INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Florida Highway Patrol S/N 80-003407

Date In 05/17/2018 DI Completion Date 5/30/18 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By JD

- ☑ 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: 1 foot missing (back left on dry gas shelf)

Final Release Date

FDLE

MAY 30 2018

Alcohol Testing Program

Quality Checks Performed By

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 204
- ☑ Flow Verification (L/s)

Flow Column # ATP103

32 mm	113	(.139 - .169)
36 mm	136	(.156 - .190)
53 mm	195	(.228 - .278)
103 mm	460	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D
		07/25/2019
0.080	DR1275	201707E
		07/25/2019
0.200	SD1019	201707C
		07/24/2019
0.080 DGS	N/A	AG805702
		02/26/2020

Flow Calibration Performed By

Flow Column # ATP102

- ☑ 5L/min – 17mm
- ☑ 15L/min – 53mm
- ☑ 30L/min – 103mm
- ☑ R-Value 202
- ☑ Post Calibration Verification (L/s)

Flow Column # ATP103

32 mm	148	(.139 - .169)
36 mm	166	(.156 - .190)
53 mm	232	(.228 - .278)
103 mm	503	(.447 - .547)

Maintenance Performed By

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

Temperature Checks Performed By

- ☑ Lab Temp °C 21.8

External Digital Therm. ID#: 300502

- ☑ 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

Barometric Pressure ID# 28427

Gauge 1014 Instrument 1010

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1019

Attachments

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

Notes/Suggested Service: Please charge level 2 PW to something unique.

- ☑ **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**

5/30/18 Tech Review / Date

5/30/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 09:37
Date of Inspection: 05/30/2018
Serial Number: 80-003407
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	0.049	0.081	0.200	0.078
0.000	0.050	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.049	0.081	0.200	0.077
0.000	0.050	0.081	0.200	0.077
0.000	0.050	0.082	0.200	0.077
0.000	0.050	0.081	0.200	0.077
0.000	0.050	0.082	0.200	0.077
0.000	0.050	0.081	0.200	0.077
0.000	0.050	0.082	0.200	0.077
Standard Deviations	0.0004	0.0004	0.0000	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

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

05/30/2018
Date

5/30/18

FDLE/ATP Form 41 –Revised August 2005

80-003407
Stability Checks
5/30/18

INTOXILYZER 8000
Instrument Initialization
07:05 05/30/2018

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Flow Cal

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.707
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.746
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.949
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 680
Rounded Intercept = -618646
Correlation = 0.99863

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:33
Control Test	0.077	07:33
Air Blank	0.000	07:34
Control Test	0.077	07:34
Air Blank	0.000	07:34
Control Test	0.077	07:35
Air Blank	0.000	07:35
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:36
Control Test	0.194	07:37
Air Blank	0.000	07:37
Control Test	0.194	07:38
Air Blank	0.000	07:39
Control Test	0.196	07:39
Air Blank	0.000	07:40
Control Test Stats		
Average	0.1947	
Std Dev	0.0012	
Rel Std Dev(%)	0.5932	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:41
Control Test	0.077	07:41
Air Blank	0.000	07:42
Control Test	0.078	07:43
Air Blank	0.000	07:43
Control Test	0.080	07:44
Air Blank	0.000	07:44
Control Test Stats		
Average	0.0783	
Std Dev	0.0015	
Rel Std Dev(%)	1.9500	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:46
Control Test	0.196	07:46
Air Blank	0.000	07:47
Control Test	0.196	07:48
Air Blank	0.000	07:48
Control Test	0.196	07:49
Air Blank	0.000	07:49
Control Test Stats		
Average	0.1960	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Ran this 2x on accident
Connected wrong Sim.

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
05/30/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:50
Control Test	0.047	07:51
Air Blank	0.000	07:52
Control Test	0.049	07:52
Air Blank	0.000	07:53
Control Test	0.048	07:53
Air Blank	0.000	07:54
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

Operator's Signature

5/30/18

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 80-003407, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-003407
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	05/30/2018
Calibration Time:	09:37

	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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

05/30/2018
Date

JAKE L SHANAHAN,
Department Inspector

5/30/18

INSTRUMENT PROCESSING SHEET

FDLE
Florida Department of Law Enforcement

Agency Florida Highway Patrol S/N 80-003407

Date In 11/13/17 DI Completion Date 1/18/18 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By

- ☑ 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

JAN 18 2018

Alcohol Testing Program

Quality Checks Performed By

- ☒ Breath Tube Screen
- ☒ Replace External O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 192
- ☑ Flow Verification (L/s)

Flow Column # A7P105

32 mm	149	(.139 - .169)
36 mm	163	(.156 - .190)
53 mm	241	(.228 - .278)
103 mm	564	(.447 - .547)

- ☒ Barometric Pressure Check

Gauge ID # 28427

- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	G-2835	2017070 / 7/25/19
0.080	SD1013	2017076 / 7/25/19
0.200	SD1025	2017076 / 7/24/19
0.080 DGS	N/A	AG-708507 / 3/27/19

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

- ☒ Lab Temp °C 20.9

External Digital Therm. ID#: 3605CH

- ☒ 34°C +-.2 Serial #: G-2835
- ☒ 34°C +-.2 Serial #: SD1013
- ☐ 34°C +-.2 Serial #: SD1025

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

Barometric Pressure ID# 28427

Gauge 1029 Instrument 1028

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	G-2880
Interferent	G-2840
0.050	G-2835
0.080	SD1013
0.200	SD1025

Attachments

☒ Form 41	☐ Flow Calibration
☑ Stability Checks	☒ Form 40
☐ Calibration Adjustment	☒ Other Cal cert
☐ Post-Stability Checks	

Notes/Suggested Service:

- Please change level 2 P.W. to Something Unique.

☒ **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**

1/18/2018 Tech Review / Date

1/18/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 10:29
Date of Inspection: 01/18/2018
Serial Number: 80-003407
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#:AG708807 Exp: 03/29/2019
0.000	0.051	0.082	0.201	0.079
0.000	0.051	0.082	0.201	0.080
0.000	0.051	0.083	0.202	0.079
0.000	0.051	0.083	0.202	0.079
0.000	0.051	0.082	0.202	0.079
0.000	0.051	0.083	0.202	0.080
0.000	0.051	0.083	0.202	0.080
0.000	0.051	0.083	0.202	0.080
0.000	0.050	0.083	0.202	0.079
0.000	0.051	0.082	0.202	0.079

Standard Deviations	0.0003	0.0005	0.0004	0.0005

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

Remarks:

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

01/18/2018
Date

FDLE/ATP Form 41 –Revised August 2005

80-003407
Stability Checks
1/18/18

INTOXILYZER 8000
Instrument Initialization
06:43 01/18/2018

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
01/18/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:27
Control Test	0.079	07:27
Air Blank	0.000	07:28
Control Test	0.079	07:28
Air Blank	0.000	07:28
Control Test	0.079	07:29
Air Blank	0.000	07:29
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

Operator's Signature

11/20/18

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
01/18/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:32
Control Test	0.200	07:33
Air Blank	0.000	07:33
Control Test	0.200	07:34
Air Blank	0.000	07:35
Control Test	0.201	07:35
Air Blank	0.000	07:36
Control Test Stats		
Average	0.2003	
Std Dev	0.0006	
Rel Std Dev(%)	0.2882	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
01/18/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:38
Control Test	0.082	07:38
Air Blank	0.000	07:39
Control Test	0.082	07:39
Air Blank	0.000	07:40
Control Test	0.082	07:41
Air Blank	0.000	07:41
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-003407
01/18/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:53
Control Test	0.050	07:54
Air Blank	0.000	07:55
Control Test	0.050	07:55
Air Blank	0.000	07:56
Control Test	0.051	07:57
Air Blank	0.000	07:57
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

Operator's Signature

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: FL HIGHWAY PATROL
Time of Inspection: 07:18 Date of Inspection: 01/18/2018 Serial Number: 80-003407
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: ____

Remarks:
BYPASS TO OPERATE

RJM

Not a compliance check

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

JAKE L SHANAHAN
Signature and Printed Name

01/18/2018
Date

1/18/18
JLS

FDLE/ATP Form 40 – March 2004

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 80-003407 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-003407
Owning Agency:	FL HIGHWAY PATROL
Calibration Date:	01/18/2018
Calibration Time:	10:29

	UNCERTAINTY* ±
0.05 g/ 210 L	0.004
0.08 g/ 210 L	0.005
0.20 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 Tartget 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.

01/18/2018
Date

JAKE L SHANAHAN,
Department Inspector