



# INSTRUMENT PROCESSING SHEET

Agency Martin CountyS/N 80-000832Florida Department of  
Law EnforcementDate In 4/27/2021DI Completion Date 4/28/2021 Ship  P/U  H/D  CMI  EE

04/28/2021

Intake	By MH	Quality Checks	By MH	Date <u>04/23/2021</u>	Flow Calibration	By	Date															
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____ _____ _____ _____ _____ _____		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>223</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 104</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.164</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # _____ <input type="checkbox"/> 5L/min – 17mm <input type="checkbox"/> 15L/min – 53mm <input type="checkbox"/> 30L/min – 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																	
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Notes/Suggested Service: \_\_\_\_\_  
 Tech review: Corrected date for quality checks 2021.04.29 09:56:08 CEST

Taylor Digitally signed by Taylor Gutschow Date: 2021.04.29 10:43:06 -04'00'

Gutschow 2021.05.0 4 13:13:08  
 Tech Review / Date      Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MARTIN COUNTY SO  
Time of Inspection: 14:09

Date of Inspection: 04/28/2021

Serial Number: 80-000832  
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.049	0.079	0.197	0.084
0.000	0.049	0.079	0.202	0.083
0.000	0.049	0.079	0.199	0.083
0.000	0.049	0.079	0.199	0.083
0.000	0.049	0.079	0.198	0.083
0.000	0.049	0.080	0.198	0.083
0.000	0.049	0.079	0.197	0.083
0.000	0.049	0.079	0.198	0.083
0.000	0.049	0.079	0.197	0.083
0.000	0.048	0.079	0.197	0.083

Standard Deviations	0.0003	0.0003	0.0015	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0006 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

04/28/2021  
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities - Post	80-000832	Martin County SO	4/28/21	MK

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>	0.194 to 0.206 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>

MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 04/28/2021 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 04/28/2021 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 04/28/2021 Software: 8100.27	MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model: 8000 04/28/2021 Software: 8100.27																																																																																																																																																
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<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 1.5330 (-0.0170)  
 Sample #2 = 1.5870 (-0.0090)  
 Sample #3 = 1.5730 (-0.0120)  
 Sample #4 = 1.5680 (-0.0000)  
 Avg % Abs = 1.5760 (-0.0070)  
 STD DEV = 0.0099 (0.0062)  
 REL STD DEV = 0.625 (89.214)

MARTIN COUNTY SO  
 Intoxilyzer - Alcomol Analyzer  
 Model: 8000  
 04/28/2021  
 SN 80-008832  
 11:21:02

Auto Calibration  
 Max Power Res Value = 24  
 Auto Range Res Value = 18

Sol Value = 0.000 g/210L \*\*\*  
 Fit Value = 0.0000 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12849, Sum Io = 13402

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 0.0590 (-0.0030)  
 Sample #2 = 0.0880 (-0.0090)  
 Sample #3 = 0.0720 (0.0050)  
 Sample #4 = 0.0500 (0.0200)  
 Avg % Abs = 0.0700 (0.0053)  
 STD DEV = 0.0191 (0.0145)  
 REL STD DEV = 27.255 (271.925)

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 0.1010 (-0.0040)  
 Sample #2 = 0.1120 (-0.0060)  
 Sample #3 = 0.1450 (-0.0340)  
 Sample #4 = 0.0980 (-0.0160)  
 Avg % Abs = 0.1183 (-0.0160)  
 STD DEV = 0.0241 (0.0156)  
 REL STD DEV = 20.393 (97.628)

Sol Value = 0.040 g/210L \*\*\*  
 Fit Value = 0.1905 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12851, Sum Io = 13403

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 0.7840 (-0.0060)  
 Sample #2 = 0.7650 (0.0130)  
 Sample #3 = 0.7660 (0.0120)  
 Sample #4 = 0.7610 (0.0110)  
 Avg % Abs = 0.7640 (0.0120)  
 STD DEV = 0.0026 (0.0010)  
 REL STD DEV = 0.346 (8.333)

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 7.0680 (-0.0060)  
 Sample #2 = 7.0710 (0.0060)  
 Sample #3 = 7.0710 (-0.0070)  
 Sample #4 = 7.0480 (0.0210)  
 Avg % Abs = 7.0633 (0.0067)  
 STD DEV = 0.0133 (0.0140)  
 REL STD DEV = 0.188 (210.179)

Sol Value = 0.300 g/210L \*\*\*  
 Fit Value = 1.4286 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12319, Sum Io = 13400

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 5.0370 (-0.0020)  
 Sample #2 = 5.0310 (0.0040)  
 Sample #3 = 5.0390 (-0.0010)  
 Sample #4 = 5.0510 (-0.0080)  
 Avg % Abs = 5.0400 (-0.0017)  
 STD DEV = 0.0101 (0.0060)  
 REL STD DEV = 0.201 (361.663)

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 10.2230 (-0.0200)  
 Sample #2 = 10.2030 (0.0020)  
 Sample #3 = 10.1850 (0.0060)  
 Sample #4 = 10.2000 (0.0080)  
 Avg % Abs = 10.1960 (0.0053)  
 STD DEV = 0.0096 (0.0031)  
 REL STD DEV = 0.095 (57.282)

Sol Value = 0.200 g/210L \*\*\*  
 Fit Value = 0.9524 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12847, Sum Io = 13399

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 3.4500 (-0.0020)  
 Sample #2 = 3.4650 (-0.0020)  
 Sample #3 = 3.4520 (-0.0070)  
 Sample #4 = 3.4480 (0.0000)  
 Avg % Abs = 3.4550 (-0.0030)  
 STD DEV = 0.0089 (0.0036)  
 REL STD DEV = 0.257 (120.185)

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*  
 <<<<< CHANNEL 1 >>>>>  
 Sol Val = 0.0000 mg/l or 0.000 g/210L  
 % Abs = 0.070  
 Std Dev = 0.02 Rel Std Dev = 27.26  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 0.764  
 Std Dev = 0.00 Rel Std Dev = 0.35  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 1.778  
 Std Dev = 0.01 Rel Std Dev = 0.54  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 3.455  
 Std Dev = 0.01 Rel Std Dev = 0.26  
 Sol Val = 1.4286 mg/l or 0.300 g/210L  
 % Abs = 5.040  
 Std Dev = 0.01 Rel Std Dev = 0.20  
 Zero Order Coef = -180.88  
 First Order Coef = 2706.15  
 Second Order Coef = 32.17  
 Standard Deviation = 21.497967

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
 Sol Val = 0.0000 mg/l or 0.000 g/210L  
 % Abs = 0.118  
 Std Dev = 0.02 Rel Std Dev = 20.39  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 1.576  
 Std Dev = 0.01 Rel Std Dev = 0.62  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 3.574  
 Std Dev = 0.01 Rel Std Dev = 0.40  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 7.063  
 Std Dev = 0.01 Rel Std Dev = 0.19  
 Sol Val = 1.4286 mg/l or 0.300 g/210L  
 % Abs = 10.196  
 Std Dev = 0.01 Rel Std Dev = 0.09  
 Zero Order Coef = -143.41  
 First Order Coef = 1279.11  
 Second Order Coef = 13.24  
 Standard Deviation = 20.689283

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
 Sol Value = 0.080 g/210L \*\*\*  
 Fit Value = 0.3810 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 \*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
 Sample #1 = 3197.00  
 Sample #2 = 3180.00  
 Sample #3 = 3139.00  
 Sample #4 = 3161.00  
 Average Result = 3160.0000  
 STD DEV = 20.5183  
 REL STD DEV = 0.649  
 \*\*\*\*\*  
 \*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
 Sample #1 = 3375.00  
 Sample #2 = 3315.00  
 Sample #3 = 3357.00  
 Sample #4 = 3356.00  
 Average Result = 3342.6667  
 STD DEV = 23.9653  
 REL STD DEV = 0.717  
 \*\*\*\*\*  
 Dry Gas H2O Adjust Results \*\*\*\*\*  
 Barometric Pressure = 1018  
 3 um H2O Adjust (mg/l\*10,000) = 649  
 9 um H2O Adjust (mg/l\*10,000) = 467  
 \*\*\*\*\* AUTO CAL PASS \*\*\*\*\*

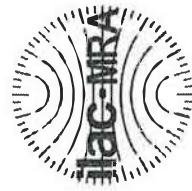
**Optical Calibration**

SN: 80-008832  
 Agency: Martin County SO  
 Date: 04/28/2021  
 By: JH

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000832	Martin County SO	04/27/21	MLT

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
<p>0.047 to 0.053 <input checked="" type="checkbox"/></p> <p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/28/2021 SN 80-000832 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>10:24</td></tr> <tr><td>Control Test</td><td>0.048</td><td>10:25</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:25</td></tr> <tr><td>Control Test</td><td>0.049</td><td>10:26</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:26</td></tr> <tr><td>Control Test</td><td>0.048</td><td>10:27</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:28</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0483</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>1.1945</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MLT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:24	Control Test	0.048	10:25	Air Blank	0.000	10:25	Control Test	0.049	10:26	Air Blank	0.000	10:26	Control Test	0.048	10:27	Air Blank	0.000	10:28	Control Test Stats			Average	0.0483		Std Dev	0.0006		Rel Std Dev(%)	1.1945		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/28/2021 SN 80-000832 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>10:43</td></tr> <tr><td>Control Test</td><td>0.079</td><td>10:44</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:44</td></tr> <tr><td>Control Test</td><td>0.079</td><td>10:45</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:46</td></tr> <tr><td>Control Test</td><td>0.079</td><td>10:46</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:47</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0790</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MLT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:43	Control Test	0.079	10:44	Air Blank	0.000	10:44	Control Test	0.079	10:45	Air Blank	0.000	10:46	Control Test	0.079	10:46	Air Blank	0.000	10:47	Control Test Stats			Average	0.0790		Std Dev	0.0000		Rel Std Dev(%)	0.0000		<p>0.194 to 0.206 <input checked="" type="checkbox"/></p> <p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/28/2021 SN 80-000832 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>10:53</td></tr> <tr><td>Control Test</td><td>0.197</td><td>10:54</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:55</td></tr> <tr><td>Control Test</td><td>0.198</td><td>10:55</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:56</td></tr> <tr><td>Control Test</td><td>0.196</td><td>10:57</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:57</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.1970</td><td></td></tr> <tr><td>Std Dev</td><td>0.0010</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.5076</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MLT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:53	Control Test	0.197	10:54	Air Blank	0.000	10:55	Control Test	0.198	10:55	Air Blank	0.000	10:56	Control Test	0.196	10:57	Air Blank	0.000	10:57	Control Test Stats			Average	0.1970		Std Dev	0.0010		Rel Std Dev(%)	0.5076		<p>0.077 to 0.083 <input checked="" type="checkbox"/></p> <p>MARTIN COUNTY SO Intoxilyzer - Alcohol Analyzer Model 8000 04/28/2021 SN 80-000832 Software: 8100.27</p> <table border="1"> <thead> <tr> <th>Test</th> <th>g/210L</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>Air Blank</td><td>0.000</td><td>10:59</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:59</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:59</td></tr> <tr><td>Control Test</td><td>0.082</td><td>11:00</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:00</td></tr> <tr><td>Control Test</td><td>0.083</td><td>11:00</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>11:01</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0823</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.7012</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MLT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:59	Control Test	0.082	10:59	Air Blank	0.000	10:59	Control Test	0.082	11:00	Air Blank	0.000	11:00	Control Test	0.083	11:00	Air Blank	0.000	11:01	Control Test Stats			Average	0.0823		Std Dev	0.0006		Rel Std Dev(%)	0.7012	
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No 0.080 agreement.  
Optical Cal Needed



# 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 80-000832, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000832</u>	UNCERTAINTY* ±	
Owning Agency:	<u>MARTIN COUNTY SO</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>04/28/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:09</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.

04/28/2021

Date

  
MICHAEL D HAUGHEY,  
Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality