



# INSTRUMENT PROCESSING SHEET

Agency FHP BrevardS/N 80-001112

Florida Department of Law Enforcement

Date In 03/03/2020 DI Completion Date 03/04/2020 Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>MX</u> <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: _____ _____ _____	<b>Quality Checks</b> Performed By <u>MX</u> <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>234</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.179</u> (.139 - .169) 36 mm <u>0.191</u> (.156 - .190) 53 mm <u>0.261</u> (.228 - .278) 103 mm <u>0.519</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>68639</u> <input checked="" type="checkbox"/> Stability Checks	<b>Flow Calibration</b> Performed By <u>MX</u> Flow Column # <u>ATP 104</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>236</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.156</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.238</u> (.228 - .278) 103 mm <u>0.507</u> (.447 - .547)
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<b>Final Release Date</b> FDLE MAR 16 2020 Alcohol Testing Program	<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <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>SD3969</td> <td>201904D 04/30/2021</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG916501 06/14/2021</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP4863	201905A 05/14/2021	0.080	MP4864	201905B 05/14/2021	0.200	SD3969	201904D 04/30/2021	0.080 DGS	N/A	AG916501 06/14/2021	<b>Maintenance</b> Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ <b>Temperature Checks</b> Performed By <u>MX</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.69</u> External Digital Therm. ID#: <u>300504</u> <input checked="" type="checkbox"/> 34°C +/-2 Serial #: <u>MP4863</u> <input checked="" type="checkbox"/> 34°C +/-2 Serial #: <u>MP4864</u> <input checked="" type="checkbox"/> 34°C +/-2 Serial #: <u>SD3969</u>
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<b>Calibration Adjustment</b> Performed By _____ Barometric Pressure Gauge ID # _____ <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.300</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table> <input type="checkbox"/> Post Calibration Adjustment Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.300				0.080 DGS	N/A			Simulator	Serial Number	Lot Number	Expiration	0.050				0.080				0.200				0.080 DGS	N/A			<b>Department Inspection</b> Performed By <u>MX</u> Barometric Pressure ID# <u>28199</u> Gauge <u>1016</u> Instrument <u>1015</u> Mouth Alcohol Solution Lot # <u>2019-B</u> Acetone Stock Solution Lot # <u>2019-A</u> <table border="1"> <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>MP4863</td> </tr> <tr> <td>0.080</td> <td>MP4864</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> </tr> </tbody> </table>	Simulator	Serial Number	0.000	SD1014	Interferent	SD1015	0.050	MP4863	0.080	MP4864	0.200	SD3969
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Notes/Suggested Service: <u>E-mailed</u> <u>Tech Review: Corrected 0.200 sim serial Number</u> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <input checked="" type="checkbox"/> <b>APPROVED</b> 3/5/2020         </div>	<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use  <u>SJP 3/13/20</u> <u>Brett Kirkland 3/16/2020</u> Tech Review / Date Admin Review / Date
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# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL  
Time of Inspection: 13:09

Date of Inspection: 03/04/2020

Serial Number: 80-001112  
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#:AG931603 Exp: 11/12/2021
0.000	0.049	0.079	0.200	0.079
0.000	0.049	0.079	0.201	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.048	0.079	0.201	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.049	0.080	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	0.079
0.000	0.049	0.080	0.198	0.079

Standard Deviations	0.0003	0.0004	0.0013	0.0000
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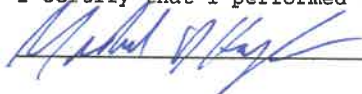
Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

SP  
BK  
3/16/2020

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

03/04/2020  
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001112	FHP	03/04/2020	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"/>

FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 03/04/2020 Software: 8100.27	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 03/04/2020 Software: 8100.27	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 03/04/2020 Software: 8100.27	FL HIGHWAY PATROL Intoxilyzer - Alcohol Analyzer Model 8000 03/04/2020 Software: 8100.27
Test g/210L Time Air Blank 0.000 10:03 Control Test 0.049 10:04 Air Blank 0.000 10:05 Control Test 0.048 10:05 Air Blank 0.000 10:06 Control Test 0.048 10:07 Air Blank 0.000 10:07 Control Test Stats Average 0.0483 Std Dev 0.0906 Rel Std Dev(%) 1.1945	Test g/210L Time Air Blank 0.000 10:09 Control Test 0.081 10:10 Air Blank 0.000 10:10 Control Test 0.079 10:11 Air Blank 0.000 10:12 Control Test 0.079 10:12 Air Blank 0.000 10:13 Control Test Stats Average 0.0797 Std Dev 0.0012 Rel Std Dev(%) 1.4494	Test g/210L Time Air Blank 0.000 10:19 Control Test 0.202 10:20 Air Blank 0.000 10:20 Control Test 0.199 10:21 Air Blank 0.000 10:21 Control Test 0.200 10:22 Air Blank 0.000 10:23 Control Test Stats Average 0.2003 Std Dev 0.0015 Rel Std Dev(%) 0.7525	Test g/210L Time Air Blank 0.000 10:25 Control Test 0.080 10:25 Air Blank 0.000 10:26 Control Test 0.080 10:26 Air Blank 0.000 10:26 Control Test 0.080 10:27 Air Blank 0.000 10:27 Control Test Stats Average 0.0800 Std Dev 0.0000 Rel Std Dev(%) 0.0000

DGS

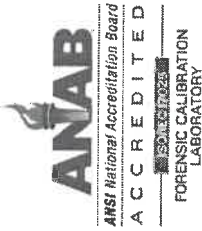
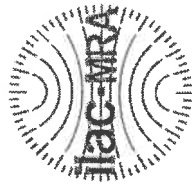
MK  
Operator's Signature

MK  
Operator's Signature

MK  
Operator's Signature

MK  
Operator's Signature

SP  
BK  
3/16/2020



# 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 80-001112, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001112</u>	UNCERTAINTY* ±	
Owning Agency:	<u>FL HIGHWAY PATROL</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>03/04/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>13:09</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).

### 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.

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

03/04/2020

Date

**MICHAEL D HAUGHEY,**  
Department Inspector

SP  
1SK  
3/16/2020

Service • Integrity • Respect • Quality

Flow Cal # 1

Lab Date = 03/15/2020  
DOB Period Regen = 02:15  
Sub Name =

LABORATORY  
SUBJECT: PATROL  
SUB SEX = F INTOXILYZER 8100  
Div Lic 105 REPORT Installation  
Officer = 08:47 03/14/2020

Operator =  
WILLIAM, D  
HITCHCOCK

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8100 SN 80-001112  
03/04/2020  
Operator: GREG, C  
SN 8100 27 0.000  
Control Test 1.082  
Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
2: Rate (Liters/min) = 5  
3: Rate (Liters/min) = 5  
SRTO(Off) ) = 7.000  
4: Rate (Liters/min) = 15  
5: Rate (Liters/min) = 15  
SRTO(Off) ) = 11.832  
6: Rate (Liters/min) = 30  
7: Rate (Liters/min) = 30  
SRTO(Off) ) = 20.973  
8: Rate (Liters/min) = 688  
9: Rate (Liters/min) = 688  
SRTO(Off) ) = 20.973  
Dependent Data Scale Factor = 110000  
Independent Data Scale Factor = 256  
Rounded Slope = 891  
Rounded Intercept = -677174  
Correlation = 0.99791

Lab Date = 03/15/2020

Flow Cal # 2

FL HIGHWAY PATROL  
Intoxilyzer - Alcohol Analyzer  
Model 8100 SN 80-001112  
03/04/2020  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SRTO(Off) ) = 6.926  
2: Rate (Liters/min) = 15  
SRTO(Off) ) = 11.832  
3: Rate (Liters/min) = 30  
SRTO(Off) ) = 20.973  
Dependent Data Scale Factor = 110000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 688  
Rounded Intercept = -667030  
Correlation = 0.99836

SB BK  
3/16/2020

Internal Printer Jam. 1<sup>st</sup> Flow cal Printed  
over an old breath test. Re ran Flow cal  
after jam fixed.

Consecutive Stamp 02