



INSTRUMENT PROCESSING SHEET

Agency Holmes County FHPS/N 80-000785

Florida Department of Law Enforcement

Date In 02/20/2020DI Completion Date 2/26/20 Ship P/U H/D CMI EE

Intake Performed By <u>RAW</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 type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	Quality Checks Performed By <u>SP</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>219</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP-103</u> 32 mm <u>0.164</u> (.139 - .169) 36 mm <u>0.179</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>30793</u> <input checked="" type="checkbox"/> Stability Checks	Flow Calibration 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)
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Final Release Date

FDLE

FEB 26 2020

Alcohol Testing Program

Simulator	Serial #	Lot #/Exp
0.050	SD1012	201905A 05-14-2021
0.080	DR1279	201905B 05-14-2021
0.200	SD1011	201904D 07-30-2021
0.080 DGS	N/A	AG 931603 11-12-2021

Maintenance Performed By _____

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Temperature Checks Performed By SP

Lab Temp °C 21.2
 External Digital Therm. ID#: 300502
 34°C +/- .2 Serial #: MP5088
 34°C +/- .2 Serial #: MP5089
 34°C +/- .2 Serial #: MP5090

Calibration Adjustment Performed By SP

Barometric Pressure Gauge 1012 ID # 28421

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5091	N/A	N/A
0.040	MP5082	19080	3-4-21
0.100	MP5083	19160	7-9-21
0.200	MP5084	19040	1-29-21
0.300	MP5085	19010	1-3-21
0.080 DGS	N/A	08819080A1	6-5-21

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5088	201905A	5-14-21
0.080	MP5089	201905B	5-14-21
0.200	MP5090	201904D	4-30-21
0.080 DGS	N/A	AG931603	11-12-21

Department Inspection Performed By SP

Barometric Pressure ID# 30793
 Gauge 1012 Instrument 1013
 Mouth Alcohol Solution Lot # 2019-B
 Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

<input checked="" type="checkbox"/> Form 41	<input checked="" type="checkbox"/> Post-Stability Checks
<input type="checkbox"/> Stability Checks	<input type="checkbox"/> Flow Calibration
<input checked="" type="checkbox"/> Calibration Certificate	<input type="checkbox"/> Form 40
<input checked="" type="checkbox"/> Calibration Adjustment	<input type="checkbox"/> Other _____

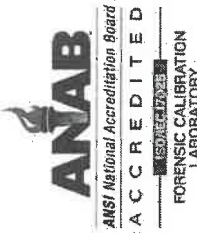
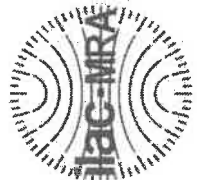
Notes/Suggested Service: _____

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

SPM 2/26/20 Ruth Kirkland 2/26/2020
 Tech Review / Date Admin Review / Date



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 80-000785, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000785</u>	UNCERTAINTY* ±	
Owning Agency:	<u>FHP</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/26/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>11:48</u>	0.200 g/ 210 L	0.007
		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.

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

Shayla Platt

02/26/2020

Date SHAYLA D PLATT,

Department Inspector

FDLE/ATP Form 69 January 2020
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

CPM BSK 2/26/2020

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FHP

Time of Inspection: 11:48

Date of Inspection: 02/26/2020

Serial Number: 80-000785

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#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.049	0.079	0.200	0.081
0.000	0.050	0.078	0.202	0.080
0.000	0.050	0.078	0.201	0.080
0.000	0.049	0.079	0.202	0.080
0.000	0.050	0.079	0.201	0.080
0.000	0.049	0.079	0.201	0.080
0.000	0.050	0.078	0.201	0.081
0.000	0.049	0.079	0.201	0.080
0.000	0.049	0.078	0.201	0.082
0.000	0.050	0.079	0.202	0.081

Standard Deviations	0.0005	0.0005	0.0006	0.0007
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

B/K
2/26/2020

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.

Shayla Platt


SHAYLA D PLATT
Signature and Printed Name

02/26/2020
Date

Stability Checks

FHP
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000785
 02/21/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:16
Control Test	0.047	08:17
Air Blank	0.000	08:18
Control Test	0.047	08:18
Air Blank	0.000	08:19
Control Test	0.047	08:19
Air Blank	0.000	08:20
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	



 Operator's Signature

FHP
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000785
 02/21/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:22
Control Test	0.076	08:22
Air Blank	0.000	08:23
Control Test	0.076	08:24
Air Blank	0.000	08:24
Control Test	0.076	08:25
Air Blank	0.000	08:25
Control Test Stats		
Average	0.0760	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

wet



 Operator's Signature

FHP
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000785
 02/21/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.196	08:27
Air Blank	0.000	08:28
Control Test	0.197	08:28
Air Blank	0.000	08:29
Control Test	0.196	08:30
Air Blank	0.000	08:30
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	




 Operator's Signature

FHP
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-000785
 02/21/2020
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:37
Control Test	0.080	08:38
Air Blank	0.000	08:38
Control Test	0.081	08:38
Air Blank	0.000	08:39
Control Test	0.081	08:39
Air Blank	0.000	08:40
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Dry



 Operator's Signature

BAM
 13/K
 2/26/2020

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000
02/26/2020

SN 80-000785
07:32:39

Auto Calibration

Max Power Res Value = 50
Auto Range Res Value = 34

CHANN 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5360 (-0.0230)
Sample #2 = 1.5390 (-0.0060)
Sample #3 = 1.5660 (-0.0200)
Sample #4 = 1.5480 (-0.0020)
Avg % Abs = 1.5510 (-0.0093)
STD DEV = 0.0137 (0.0095)
REL STD DEV = 0.886 (0.1267)

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12618, Sum Io = 13256

CHANN 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.0920 (-0.0290)
Sample #2 = 0.0940 (-0.0710)
Sample #3 = 0.0870 (-0.0160)
Sample #4 = 0.0950 (-0.0400)
Avg % Abs = 0.0920 (-0.0423)
STD DEV = 0.0044 (0.0276)
REL STD DEV = 4.738 (65.136)

CHANN 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1370 (-0.0390)
Sample #2 = 0.1160 (-0.0440)
Sample #3 = 0.0940 (-0.0190)
Sample #4 = 0.1030 (-0.0360)
Avg % Abs = 0.1043 (-0.0330)
STD DEV = 0.0111 (0.0128)
REL STD DEV = 10.601 (38.688)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12614, Sum Io = 13257

CHANN 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8060 (-0.0450)
Sample #2 = 0.7910 (-0.0470)
Sample #3 = 0.8150 (-0.0470)
Sample #4 = 0.7830 (0.0010)
Avg % Abs = 0.7963 (-0.0300)
STD DEV = 0.0167 (0.0269)
REL STD DEV = 2.091 (69.629)

CHANN 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 7.0360 (-0.0100)
Sample #2 = 7.0080 (0.0270)
Sample #3 = 7.0350 (0.0210)
Sample #4 = 7.0270 (0.0210)
Avg % Abs = 7.0233 (0.0230)
STD DEV = 0.0139 (0.0035)
REL STD DEV = 0.197 (15.061)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12588, Sum Io = 13248

CHANN 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.2370 (-0.0340)
Sample #2 = 5.2450 (-0.0420)
Sample #3 = 5.1950 (-0.0400)
Sample #4 = 5.2050 (-0.0100)
Avg % Abs = 5.2150 (-0.0307)
STD DEV = 0.0265 (0.0179)
REL STD DEV = 0.507 (58.454)

CHANN 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6600 (0.0000)
Sample #2 = 3.6510 (0.0070)
Sample #3 = 3.6740 (0.0070)
Sample #4 = 3.6560 (0.0070)
Avg % Abs = 3.6603 (0.0070)
STD DEV = 0.0121 (0.0000)
REL STD DEV = 0.330 (0.000)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12610, Sum Io = 13250

CHANN 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5850 (-0.0140)
Sample #2 = 3.5620 (0.0330)
Sample #3 = 3.5780 (0.0410)
Sample #4 = 3.5670 (0.0540)
Avg % Abs = 3.5690 (0.0427)
STD DEV = 0.0082 (0.0106)
REL STD DEV = 0.229 (24.841)

AUTO CAL DATA *****
CHANN 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.092
Std Dev = 0.001 Rel Std Dev = 4.74
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.796
Std Dev = 0.02 Rel Std Dev = 2.09
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.865
Std Dev = 0.01 Rel Std Dev = 0.67

CHANN 2 >>>>
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.569
Std Dev = 0.01 Rel Std Dev = 0.23
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.215
Std Dev = 0.03 Rel Std Dev = 0.51
Zero Order Coef = -228.79
First Order Coef = 2625.27
Second Order Coef = 30.22
Standard Deviation = 14.616712

CHANN 2 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.104
Std Dev = 0.01 Rel Std Dev = 10.60
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.551
Std Dev = 0.01 Rel Std Dev = 0.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.660
Std Dev = 0.01 Rel Std Dev = 0.33
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.023
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 10.154
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -124.15
First Order Coef = 1282.01
Second Order Coef = 13.43
Standard Deviation = 13.719732

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0003
0.040 0.040 0.0005
0.100 0.100 -0.0002
0.200 0.200 -0.0000
0.300 0.300 0.0000

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0002
0.040 0.040 0.0002
0.100 0.100 0.0003
0.200 0.200 -0.0004
0.300 0.300 0.0002

Sol Value = 0.080 g/210L ***
Fit Value = 0.3610 mg/l %%%
Samples Taken = 4, Discarded = 1

CHANN 1
Sample #1 = 3231.00
Sample #2 = 3210.00
Sample #3 = 3274.00
Sample #4 = 3307.00
Average Result = 3263.6667
STD DEV = 49.3187
REL STD DEV = 1.511

CHANN 2
Sample #1 = 3413.00
Sample #2 = 3449.00
Sample #3 = 3428.00
Sample #4 = 3385.00
Average Result = 3420.6667
STD DEV = 32.6241
REL STD DEV = 0.954

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1013
3 um H2O Adjust (mg/l*10,000) = 546
9 um H2O Adjust (mg/l*10,000) = 389
**** AUTO CAL PASS

CAL ADJUSTMENT
#80-000785 SP

QDM TSK 2/26/2020

Post Cal Adjust Stability Checks

#80-000785

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000785
02/26/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:24
Control Test	0.050	09:25
Air Blank	0.000	09:25
Control Test	0.050	09:26
Air Blank	0.000	09:27
Control Test	0.049	09:27
Air Blank	0.000	09:28
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000785
02/26/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:19
Control Test	0.079	09:19
Air Blank	0.000	09:20
Control Test	0.080	09:20
Air Blank	0.000	09:21
Control Test	0.079	09:22
Air Blank	0.000	09:22
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

SP

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000785
02/26/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:13
Control Test	0.202	09:14
Air Blank	0.000	09:15
Control Test	0.200	09:15
Air Blank	0.000	09:16
Control Test	0.201	09:16
Air Blank	0.000	09:17
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

SP

Operator's Signature

FHP
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000785
02/26/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.080	09:47
Air Blank	0.000	09:47
Control Test	0.081	09:47
Air Blank	0.000	09:48
Control Test	0.079	09:48
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

DGS

SP

Operator's Signature

Adam BK 2/26/2020