



INSTRUMENT PROCESSING SHEET

Agency Collier County Sheriff's Office

S/N 80-000942

Florida Department of Law Enforcement

Date In 01/03/2019 DI Completion Date 01/03/2019

Ship P/U H/D CMI EE

Intake Performed By <u>Deer</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 checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____		Quality Checks Performed By <u>Deer</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>218</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 106</u> 32 mm <u>.144</u> (.139 - .169) 36 mm <u>.164</u> (.156 - .190) 53 mm <u>.238</u> (.228 - .278) 103 mm <u>.488</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28663</u> <input checked="" type="checkbox"/> Stability Checks		Flow Calibration Performed By _____ 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)																																							
Final Release Date <p style="text-align: center;">FDLE</p> <p style="text-align: center;">JAN 14 2019</p> <p style="text-align: center;">Alcohol Testing Program</p>		<table border="1"> <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	Maintenance Performed By <u>Deer</u> <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input checked="" type="checkbox"/> Other <u>Form Load/Pass Changed</u>																								
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Notes/Suggested Service: <u>E-mailed</u> <input checked="" type="checkbox"/>		<div style="border: 1px solid red; padding: 5px; color: red; font-weight: bold; font-size: 1.2em;">APPROVED</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		<table border="1"> <tr> <td style="text-align: center;"> <u>P. P. M. 1/14/19</u> Tech Review / Date </td> <td style="text-align: center;"> <u>[Signature]</u> 1/14/19 Admin Review / Date </td> </tr> </table>		<u>P. P. M. 1/14/19</u> Tech Review / Date	<u>[Signature]</u> 1/14/19 Admin Review / Date																																						
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: COLLIER COUNTY SO
Time of Inspection: 14:34

Date of Inspection: 01/03/2019

Serial Number: 80-000942
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	0.081	0.197	0.078
0.000	0.050	0.081	0.199	0.078
0.000	0.050	0.081	0.200	0.078
0.000	0.050	0.081	0.200	0.078
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0.000	0.050	0.080	0.200	0.078

Standard Deviations	0.0003	0.0004	0.0009	0.0004
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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:

Pgm

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

01/03/2019
Date

*1/14/19
JO*

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000942	Collier County Sheriff's Office	01/03/2019	<i>Jerr</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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4680



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 80-000942, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000942</u>	UNCERTAINTY* ±	
Owning Agency:	<u>COLLIER COUNTY SO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>01/03/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>14:34</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.

01/03/2019

Date

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

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

1/4/19

WSP

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5490 (-0.0070)
Sample #2 = 1.5160 (0.0050)
Sample #3 = 1.5160 (0.0120)
Sample #4 = 1.5560 (0.0000)
Avg % Abs = 1.5293 (0.0057)
STD DEV = 0.0231 (0.0060)
REL STD DEV = 1.510 (106.371)

COLLIER COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/03/2019
SN 80-000942
11:28:25

Auto Calibration
Max Power Res Value = 32
Auto Range Res Value = 16

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12640, Sum Io = 14260
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1380 (-0.0200)
Sample #2 = 0.1090 (-0.0050)
Sample #3 = 0.1360 (0.0030)
Sample #4 = 0.1100 (0.0160)
Avg % Abs = 0.1183 (0.0047)
STD DEV = 0.0153 (0.0106)
REL STD DEV = 12.936 (227.116)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7310 (-0.0180)
Sample #2 = 3.7120 (0.0110)
Sample #3 = 3.7230 (0.0070)
Sample #4 = 3.7360 (0.0190)
Avg % Abs = 3.7237 (0.0123)
STD DEV = 0.0120 (0.0061)
REL STD DEV = 0.323 (49.541)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12633, Sum Io = 14259
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.8350 (-0.0240)
Sample #2 = 3.8400 (-0.0090)
Sample #3 = 3.8140 (0.0170)
Sample #4 = 3.8600 (-0.0060)
Avg % Abs = 3.8380 (0.0007)
STD DEV = 0.0231 (0.0142)
REL STD DEV = 0.601 (2133.657)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12638, Sum Io = 14263
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8800 (-0.0250)
Sample #2 = 0.8660 (-0.0100)
Sample #3 = 0.8790 (0.0200)
Sample #4 = 0.8630 (0.0230)
Avg % Abs = 0.8693 (0.0110)
STD DEV = 0.0085 (0.0182)
REL STD DEV = 0.978 (165.894)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.118
Std Dev = 0.02 Rel Std Dev = 12.94
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.869
Std Dev = 0.01 Rel Std Dev = 0.98
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 2.028
Std Dev = 0.01 Rel Std Dev = 0.30
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.838
Std Dev = 0.02 Rel Std Dev = 0.60
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.585
Std Dev = 0.01 Rel Std Dev = 0.26
Zero Order Coef = -269.02
First Order Coef = 2428.73
Second Order Coef = 31.70
Standard Deviation = 24.654371
<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.078
Std Dev = 0.01 Rel Std Dev = 11.58
Sol Val = 0.1915 mg/l or 0.040 g/210L
% Abs = 1.529
Std Dev = 0.02 Rel Std Dev = 1.51
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.724
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.095
Std Dev = 0.01 Rel Std Dev = 0.13
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.306
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -85.55
First Order Coef = 1260.71
Second Order Coef = 12.99
Standard Deviation = 22.678667

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12637, Sum Io = 14258
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.6180 (-0.0030)
Sample #2 = 5.5960 (0.0220)
Sample #3 = 5.5690 (0.0570)
Sample #4 = 5.5910 (0.0660)
Avg % Abs = 5.5853 (0.0483)
STD DEV = 0.0144 (0.0232)
REL STD DEV = 0.257 (48.093)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 10.3610 (-0.0230)
Sample #2 = 10.3160 (0.0500)
Sample #3 = 10.2980 (0.0610)
Sample #4 = 10.3050 (0.0700)
Avg % Abs = 10.3063 (0.0603)
STD DEV = 0.0091 (0.0100)
REL STD DEV = 0.088 (16.602)

Optical Calibration		
SN: 80-000942	Act	Fit
Agency: Collier County SO	g/210L	Residual
Date: 01/03/2019	0.000	0.000
Quadratic Fit: +/- 0.002g/210L	0.040	0.039
By: <i>Jell</i>	0.100	0.101
	0.200	0.200
	0.300	0.300

1/4/19
Jell

Comp

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3110.00
Sample #2 = 3235.00
Sample #3 = 3105.00
Sample #4 = 3204.00
Average Result = 3181.3333
STD DEV = 67.8994
REL STD DEV = 2.134

***** CHANNEL 2 *****
Sample #1 = 3523.00
Sample #2 = 3534.00
Sample #3 = 3523.00
Sample #4 = 3532.00
Average Result = 3529.6667
STD DEV = 5.8595
REL STD DEV = 0.166

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 628
9 um H2O Adjust (mg/l*10,000) = 280
***** AUTO CAL PASS *****

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3110.00
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Sample #3 = 3105.00
Sample #4 = 3204.00
Average Result = 3181.3333
STD DEV = 67.8994
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***** CHANNEL 2 *****
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Average Result = 3529.6667
STD DEV = 5.8595
REL STD DEV = 0.166

Lab 80

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-000942	Collier County Sheriff's Office	01/03/2019	Deek

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD3967 Temp: 34.08c 0.047 to 0.053 <input checked="" type="checkbox"/>	SN: SD3968 Temp: 34.08c 0.077 to 0.083 <input checked="" type="checkbox"/>	SN: SD3969 Temp: 34.09c 0.194 to 0.206 <input checked="" type="checkbox"/>	Lot AG805701 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
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2/4/19