FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Florida Highway Patrol S/N 80-006764

Date In 8/13/2018 DI Completion Date 8/16/18 ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By SQC

☒ 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:

Quality Checks Performed By

☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 218
☒ Flow Verification (L/s)
Flow Column # A7P103
32 mm 149 (.139 - .169)
36 mm 175 (.156 - .190)
53 mm 238 (.228 - .278)
103 mm 500 (.447 - .547)
☒ Barometric Pressure Check
Gauge ID # 28427
☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D 7/25/19
0.080	DR1275	201707E 7/25/19
0.200	SD1013	201707C 7/24/19
0.080 DGS	N/A	AG805701 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

☒ Lab Temp °C 21.8
External Digital Therm. ID#: 300503
☒ 34°C +-.2 Serial #: SD1021
☒ 34°C +-.2 Serial #: DR1275
☒ 34°C +-.2 Serial #: SD1013

Final Release Date

FDLE
AUG 20 2018
Alcohol Testing Program

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 1018 Instrument 1019
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2015-A

Simulator	Serial Number
0.000	G11621
Interferent	DR 3855
0.050	SD1021
0.080	DR1275
0.200	SD1013

Attachments

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

Notes/Suggested Service: AI: Change level 2 PN 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**

8/16/18 8/20/18
Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP G
Time of Inspection: 10:24 Date of Inspection: 08/16/2018

Serial Number: 80-006764
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	0.079	0.197	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.198	0.078
0.000	0.049	0.080	0.197	0.078
0.000	0.049	0.079	0.199	0.078
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.079	0.199	0.079
0.000	0.049	0.080	0.199	0.078

Standard Deviations	0.0000	0.0005	0.0007	0.0003

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5 PJM

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

08/16/2018
Date

8/20/18 JS

FDLE/ATP Form 41 –Revised August 2005

80-006764
Stability checks
8/16/18

INTOXILYZER 8000
Instrument Initialization
07:26 08/16/2018

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/16/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:54
Control Test	0.078	07:55
Air Blank	0.000	07:55
Control Test	0.078	07:56
Air Blank	0.000	07:56
Control Test	0.079	07:56
Air Blank	0.000	07:57
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

DGS

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/16/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:58
Control Test	0.194	07:59
Air Blank	0.000	07:59
Control Test	0.195	08:00
Air Blank	0.000	08:00
Control Test	0.196	08:01
Air Blank	0.000	08:02
Control Test Stats		
Average	0.1950	
Std Dev	0.0010	
Rel Std Dev(%)	0.5128	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/16/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:07
Control Test	0.079	08:08
Air Blank	0.000	08:09
Control Test	0.078	08:09
Air Blank	0.000	08:10
Control Test	0.079	08:11
Air Blank	0.000	08:11
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
08/16/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:14
Control Test	0.047	08:14
Air Blank	0.000	08:15
Control Test	0.048	08:15
Air Blank	0.000	08:16
Control Test	0.048	08:17
Air Blank	0.000	08:17
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

Operator's Signature

PSM
8/20/18

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 80-006764 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-006764		
Owning Agency:	FHP TROOP G	0.050 g/ 210 L	0.004
Calibration Date:	08/16/2018	0.080 g/ 210 L	0.005
Calibration Time:	10:24	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 99.73% 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.

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08/16/2018
Date

JAKE L SHANAHAN,
Department Inspector

8/28/18

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency FL Highway Patrol S/N 80-006764

Date In 02/26/2018 DI Completion Date 2/28/18 ☐Ship ☐P/U ☑H/D ☐CMI ☐EE

Intake Performed By RMB

☑ 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: Dry Gas Tank on back (Hand Delivered)

Quality Checks Performed By

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 235
☑ Flow Verification (L/s)
Flow Column # ATP102
32 mm 157 (.139 - .169)
36 mm 170 (.156 - .190)
53 mm 249 (.228 - .278)
103 mm 508 (.447 - .547)
☑ Barometric Pressure Check
Gauge ID # 28427
☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	G2835	201707D 07/25/2019
0.080	SD1013	201707E 07/25/2019
0.200	SD1025	201707C 07/24/2019
0.080 DGS	N/A	AG715202 6/1/19

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 21.8
External Digital Therm. ID#: 300502
☑ 34°C +-.2 Serial #: G2835
☑ 34°C +-.2 Serial #: SD1013
☑ 34°C +-.2 Serial #: SD1025

Final Release Date

FDLE
MAR 01 2018
Alcohol Testing Program

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 1019 Instrument 1020
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G2880
Interferent	G8144
0.050	G2835
0.080	SD1013
0.200	SD1025

Attachments

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

Notes/Suggested Service:

E-MAILED 2/28/18
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**

RDM 2/28/18 — Tech Review / Date
3/1/18 — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP TROOP G
Time of Inspection: 10:42
Date of Inspection: 02/28/2018
Serial Number: 80-006764
Software: 8100.27

VBC

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#:AG715202 Exp: 06/01/2019
0.000	0.049	0.081	0.199	0.079
0.000	0.049	0.082	0.199	0.080
0.000	0.049	0.082	0.199	0.080
0.000	0.049	0.082	0.199	0.079
0.000	0.049	0.082	0.198	0.079
0.000	0.049	0.083	0.199	0.079
0.000	0.049	0.082	0.199	0.079
0.000	0.049	0.082	0.199	0.080
0.000	0.050	0.082	0.199	0.079
0.000	0.049	0.082	0.199	0.079

Standard Deviations	0.0003	0.0004	0.0003	0.0004

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.

JAKE L SHANAHAN
Signature and Printed Name

02/28/2018
Date

3/1/18

FDLE/ATP Form 41 –Revised August 2005

SU-006764
Stability Checks
2/28/18

INTOXILYZER 8000
Instrument Initialization
07:43 02/28/2018

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
02/28/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:37
Control Test	0.079	08:37
Air Blank	0.000	08:37
Control Test	0.078	08:38
Air Blank	0.000	08:38
Control Test	0.079	08:39
Air Blank	0.000	08:39
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

Operator's Signature

DG 2/28/18

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
02/28/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:40
Control Test	0.196	08:41
Air Blank	0.000	08:41
Control Test	0.197	08:42
Air Blank	0.000	08:42
Control Test	0.197	08:43
Air Blank	0.000	08:44
Control Test Stats		
Average	0.1967	
Std Dev	0.0006	
Rel Std Dev(%)	0.2936	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
02/28/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:45
Control Test	0.080	08:45
Air Blank	0.000	08:46
Control Test	0.081	08:46
Air Blank	0.000	08:47
Control Test	0.080	08:48
Air Blank	0.000	08:48
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

Operator's Signature

FHP TROOP G
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006764
02/28/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:49
Control Test	0.048	08:50
Air Blank	0.000	08:50
Control Test	0.049	08:51
Air Blank	0.000	08:52
Control Test	0.049	08:52
Air Blank	0.000	08:53
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

PDM

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 80-006764, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006764		UNCERTAINTY* ±
Owning Agency:	FHP TROOP G	0.05 g/ 210 L	0.004
Calibration Date:	02/28/2018	0.08 g/ 210 L	0.005
Calibration Time:	10:42	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.

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02/28/2018
Date

JAKE L SHANAHAN,
Department Inspector

3/1/18