FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Orange County SO S/N 80-001420

Date In 06/21/18 DI Completion Date 6/26/18 ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By SDC

- ☑ 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

JUN 26 2018

Alcohol Testing Program

Quality Checks Performed By SDC

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 201
- ☑ Flow Verification (L/s)

Flow Column # ATP103

32 mm	148	(.139 - .169)
36 mm	167	(.156 - .190)
53 mm	240	(.228 - .278)
103 mm	488	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	20170717 / 7/25/19
0.080	DR1275	20170716 / 7/25/19
0.200	SD1019	20170717 / 7/24/19
0.080 DGS	N/A	AG805702 / 2/26/20

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 SDC

- ☑ Lab Temp °C 20.9

External Digital Therm. ID#: 300503

- ☑ 34°C +-.2 Serial #: SD1021
- ☑ 34°C +-.2 Serial #: DR1275
- ☑ 34°C +-.2 Serial #: SD1019

Calibration Adjustment Performed By _____

Barometric Pressure Gauge _____ ID # _____

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		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By SDC

Barometric Pressure ID# 28427

Gauge 1016 Instrument 1015

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 248-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3655
0.050	SD1021
0.080	DR1275
0.200	SD1019

Attachments

- ☑ Form 41
- ☑ Stability Checks
- ☑ Calibration Certificate
- ☐ Calibration Adjustment
- ☐ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ 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**

SDC 6/26/18 Tech Review / Date

[signature] 6/26/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.
Time of Inspection: 09:56
Date of Inspection: 06/26/2018
Serial Number: 80-001420
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	0.198	0.080
0.000	0.048	0.080	0.200	0.080
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.200	0.080
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.200	0.080
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.200	0.079

Standard Deviations	0.0004	0.0000	0.0009	0.0005

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

Remarks:

JSM

The above instrument complies (X) 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

06/26/2018
Date

6/26/18
JS

FDLE/ATP Form 41 –Revised August 2005

80-001420
Stability Checks
6/26/18

INTOXILYZER 8000
Instrument Initialization
07:07 06/26/2018

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
06/26/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:37
Control Test	0.079	07:37
Air Blank	0.000	07:38
Control Test	0.080	07:38
Air Blank	0.000	07:39
Control Test	0.079	07:39
Air Blank	0.000	07:39
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DGS

Operator's Signature

DGM

6/26/18

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
06/26/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:42
Control Test	0.195	07:43
Air Blank	0.000	07:44
Control Test	0.196	07:44
Air Blank	0.000	07:45
Control Test	0.196	07:46
Air Blank	0.000	07:46
Control Test Stats		
Average	0.1957	
Std Dev	0.0006	
Rel Std Dev(%)	0.2951	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
06/26/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:48
Control Test	0.079	07:48
Air Blank	0.000	07:49
Control Test	0.079	07:50
Air Blank	0.000	07:50
Control Test	0.079	07:51
Air Blank	0.000	07:51
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
06/26/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:58
Control Test	0.048	07:59
Air Blank	0.000	08:00
Control Test	0.049	08:00
Air Blank	0.000	08:01
Control Test	0.049	08:02
Air Blank	0.000	08:02
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

FDLE

Calibration Certificate

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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001420, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001420
Owning Agency:	ORANGE COUNTY S.O.
Calibration Date:	06/26/2018
Calibration Time:	09:56

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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.

06/26/2018
Date

JAKE L SHANAHAN,
Department Inspector

RDM 6/26/18 JD