



# INSTRUMENT PROCESSING SHEET

Agency Orange County SO S/N 80-001418

Florida Department of Law Enforcement

Date In 05/15/2018 DI Completion Date 5/17/18  Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>JD</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: _____	<b>Quality Checks</b> Performed By <u>Q</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>208</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>A7P103</u> 32 mm <u>151</u> (.139 - .169) 36 mm <u>164</u> (.156 - .190) 53 mm <u>232</u> (.228 - .278) 103 mm <u>500</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks	<b>Flow Calibration</b> 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)
<b>Final Release Date</b> <div style="text-align: center;"> <b>FDLE</b>  <b>MAY 17 2018</b>  <b>Alcohol Testing Program</b> </div>		<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>Q</u> <input checked="" type="checkbox"/> Lab Temp °C <u>21.4</u> External Digital Therm. ID#: <u>300502</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>G2835</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>G2840</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1025</u>

<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>Q</u> Barometric Pressure ID# <u>28427</u> Gauge <u>1010</u> Instrument <u>1009</u> Mouth Alcohol Solution Lot # <u>2016-C</u> Acetone Stock Solution Lot # <u>2018-A</u> <table border="1"> <thead> <tr><th>Simulator</th><th>Serial Number</th></tr> </thead> <tbody> <tr><td>0.000</td><td>G2880</td></tr> <tr><td>Interferent</td><td>G2407</td></tr> <tr><td>0.050</td><td>G2835</td></tr> <tr><td>0.080</td><td>G2840</td></tr> <tr><td>0.200</td><td>SD1025</td></tr> </tbody> </table>	Simulator	Serial Number	0.000	G2880	Interferent	G2407	0.050	G2835	0.080	G2840	0.200	SD1025
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<b>Attachments</b> <input checked="" type="checkbox"/> Form 41 <input type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Stability Checks <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Form 40 <input type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Other _____																																																													

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

SP 5/17/18 J. Dahan 5/17/18  
 Tech Review / Date Admin Review / Date

# Florida Department of Law Enforcement Alcohol Testing Program

## DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.  
Time of Inspection: 12:39

Date of Inspection: 05/17/2018

Serial Number: 80-001418  
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#:AG805702 Exp: 02/26/2020
0.000	0.048	0.080	0.199	0.080
0.000	0.049	0.081	0.202	0.080
0.000	0.049	0.081	0.203	0.079
0.000	0.049	0.081	0.202	0.080
0.000	0.049	0.081	0.202	0.080
0.000	0.050	0.081	0.202	0.079
0.000	0.050	0.081	0.202	0.079
0.000	0.049	0.081	0.201	0.079
0.000	0.050	0.081	0.201	0.079
0.000	0.051	0.082	0.202	0.079

Standard Deviations	0.0008	0.0004	0.0010	0.0005
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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:

SP

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.

JAKE L SHANAHAN

Signature and Printed Name

05/17/2018  
Date

5/17/18  
JD



80-001418  
 Stability Checks  
 5/17/18

ORANGE COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001418  
 05/17/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:49
Control Test	0.080	10:50
Air Blank	0.000	10:50
Control Test	0.080	10:51
Air Blank	0.000	10:51
Control Test	0.080	10:52
Air Blank	0.000	10:53
Control Test	0.080	10:53
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ORANGE COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001418  
 05/17/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:37
Control Test	0.048	10:37
Air Blank	0.000	10:38
Control Test	0.049	10:39
Air Blank	0.000	10:39
Control Test	0.049	10:40
Air Blank	0.000	10:40
Control Test	0.000	10:40
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

INTOXILYZER 8000  
 Instrument Initialization  
 09:33 05/17/2018

ORANGE COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001418  
 05/17/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:01
Control Test	0.080	10:01
Air Blank	0.000	10:02
Control Test	0.081	10:02
Air Blank	0.000	10:03
Control Test	0.081	10:03
Air Blank	0.000	10:04
Control Test	0.000	10:04
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

Operator's Signature

5/17/18  
 JD

ORANGE COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001418  
 05/17/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:03
Control Test	0.000	11:03
Air Blank	0.000	11:04
Control Test	0.000	11:04
Air Blank	0.000	11:05
Control Test	0.000	11:05
Air Blank	0.000	11:05
Control Test	0.000	11:05
Control Test Stats		
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Can Dry Stability or  
 Accident when meant  
 to run a wet.  
 Rerun

SP

Operator's Signature

ORANGE COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001418  
 05/17/2018  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:06
Control Test	0.199	11:07
Air Blank	0.000	11:07
Control Test	0.199	11:08
Air Blank	0.000	11:09
Control Test	0.200	11:09
Air Blank	0.000	11:10
Control Test	0.000	11:10
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Operator's Signature



Florida Department of Law Enforcement  
 Alcohol Testing Program  
 2729 Fort Knox Blvd.  
 Bldg. 2, Suite 1300  
 Tallahassee, FL 32308

# Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001418, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001418</u>	UNCERTAINTY* ±
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L 0.004
Calibration Date:	<u>05/17/2018</u>	0.080 g/ 210 L 0.005
Calibration Time:	<u>12:39</u>	0.200 g/ 210 L 0.008
		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% 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.

05/17/2018 Date JAKE L SHANAHAN, SP

Department Inspector

Service • Integrity • Respect • Quality

FDLE/ATP Form 69 March 2018  
 Issuing Authority: Alcohol Testing Program

5/17/18  
 JS