FDLE

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol S/N 80-001110

Date In 07/03/2018 DI Completion Date 07/05/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By ADH

- ☑ 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

JUL 17 2018

Alcohol Testing Program

Quality Checks Performed By DELL

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 175
- ☑ Flow Verification (L/s)

Flow Column # ATP 101

32 mm	.148	(.139 - .169)
36 mm	.167	(.156 - .190)
53 mm	.230	(.228 - .278)
103 mm	.503	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28199

- ☑ Stability Checks

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

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 DELL

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

Temperature Checks Performed By DELL

- ☑ Lab Temp °C 22.66C

External Digital Therm. ID#: 300949

- ☑ 34°C +-.2 Serial #: SD3967
- ☑ 34°C +-.2 Serial #: SD3968
- ☑ 34°C +-.2 Serial #: SD3969

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 DELL

Barometric Pressure ID# 68639

Gauge 1018 Instrument 1019

Mouth Alcohol Solution Lot # 2017-B

Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed ✓ APPROVED

- ☑ **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**

7/17/18 — Tech Review / Date

7/17/18 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 12:18
Date of Inspection: 07/05/2018
Serial Number: 80-001110
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	0.050	0.081	0.197	0.080
0.000	0.050	0.082	0.199	0.080
0.000	0.049	0.082	0.201	0.080
0.000	0.050	0.081	0.201	0.080
0.000	0.050	0.081	0.200	0.080
0.000	0.050	0.081	0.199	0.079
0.000	0.050	0.082	0.200	0.080
0.000	0.050	0.081	0.199	0.080
0.000	0.050	0.082	0.199	0.079
0.000	0.050	0.081	0.199	0.079

Standard Deviations	0.0003	0.0005	0.0011	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 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.

DAVID E REYES-RIVERA
Signature and Printed Name

07/05/2018
Date

7/17/18

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001110	Florida Highway Patrol	07/05/2018	DCLL

0.05g/210L

SN: SD3967 Temp: 34.07c

0.047 to 0.053 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	06:56
Control Test	0.049	06:56
Air Blank	0.000	06:57
Control Test	0.050	06:58
Air Blank	0.000	06:58
Control Test	0.050	06:59
Air Blank	0.000	06:59

Control Test Stats

Average	0.0497
Std Dev	0.0006
Rel Std Dev(%)	1.1625

DCLL
Operator's Signature

7/18

0.08g/210L

SN: SD3968 Temp: 34.07c

0.077 to 0.083 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:01
Control Test	0.081	07:02
Air Blank	0.000	07:02
Control Test	0.081	07:03
Air Blank	0.000	07:03
Control Test	0.081	07:04
Air Blank	0.000	07:05

Control Test Stats

Average	0.0813
Std Dev	0.0000
Rel Std Dev(%)	0.0000

DCLL
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.08c

0.194 to 0.206 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:06
Control Test	0.198	07:07
Air Blank	0.000	07:08
Control Test	0.199	07:08
Air Blank	0.000	07:09
Control Test	0.198	07:10
Air Blank	0.000	07:10

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

DCLL
Operator's Signature

DGS 0.08g/210L

Lot AG805701

0.077 to 0.083 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:12
Control Test	0.080	07:12
Air Blank	0.000	07:12
Control Test	0.080	07:13
Air Blank	0.000	07:13
Control Test	0.079	07:14
Air Blank	0.000	07:14

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

DCLL
Operator's Signature

AGM

FDLE

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 80-001110, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-001110		
Owning Agency:	FHP TROOP E MIAMI	0.050 g/ 210 L	0.004
Calibration Date:	07/05/2018	0.080 g/ 210 L	0.005
Calibration Time:	12:18	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.

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07/05/2018
Date

DAVID E REYES-RIVERA,
Department Inspector

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol Troop E S/N 80-001110

Date In 1/29/2018 DI Completion Date 1/29/2018 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By DERR

☑ 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

FEB 09 2018

Alcohol Testing Program

Quality Checks Performed By DERR

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 173
☑ Flow Verification (L/s)
Flow Column # ATP 101
32 mm .156 (.139 - .169)
36 mm .171 (.156 - .190)
53 mm .242 (.228 - .278)
103 mm .503 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28663
☑ Stability Checks

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	AG626604 09/22/2018

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 DERR

☑ Lab Temp °C 22.30c
External Digital Therm. ID#: 300918
☑ 34°C +-.2 Serial #: SD3967
☑ 34°C +-.2 Serial #: SD3968 DERR
☑ 34°C +-.2 Serial #: SD3969

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 DERR

Barometric Pressure ID# 68639
Gauge 1014 Instrument 1015
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD3966
0.050	SD3967
0.080	SD3968 DERR
0.200	SD3969

Attachments

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

Notes/Suggested Service: E-mailed ✓ APPROVED

☑ **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**

2/8/18 Tech Review / Date
2/9/18 Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP E MIAMI
Time of Inspection: 13:33
Date of Inspection: 01/29/2018
Serial Number: 80-001110
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#:AG626604 Exp: 09/22/2018
0.000	0.049	0.081	0.198	0.079
0.000	0.050	0.081	0.199	0.079
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.081	0.199	0.079
0.000	0.050	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	0.050	0.080	0.199	0.078
0.000	0.050	0.080	0.199	0.079
0.000	0.050	0.080	0.199	0.079
Standard Deviations	0.0004	0.0004	0.0003	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 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.

DAVID E REYES-RIVERA
Signature and Printed Name

01/29/2018
Date

2/9/18

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001110	Florida Highway Patrol	01/29/2018	DERR

0.05g/210L

SN: SD3967 Temp: 34.07c

0.047 to 0.053 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
01/29/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:03
Control Test	0.050	11:03
Air Blank	0.000	11:04
Control Test	0.049	11:05
Air Blank	0.000	11:05
Control Test	0.049	11:06
Air Blank	0.000	11:06
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

DERR
Operator's Signature

8/6/18

0.08g/210L

SN: SD3968 Temp: 34.01c

0.077 to 0.083 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
01/29/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:08
Control Test	0.080	11:08
Air Blank	0.000	11:09
Control Test	0.080	11:10
Air Blank	0.000	11:10
Control Test	0.080	11:11
Air Blank	0.000	11:11
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DERR
Operator's Signature

0.20g/210L

SN: SD3969 Temp:34.07c

0.194 to 0.206 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
01/29/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:13
Control Test	0.199	11:13
Air Blank	0.000	11:14
Control Test	0.198	11:15
Air Blank	0.000	11:15
Control Test	0.198	11:16
Air Blank	0.000	11:16
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

DERR
Operator's Signature

DGS 0.08g/210L

Lot AG626604

0.077 to 0.083 ☑

FHP TROOP E MIAMI
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001110
01/29/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:18
Control Test	0.080	11:18
Air Blank	0.000	11:18
Control Test	0.080	11:19
Air Blank	0.000	11:19
Control Test	0.079	11:20
Air Blank	0.000	11:20
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DERR
Operator's Signature

USB

FDLE

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 80-001110 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-001110		UNCERTAINTY* ±
Owning Agency:	FHP TROOP E MIAMI	0.05 g/ 210 L	0.004
Calibration Date:	01/29/2018	0.08 g/ 210 L	0.005
Calibration Time:	13:33	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.

01/29/2018
Date

DAVID E REYES-RIVERA,
Department Inspector

2/9/18