DGS	N/A	AG003005 01/30/2022	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 _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>TDG</u> ☒ Lab Temp °C <u>21.69</u> External Digital Therm. ID#: <u>300504</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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Simulator	Serial Number	Lot Number	Expiration																																																										
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Notes/Suggested Service: _____ _____ _____ _____ _____ _____	☒ 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>Israel Soto</u> 10-29-2020 Tech Review / Date <u>SR</u> 29 13:24:52 Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: CHARLOTTE COUNTY SO
Time of Inspection: 13:57

Date of Inspection: 10/28/2020

Serial Number: 80-007083
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	0.048	0.078	0.199	0.078
0.000	0.048	0.079	0.200	0.077
0.000	0.048	0.079	0.199	0.077
0.000	0.048	0.078	0.199	0.077
0.000	0.048	0.079	0.199	0.078
0.000	0.048	0.079	0.199	0.077
0.000	0.048	0.079	0.199	0.077
0.000	0.049	0.079	0.200	0.077
0.000	0.049	0.079	0.200	0.077
0.000	0.049	0.079	0.199	0.077

Standard Deviations	0.0004	0.0004	0.0004	0.0004
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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:

DS

2020.1
0.29
13:23:5
3
-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.

MICHAEL D HAUGHEY

Signature and Printed Name

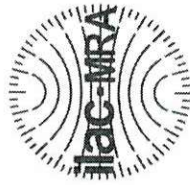
10/28/2020
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 7083	Charlotte CSO	10/28/2020	TDG MG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
✓	✓	✓	✓
CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 10/28/2020 SN 80-007083 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:31 Control Test 0.048 10:32 Air Blank 0.000 10:32 Control Test 0.048 10:33 Air Blank 0.000 10:34 Control Test 0.049 10:34 Air Blank 0.000 10:35 Control Test Stats Average 0.0483 Std Dev 0.0006 Rel Std Dev(%) 1.1945	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 10/28/2020 SN 80-007083 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:39 Control Test 0.078 10:40 Air Blank 0.000 10:40 Control Test 0.079 10:41 Air Blank 0.000 10:42 Control Test 0.078 10:42 Air Blank 0.000 10:43 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 10/28/2020 SN 80-007083 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:47 Control Test 0.199 10:48 Air Blank 0.000 10:48 Control Test 0.199 10:49 Air Blank 0.000 10:49 Control Test 0.199 10:50 Air Blank 0.000 10:51 Control Test Stats Average 0.1990 Std Dev 0.0000 Rel Std Dev(%) 0.0000	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 10/28/2020 SN 80-007083 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:52 Control Test 0.079 10:53 Air Blank 0.000 10:53 Control Test 0.078 10:53 Air Blank 0.000 10:54 Control Test 0.078 10:54 Air Blank 0.000 10:55 Control Test Stats Average 0.0783 Std Dev 0.0006 Rel Std Dev(%) 0.7370
Operator's Signature MG	Operator's Signature MG	Operator's Signature MG	Operator's Signature MG

Comments:

2020.10.
29
13:23:34
-04'00'



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 80-007083, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007083</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>CHARLOTTE COUNTY SO</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>10/28/2020</u>	0.080 g/ 210 L 0.005
Calibration Time:	<u>13:57</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.

10/28/2020

Date

MICHAEL D HAUGHEY,

Department Inspector

FDLE/ATP Form 69 April 2020

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

2020.10.
29
12:39:45
-04'00'



INSTRUMENT PROCESSING SHEET

Agency Charlotte CSO

S/N 80-007083

Florida Department of
Law Enforcement

Date In 07/09/2020 DI Completion Date 07/14/2020

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>TDG</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: _____ _____ _____ Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.07.17 13:40:45 -04'00'	Quality Checks Performed By <u>TDG</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>254</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.167</u> (.139 - .169) 36 mm <u>0.183</u> (.156 - .190) 53 mm <u>0.253</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>68639</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 _____ 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 _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>MH</u> ☒ Lab Temp °C <u>21.74</u> External Digital Therm. ID#: <u>300504</u> ☒ 34°C +- .2 Serial #: <u>MP5092</u> ☒ 34°C +- .2 Serial #: <u>MP5093</u> ☒ 34°C +- .2 Serial #: <u>MP5097</u>																																												
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Calibration Adjustment Performed By <u>MH</u> Barometric Pressure Gauge <u>1016</u> ID # <u>28199</u> <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>MP5095</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>MP5098</td> <td>19080</td> <td>03/04/2021</td> </tr> <tr> <td>0.100</td> <td>MP5099</td> <td>19160</td> <td>07/09/2021</td> </tr> <tr> <td>0.200</td> <td>MP5100</td> <td>19040</td> <td>01/29/2021</td> </tr> <tr> <td>0.300</td> <td>MP5101</td> <td>19010</td> <td>01/03/2021</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>08819080A1</td> <td>06/05/2021</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>MP5092</td> <td>201905A</td> <td>05/14/2021</td> </tr> <tr> <td>0.080</td> <td>MP5093</td> <td>201905B</td> <td>05/14/2021</td> </tr> <tr> <td>0.200</td> <td>MP5097</td> <td>201904D</td> <td>04/30/2021</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG003005</td> <td>01/30/2022</td> </tr> </tbody> </table> Notes/Suggested Service: _____ _____ _____ _____ _____ _____	Simulator	Serial Number	Lot Number	Expiration	0.000	MP5095	N/A	N/A	0.040	MP5098	19080	03/04/2021	0.100	MP5099	19160	07/09/2021	0.200	MP5100	19040	01/29/2021	0.300	MP5101	19010	01/03/2021	0.080 DGS	N/A	08819080A1	06/05/2021	Simulator	Serial Number	Lot Number	Expiration	0.050	MP5092	201905A	05/14/2021	0.080	MP5093	201905B	05/14/2021	0.200	MP5097	201904D	04/30/2021	0.080 DGS	N/A	AG003005	01/30/2022	Department Inspection Performed By <u>MH</u> Barometric Pressure ID# <u>28663</u> Gauge <u>1016</u> Instrument <u>1016</u> Mouth Alcohol Solution Lot # <u>2019-B</u> Acetone Stock Solution Lot # <u>2019-A</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>SD1014</td> </tr> <tr> <td>Interferent</td> <td>SD1015</td> </tr> <tr> <td>0.050</td> <td>MP5092</td> </tr> <tr> <td>0.080</td> <td>MP5093</td> </tr> <tr> <td>0.200</td> <td>MP5097</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 David Eliezer Reyes Rivera Digitally signed by David Eliezer Reyes Rivera Date: 2020.07.16 13:15:27 -04'00' <i>Brett Kirkland</i> 2020.07.17 13:37:41 -04'00' Tech Review / Date Admin Review / Date	Simulator	Serial Number	0.000	SD1014	Interferent	SD1015	0.050	MP5092	0.080	MP5093	0.200	MP5097
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: CHARLOTTE COUNTY SO
Time of Inspection: 11:51

Date of Inspection: 07/14/2020

Serial Number: 80-007083
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	0.048	0.079	0.197	0.079
0.000	0.049	0.079	0.195	0.079
0.000	0.048	0.080	0.193	0.079
0.000	0.048	0.079	0.197	0.079
0.000	0.048	0.080	0.198	0.079
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.079	0.199	0.078
0.000	0.048	0.080	0.199	0.078
0.000	0.048	0.080	0.199	0.078
0.000	0.048	0.080	0.199	0.078
0.000	0.049	0.079	0.199	0.078

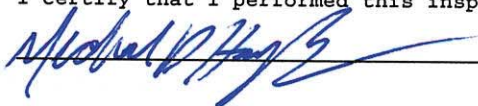
Standard Deviations	0.0005	0.0005	0.0020	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0008 Number of Simulators Used: 5

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

07/14/2020
Date

DERR

Digitally signed by
DERR
Date: 2020.07.16
13:13:56 -04'00'

BK 2020.07.17
13:38:18
-04'00'

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-00 7083	Charlotte CSO	07/13/2020	ML

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 ☒
CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007083 07/13/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:38 Control Test 0.049 14:39 Air Blank 0.000 14:39 Control Test 0.049 14:40 Air Blank 0.000 14:40 Control Test 0.050 14:41 Air Blank 0.000 14:42 Control Test Stats Average 0.0493 Std Dev 0.0006 Rel Std Dev(%) 1.1703	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007083 07/13/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:43 Control Test 0.080 14:44 Air Blank 0.000 14:44 Control Test 0.081 14:45 Air Blank 0.000 14:45 Control Test 0.081 14:46 Air Blank 0.000 14:47 Control Test Stats Average 0.0807 Std Dev 0.0006 Rel Std Dev(%) 0.7157	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007083 07/13/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:48 Control Test 0.200 14:49 Air Blank 0.000 14:49 Control Test 0.206 14:50 Air Blank 0.000 14:51 Control Test 0.203 14:51 Air Blank 0.000 14:52 Control Test Stats Average 0.2030 Std Dev 0.0030 Rel Std Dev(%) 1.4778	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007083 07/13/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 14:54 Control Test 0.087 14:54 Air Blank 0.000 14:55 Control Test 0.086 14:55 Air Blank 0.000 14:55 Control Test 0.085 14:56 Air Blank 0.000 14:56 Control Test Stats Average 0.0860 Std Dev 0.0010 Rel Std Dev(%) 1.1628
Operator's Signature <i>Jacob Yustan</i>	Operator's Signature <i>Jacob Yustan</i>	Operator's Signature <i>Jacob Yustan</i>	Operator's Signature <i>Jacob Yustan</i>

Failed stability check. Will perform an optical calibration.

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities Test	80-007083	Charlotte County SO	07/14/2020	MX

0.05g/210L	0.08g/210L	0.20g/210L	0.08g/210L	DGS 0.08g/210L
0.047 to 0.053 ☒	0.077 to 0.083 ☒	0.194 to 0.206 ☒	0.077 to 0.083 ☒	0.077 to 0.083 ☒
CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/14/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:34 Control Test 0.048 09:35 Air Blank 0.000 09:36 Control Test 0.048 09:36 Air Blank 0.000 09:37 Control Test 0.048 09:38 Air Blank 0.000 09:38 Control Test Stats Average 0.0480 Std Dev 0.0000 Rel Std Dev(%) 0.0000	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/14/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:39 Control Test 0.080 09:40 Air Blank 0.000 09:41 Control Test 0.079 09:41 Air Blank 0.000 09:42 Control Test 0.079 09:42 Air Blank 0.000 09:43 Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/14/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:45 Control Test 0.199 09:46 Air Blank 0.000 09:46 Control Test 0.199 09:47 Air Blank 0.000 09:48 Control Test 0.199 09:48 Air Blank 0.000 09:49 Control Test Stats Average 0.1990 Std Dev 0.0000 Rel Std Dev(%) 0.0000	CHARLOTTE COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 07/14/2020 Software: 8100.27 Test g/210L Time Air Blank 0.000 09:51 Control Test 0.078 09:51 Air Blank 0.000 09:51 Control Test 0.078 09:52 Air Blank 0.000 09:52 Control Test 0.078 09:53 Air Blank 0.000 09:53 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000	
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

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Date: 2020.07.16
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2020.07.17
13:39:14
-0400

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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 80-007083, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-007083</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>CHARLOTTE COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>07/14/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>11:51</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.

07/14/2020

Date


MICHAEL D HAUGHEY,

Department Inspector

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

Service • Integrity • Respect • Quality

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2020.07.17
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CHARLOTTE COUNTY SO

Intoxilyzer - Alcohol Analyzer

Model 8000

07/14/2020

Auto Calibration

Max Power Res Value = 80

Auto Range Res Value = 69

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12592, 9um Io = 12812

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.2150 (-0.0010)

Sample #2 = 0.1900 (0.0340)

Sample #3 = 0.1400 (0.0740)

Sample #4 = 0.1430 (0.0550)

Avg % Abs = 0.1577 (0.0677)

STD DEV = 0.0280 (0.0310)

REL STD DEV = 17.785 (45.797)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.2200 (-0.0100)

Sample #2 = 0.2140 (0.0040)

Sample #3 = 0.1570 (0.0380)

Sample #4 = 0.1710 (0.0280)

Avg % Abs = 0.1807 (0.0233)

STD DEV = 0.0297 (0.0175)

REL STD DEV = 16.441 (74.888)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12574, 9um Io = 12802

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 0.9180 (-0.0100)

Sample #2 = 0.8830 (0.0150)

Sample #3 = 0.9350 (0.0110)

Sample #4 = 0.9430 (0.0190)

Avg % Abs = 0.9203 (0.0150)

STD DEV = 0.0326 (0.0040)

REL STD DEV = 3.540 (26.667)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 1.5220 (-0.0070)

Sample #2 = 1.5100 (0.0130)

Sample #3 = 1.5430 (-0.0100)

Sample #4 = 1.5480 (-0.0020)

Avg % Abs = 1.5337 (0.0003)

STD DEV = 0.0206 (0.0117)

REL STD DEV = 1.346 (3502.855)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12563, 9um Io = 12797

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 1.9630 (0.0030)

Sample #2 = 2.0220 (-0.0120)

Sample #3 = 2.0180 (0.0030)

Sample #4 = 2.0310 (0.0110)

Avg % Abs = 2.0237 (0.0007)

STD DEV = 0.0067 (0.0117)

REL STD DEV = 0.329 (1751.428)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 3.4650 (0.0000)

Sample #2 = 3.4790 (0.0080)

Sample #3 = 3.4770 (0.0130)

Sample #4 = 3.4820 (0.0130)

Avg % Abs = 3.4793 (0.0113)

STD DEV = 0.0025 (0.0029)

REL STD DEV = 0.072 (25.471)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12556, 9um Io = 12793

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 3.7850 (-0.0020)

Sample #2 = 3.8250 (-0.0030)

Sample #3 = 3.8350 (0.0030)

Sample #4 = 3.7700 (0.0440)

Avg % Abs = 3.8100 (0.0147)

STD DEV = 0.0350 (0.0256)

REL STD DEV = 0.919 (174.409)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 6.6410 (0.0000)

Sample #2 = 6.6500 (0.0060)

Sample #3 = 6.6530 (0.0220)

Sample #4 = 6.6170 (0.0370)

Avg % Abs = 6.6400 (0.0217)

STD DEV = 0.0200 (0.0155)

REL STD DEV = 0.301 (71.551)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12552, 9um Io = 12790

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 5.5660 (-0.0140)

Sample #2 = 5.5450 (0.0070)

Sample #3 = 5.4900 (0.0460)

Sample #4 = 5.5170 (0.0320)

Avg % Abs = 5.5173 (0.0283)

STD DEV = 0.0275 (0.0198)

REL STD DEV = 0.498 (69.730)

<<<<< CHANNEL 2 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 9.6260 (-0.0100)

Sample #2 = 9.6060 (0.0230)

Sample #3 = 9.5870 (0.0420)

Sample #4 = 9.6000 (0.0400)

Avg % Abs = 9.5977 (0.0350)

STD DEV = 0.0097 (0.0104)

REL STD DEV = 0.101 (29.825)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

3um Io = 12556, 9um Io = 12793

<<<<< CHANNEL 1 >>>>>

Sample % Abs (% Abs Ref)

Sample #1 = 3.7850 (-0.0020)

Sample #2 = 3.8250 (-0.0030)

Sample #3 = 3.8350 (0.0030)

Sample #4 = 3.7700 (0.0440)

Avg % Abs = 3.8100 (0.0147)

STD DEV = 0.0350 (0.0256)

REL STD DEV = 0.919 (174.409)

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

<<<<< CHANNEL 1 >>>>>

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

% Abs = 0.158

Std Dev = 0.03 Rel Std Dev = 17.79

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

% Abs = 0.920

Std Dev = 0.03 Rel Std Dev = 3.54

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

% Abs = 2.024

Std Dev = 0.01 Rel Std Dev = 0.33

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

% Abs = 3.810

Std Dev = 0.04 Rel Std Dev = 0.92

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

% Abs = 5.517

Std Dev = 0.03 Rel Std Dev = 0.50

Zero Order Coef = -394.99

First Order Coef = 2477.58

Second Order Coef = 33.19

Standard Deviation = 6.007841

<<<<< CHANNEL 2 >>>>>

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

% Abs = 0.181

Std Dev = 0.03 Rel Std Dev = 16.44

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

% Abs = 1.534

Std Dev = 0.02 Rel Std Dev = 1.35

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

% Abs = 3.479

Std Dev = 0.00 Rel Std Dev = 0.07

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

% Abs = 6.640

Std Dev = 0.02 Rel Std Dev = 0.30

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

% Abs = 9.598

Std Dev = 0.01 Rel Std Dev = 0.10

Zero Order Coef = -248.08

First Order Coef = 1387.70

Second Order Coef = 13.11

Standard Deviation = 16.217302

<<<<< CHANNEL 2 >>>>>

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

% Abs = 0.000

Std Dev = 0.000

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

% Abs = 0.000

Std Dev = 0.000

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

% Abs = 0.000

Std Dev = 0.000

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	-0.0001
0.100	0.100	0.0005
0.200	0.200	-0.0004
0.300	0.300	0.0002

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

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

Sample #1 = 2772.00

Sample #2 = 2826.00

Sample #3 = 2814.00

Sample #4 = 2717.00

Average Result = 2785.6667

STD DEV = 59.7690

REL STD DEV = 2.146

***** CHANNEL 2 *****

Sample #1 = 3273.00

Sample #2 = 3303.00

Sample #3 = 3300.00

Sample #4 = 3251.00

Average Result = 3284.6667

STD DEV = 29.1947

REL STD DEV = 0.889

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

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1016

3 um H2O Adjust (mg/l x 10,000) = 1024

9 um H2O Adjust (mg/l x 10,000) = 525

***** AUTO CAL PASS *****

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Calibration

Adj.

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07/14/2020

MX