FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Miami-Dade Police Department S/N 80-007084

Date In 8/9/2021 DI Completion Date _____ ■Ship ☐P/U ☐H/D ■CMI ☐EE

Intake By DERR

- ■ Annual
- ☐ Registration
- ☐ Return from CMI / EE

Visual Inspection:

- ■ Case
- ■ Keyboard
- ■ Feet
- ■ Ports
- ■ Handle
- ■ Dry Gas Shelf
- ■ Breath Tube
- ■ Screws Tight

Other Equipment/ Accessories:

- ☐ Power cord
- ■ Static Bag
- ☐ Printer Cable
- ☐ 12V DC Cable

Notes: _____

Quality Checks By DER Date 8/10/2021

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 162
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.156 (.139 - .169)
36 mm 0.171 (.156 - .190)
53 mm 0.242 (.228 - .278)
103 mm 0.496 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28663

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	202010A
		10/05/2022
0.080	SD3968	202010B
		10/05/2022
0.200	SD3969	202010D
		10/06/2022
0.080 DGS	N/A	AG026705
		09/23/2022

Flow Calibration By _____ Date _____

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 By DERR

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ■ Other Internal Printer Paper Repl.

DI Temp. Checks By DERR

- ■ Lab Temp °C 22.09C

External Digital Therm. ID#: 300503

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

Calibration Adjustment By DERR

Barometric Pressure Gauge 1018/1018 ID # 68639/68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5096	20060	2/10/2022
0.100	MP5098	20420	09/22/2022
0.200	MP5100	20160	03/18/2022
0.300	MP5101	20030	01/21/2022
0.080 DGS	N/A	00521080A2	02/05/2023

- ■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	SD3967	202010A	10/05/2022
0.080	SD3968	202010B	10/05/2022
0.200	SD3969	202010D	10/06/2022
0.080 DGS	N/A	AG026705	09/23/2022

Department Inspection By _____

Barometric Pressure ID# _____

Gauge _____ Instrument _____

Mouth Alcohol Solution Lot # _____

Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

- ■ Form 41
- ■ Stability Checks
- ☐ Calibration Certificate
- ■ Calibration Adjustment
- ■ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ■ Other Form 51

Notes/Suggested Service: Optical calibration to bring values closer to nominal. 3rd calibration BP: 1018 Gauge: 68639 Instrument cannot be calibrated and will be sent out for repair. DERR 8/11/2021.

- ☐ **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**

Tech Review / Date _____ Admin Review / Date _____

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: Miami-Dade Police Department Serial Number: 80-007084
Time of Inspection: Date of Inspection: 8/11/2021 Software:

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

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:

Standard Deviations				

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

Remarks: I was not able to calibrate the instrument and had to send it out for repair.

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.

David E. Reyes-Rivera

Signature and Printed Name

8/11/2021
Date

FDLE/ATP Form 41 –Revised August 2005 Ref. 11D-8.004

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities 3	80-007084	Miami-Dade Police Department	8/11/2021	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✓	0.194 to 0.206 ✗	0.077 to 0.083 ✓

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:22
Control Test	0.050	10:23
Air Blank	0.000	10:24
Control Test	0.049	10:24
Air Blank	0.000	10:25
Control Test	0.049	10:25
Air Blank	0.000	10:26
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:27
Control Test	0.078	10:28
Air Blank	0.000	10:28
Control Test	0.079	10:29
Air Blank	0.000	10:29
Control Test	0.080	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0790	
Std Dev	0.0010	
Rel Std Dev(%)	1.2658	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:32
Control Test	0.190	10:33
Air Blank	0.000	10:33
Control Test	0.192	10:34
Air Blank	0.000	10:34
Control Test	0.192	10:35
Air Blank	0.000	10:36
Control Test Stats		
Average	0.1913	
Std Dev	0.0012	
Rel Std Dev(%)	0.6035	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:37
Control Test	0.080	10:38
Air Blank	0.000	10:38
Control Test	0.079	10:39
Air Blank	0.000	10:39
Control Test	0.081	10:39
Air Blank	0.000	10:40
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021 09:38:03

Auto Calibration
Max Power Res Value = 92
Auto Range Res Value = 70

Sol Value = 0.000 g/210L xxx
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12623, 9um Io = 13023

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1590	(-0.0150)
Sample #2 =	0.1520	(0.0220)
Sample #3 =	0.0940	(0.0720)
Sample #4 =	0.1410	(0.0720)

Avg % Abs = 0.1290 (0.0553)
STD DEV = 0.0308 (0.0289)
REL STD DEV = 23.880 (52.170)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1410	(-0.0030)
Sample #2 =	0.1110	(-0.0020)
Sample #3 =	0.0730	(-0.0040)
Sample #4 =	0.1070	(0.0120)

Avg % Abs = 0.0970 (0.0020)
STD DEV = 0.0209 (0.0087)
REL STD DEV = 21.526 (435.890)

Sol Value = 0.040 g/210L xxx
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12606, 9um Io = 13018

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8270	(-0.0100)
Sample #2 =	0.8780	(0.0020)
Sample #3 =	0.8310	(0.0250)
Sample #4 =	0.8890	(0.0120)

Avg % Abs = 0.8660 (0.0130)
STD DEV = 0.0308 (0.0115)
REL STD DEV = 3.557 (88.712)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4580	(0.0010)
Sample #2 =	1.5210	(-0.0060)
Sample #3 =	1.4740	(0.0000)
Sample #4 =	1.5120	(0.0080)

Avg % Abs = 1.5023 (0.0007)
STD DEV = 0.0249 (0.0070)
REL STD DEV = 1.661 (1053.565)

Sol Value = 0.100 g/210L xxx
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12602, 9um Io = 13017

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9810	(-0.0140)
Sample #2 =	1.9310	(0.0360)
Sample #3 =	1.9830	(0.0160)
Sample #4 =	1.9890	(0.0230)

Avg % Abs = 1.9677 (0.0250)
STD DEV = 0.0319 (0.0101)
REL STD DEV = 1.621 (40.596)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5790	(-0.0070)
Sample #2 =	3.5980	(0.0120)
Sample #3 =	3.6120	(-0.0100)
Sample #4 =	3.6160	(0.0040)

Avg % Abs = 3.6087 (0.0020)
STD DEV = 0.0095 (0.0111)
REL STD DEV = 0.262 (556.776)

Sol Value = 0.200 g/210L xxx
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12599, 9um Io = 13015

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7980	(-0.0120)
Sample #2 =	3.7970	(0.0120)
Sample #3 =	3.8010	(0.0240)
Sample #4 =	3.7530	(0.0480)

Avg % Abs = 3.7837 (0.0280)
STD DEV = 0.0266 (0.0183)
REL STD DEV = 0.704 (65.465)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8830	(0.0130)
Sample #2 =	6.9190	(0.0190)
Sample #3 =	6.9180	(0.0140)
Sample #4 =	6.9100	(0.0200)

Avg % Abs = 6.9157 (0.0177)
STD DEV = 0.0049 (0.0032)
REL STD DEV = 0.071 (18.196)

Sol Value = 0.300 g/210L xxx
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12595, 9um Io = 13014

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4360	(0.0020)
Sample #2 =	5.5180	(0.0150)
Sample #3 =	5.5140	(0.0190)
Sample #4 =	5.5290	(0.0200)

Avg % Abs = 5.5203 (0.0180)
STD DEV = 0.0078 (0.0026)
REL STD DEV = 0.141 (14.699)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9370	(-0.0020)
Sample #2 =	9.9850	(0.0550)
Sample #3 =	10.0130	(0.0390)
Sample #4 =	9.9800	(0.0440)

Avg % Abs = 9.9927 (0.0460)
STD DEV = 0.0178 (0.0082)
REL STD DEV = 0.178 (17.794)

Optical Calibration 3
SN: 80-007084
Agency: Miami-Dade PD
Date: 8/11/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

xxxxx AUTO CAL DATA xxxxx

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.129
Std Dev = 0.03 Rel Std Dev = 23.88
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.866
Std Dev = 0.03 Rel Std Dev = 3.56
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.968
Std Dev = 0.03 Rel Std Dev = 1.62
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.784
Std Dev = 0.03 Rel Std Dev = 0.70
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.520
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -311.86
First Order Coef = 2527.83
Second Order Coef = 20.78
Standard Deviation = 19.485565

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.097
Std Dev = 0.02 Rel Std Dev = 21.53
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.502
Std Dev = 0.02 Rel Std Dev = 1.66
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.609
Std Dev = 0.01 Rel Std Dev = 0.26
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.916
Std Dev = 0.00 Rel Std Dev = 0.07
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.993
Std Dev = 0.02 Rel Std Dev = 0.18
Zero Order Coef = -104.61
First Order Coef = 1296.09
Second Order Coef = 14.32
Standard Deviation = 21.364449

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	0.0003
0.100	0.100	0.0004
0.200	0.201	-0.0006
0.300	0.300	0.0002

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.039	0.0006
0.100	0.100	0.0001
0.200	0.200	-0.0004
0.300	0.300	0.0002

Sol Value = 0.080 g/210L xxx
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
xxxxx CHANNEL 1
Sample #1 = 2907.00
Sample #2 = 2798.00
Sample #3 = 2872.00
Sample #4 = 2867.00
Average Result = 2845.6667
STD DEV = 41.3562
REL STD DEV = 1.453
xxxxxxxxxx
xxxxx CHANNEL 2
Sample #1 = 3405.00
Sample #2 = 3396.00
Sample #3 = 3418.00
Sample #4 = 3451.00
Average Result = 3421.6667
STD DEV = 27.6827
REL STD DEV = 0.809
xxxxxxxxxx
Dry Gas H20 Adjust Results xxxxxxxxxx
Barometric Pressure = 1018
3 um H20 Adjust (mg/lx10,000) = 964
9 um H20 Adjust (mg/lx10,000) = 388
xxxx AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities 2	80-007084	Miami-Dade Police Department	8/11/2021	DERR

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✓	0.194 to 0.206 ✗	0.077 to 0.083 ✓

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:51
Control Test	0.049	08:51
Air Blank	0.000	08:52
Control Test	0.050	08:53
Air Blank	0.000	08:53
Control Test	0.050	08:54
Air Blank	0.000	08:54
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:56
Control Test	0.080	08:56
Air Blank	0.000	08:57
Control Test	0.080	08:57
Air Blank	0.000	08:58
Control Test	0.079	08:59
Air Blank	0.000	08:59
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:00
Control Test	0.193	09:01
Air Blank	0.000	09:01
Control Test	0.193	09:02
Air Blank	0.000	09:03
Control Test	0.193	09:03
Air Blank	0.000	09:04
Control Test Stats		
Average	0.1930	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:05
Control Test	0.081	09:05
Air Blank	0.000	09:06
Control Test	0.081	09:06
Air Blank	0.000	09:07
Control Test	0.080	09:07
Air Blank	0.000	09:07
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021 08:03:33

Auto Calibration
Max Power Res Value = 92
Auto Range Res Value = 70

Sol Value = 0.000 g/210L xxx
Fit value = 0.0000 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12647, 9um Io = 13034

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1480	(-0.0140)
Sample #2 =	0.1180	(0.0550)
Sample #3 =	0.0920	(0.0810)
Sample #4 =	0.0920	(0.0970)

Avg % Abs = 0.1007 (0.0777)
STD DEV = 0.0150 (0.0212)
REL STD DEV = 14.912 (27.293)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0760	(0.0160)
Sample #2 =	0.0850	(0.0220)
Sample #3 =	0.0550	(0.0160)
Sample #4 =	0.0610	(0.0380)

Avg % Abs = 0.0670 (0.0253)
STD DEV = 0.0159 (0.0114)
REL STD DEV = 23.693 (44.891)

Sol Value = 0.040 g/210L xxx
Fit value = 0.1905 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12631, 9um Io = 13029

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8830	(-0.0130)
Sample #2 =	0.8320	(0.0380)
Sample #3 =	0.8620	(0.0240)
Sample #4 =	0.8800	(0.0380)

Avg % Abs = 0.8580 (0.0333)
STD DEV = 0.0242 (0.0081)
REL STD DEV = 2.826 (24.242)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5190	(0.0100)
Sample #2 =	1.4770	(0.0290)
Sample #3 =	1.5450	(-0.0030)
Sample #4 =	1.5500	(0.0080)

Avg % Abs = 1.5240 (0.0113)
STD DEV = 0.0408 (0.0163)
REL STD DEV = 2.676 (143.456)

Sol Value = 0.100 g/210L xxx
Fit value = 0.4762 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12624, 9um Io = 13025

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9760	(-0.0120)
Sample #2 =	1.9200	(0.0380)
Sample #3 =	1.9460	(0.0340)
Sample #4 =	1.9740	(0.0380)

Avg % Abs = 1.9467 (0.0367)
STD DEV = 0.0270 (0.0023)
REL STD DEV = 1.387 (6.298)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5720	(-0.0100)
Sample #2 =	3.5580	(0.0270)
Sample #3 =	3.5600	(0.0250)
Sample #4 =	3.5680	(0.0240)

Avg % Abs = 3.5620 (0.0253)
STD DEV = 0.0053 (0.0015)
REL STD DEV = 0.149 (6.030)

Sol Value = 0.200 g/210L xxx
Fit value = 0.9524 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12616, 9um Io = 13024

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7940	(-0.0170)
Sample #2 =	3.7490	(0.0230)
Sample #3 =	3.7520	(0.0360)
Sample #4 =	3.7500	(0.0460)

Avg % Abs = 3.7503 (0.0350)
STD DEV = 0.0015 (0.0115)
REL STD DEV = 0.041 (32.950)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8940	(0.0000)
Sample #2 =	6.8970	(0.0280)
Sample #3 =	6.9020	(0.0330)
Sample #4 =	6.8910	(0.0500)

Avg % Abs = 6.8967 (0.0370)
STD DEV = 0.0055 (0.0115)
REL STD DEV = 0.080 (31.169)

Sol Value = 0.300 g/210L xxx
Fit value = 1.4286 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12610, 9um Io = 13020

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4580	(-0.0100)
Sample #2 =	5.4410	(0.0320)
Sample #3 =	5.5110	(0.0080)
Sample #4 =	5.4630	(0.0400)

Avg % Abs = 5.4717 (0.0267)
STD DEV = 0.0358 (0.0167)
REL STD DEV = 0.654 (62.450)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.9530	(0.0080)
Sample #2 =	9.9940	(0.0360)
Sample #3 =	9.9890	(0.0230)
Sample #4 =	9.9580	(0.0490)

Avg % Abs = 9.9803 (0.0360)
STD DEV = 0.0195 (0.0130)
REL STD DEV = 0.195 (36.111)

Optical Calibration 2
SN: 80-007084
Agency: Miami-Dade PD
Date: 8/11/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

xxxxx AUTO CAL DATA xxxxx

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.101
Std Dev = 0.02 Rel Std Dev = 14.91
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.858
Std Dev = 0.02 Rel Std Dev = 2.83
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.947
Std Dev = 0.03 Rel Std Dev = 1.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.750
Std Dev = 0.00 Rel Std Dev = 0.04
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.472
Std Dev = 0.04 Rel Std Dev = 0.65
Zero Order Coef = -256.32
First Order Coef = 2514.93
Second Order Coef = 25.92
Standard Deviation = 16.868681

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.067
Std Dev = 0.02 Rel Std Dev = 23.69
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.524
Std Dev = 0.04 Rel Std Dev = 2.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.562
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.897
Std Dev = 0.01 Rel Std Dev = 0.08
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.980
Std Dev = 0.02 Rel Std Dev = 0.20
Zero Order Coef = -91.32
First Order Coef = 1303.94
Second Order Coef = 13.60
Standard Deviation = 25.035923

Solution Stats Quadratic Fit Chan 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0001
0.040	0.040	-0.0003
0.100	0.099	0.0005
0.200	0.200	-0.0003
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	-0.000	0.0001
0.040	0.040	-0.0005
0.100	0.099	0.0008
0.200	0.201	-0.0005
0.300	0.300	0.0002

Sol Value = 0.080 g/210L xxx
Fit value = 0.3810 mg/l XXXX
Samples Taken = 4, Discarded = 1
xxxxx CHANNEL 1
Sample #1 = 2931.00
Sample #2 = 2917.00
Sample #3 = 2905.00
Sample #4 = 2948.00
Average Result = 2923.3333
STD DEV = 22.1886
REL STD DEV = 0.759
xxxxxxxxxx
xxxxx CHANNEL 2
Sample #1 = 3464.00
Sample #2 = 3431.00
Sample #3 = 3421.00
Sample #4 = 3413.00
Average Result = 3421.6667
STD DEV = 9.0185
REL STD DEV = 0.264
xxxxxxxxxx
Dry Gas H20 Adjust Results xxxxxxxxxx
Barometric Pressure = 1018
3 um H20 Adjust (mg/l×10,000) = 886
9 um H20 Adjust (mg/l×10,000) = 388
xxxx AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-007084	Miami-Dade Police Department	8/11/2021	DERR

0.05g/210L ✓	0.08g/210L ✓	0.20g/210L ✗	DGS 0.08g/210L ✓
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:44
Control Test	0.048	07:45
Air Blank	0.000	07:45
Control Test	0.048	07:46
Air Blank	0.000	07:47
Control Test	0.049	07:47
Air Blank	0.000	07:48
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
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	0.079	07:52
Air Blank	0.000	07:53
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:54
Control Test	0.192	07:54
Air Blank	0.000	07:55
Control Test	0.193	07:56
Air Blank	0.000	07:56
Control Test	0.193	07:57
Air Blank	0.000	07:57
Control Test Stats		
Average	0.1927	
Std Dev	0.0006	
Rel Std Dev(%)	0.2997	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:58
Control Test	0.080	07:59
Air Blank	0.000	07:59
Control Test	0.079	08:00
Air Blank	0.000	08:00
Control Test	0.081	08:00
Air Blank	0.000	08:01
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

Operator's Signature

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/11/2021 07:01:40

Auto Calibration
Max Power Res Value = 91
Auto Range Res Value = 69

Sol Value = 0.000 g/210L xxx
Fit value = 0.0000 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12622, 9um Io = 13023
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1370	(-0.0030)
Sample #2 =	0.0980	(0.0840)
Sample #3 =	0.1440	(0.1090)
Sample #4 =	0.1010	(0.1760)
Avg % Abs =	0.1143	(0.1230)
STD DEV =	0.0257	(0.0476)
REL STD DEV =	22.509	(38.676)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1190	(-0.0120)
Sample #2 =	0.0870	(0.0020)
Sample #3 =	0.1180	(0.0040)
Sample #4 =	0.0730	(0.0620)
Avg % Abs =	0.0927	(0.0227)
STD DEV =	0.0230	(0.0341)
REL STD DEV =	24.851	(150.346)

---

ol Value = 0.040 g/210L xxx
it value = 0.1905 mg/l XXXX
amples Taken = 4, Discarded = 1
um Io = 12593, 9um Io = 13013
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
ample #1 =	0.8470	(-0.0060)
ample #2 =	0.8420	(0.0630)
ample #3 =	0.8360	(0.0930)
ample #4 =	0.8840	(0.1000)
vg % Abs =	0.8540	(0.0853)
TD DEV =	0.0262	(0.0197)
EL STD DEV =	3.062	(23.034)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5290	(-0.0110)
Sample #2 =	1.4930	(0.0430)
Sample #3 =	1.4920	(0.0490)
Sample #4 =	1.5180	(0.0410)
Avg % Abs =	1.5010	(0.0443)
STD DEV =	0.0147	(0.0042)
REL STD DEV =	0.981	(9.391)

Sol Value = 0.100 g/210L xxx
Fit value = 0.4762 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12573, 9um Io = 13002
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9890	(-0.0250)
Sample #2 =	1.9660	(0.0380)
Sample #3 =	1.9330	(0.0630)
Sample #4 =	1.9870	(0.0650)
Avg % Abs =	1.9620	(0.0553)
STD DEV =	0.0272	(0.0150)
REL STD DEV =	1.387	(27.189)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5360	(-0.0120)
Sample #2 =	3.5690	(0.0170)
Sample #3 =	3.5640	(0.0240)
Sample #4 =	3.6050	(0.0350)
Avg % Abs =	3.5793	(0.0253)
STD DEV =	0.0224	(0.0091)
REL STD DEV =	0.625	(35.818)

Sol Value = 0.200 g/210L xxx
Fit value = 0.9524 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12558, 9um Io = 12992
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7320	(-0.0040)
Sample #2 =	3.7620	(0.0120)
Sample #3 =	3.7570	(0.0570)
Sample #4 =	3.8110	(0.0510)
Avg % Abs =	3.7767	(0.0400)
STD DEV =	0.0298	(0.0244)
REL STD DEV =	0.790	(61.084)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8320	(0.0000)
Sample #2 =	6.8520	(0.0230)
Sample #3 =	6.8940	(0.0190)
Sample #4 =	6.9260	(0.0030)
Avg % Abs =	6.8907	(0.0150)
STD DEV =	0.0371	(0.0106)
REL STD DEV =	0.539	(70.553)

Sol Value = 0.300 g/210L xxx
Fit value = 1.4286 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12547, 9um Io = 12987
<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.4830	(-0.0160)
Sample #2 =	5.4430	(0.0480)
Sample #3 =	5.4670	(0.0480)
Sample #4 =	5.4470	(0.1000)
Avg % Abs =	5.4523	(0.0653)
STD DEV =	0.0129	(0.0300)
REL STD DEV =	0.236	(45.952)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.8970	(0.0120)
Sample #2 =	9.9090	(0.0460)
Sample #3 =	9.9580	(0.0280)
Sample #4 =	9.9340	(0.0800)
Avg % Abs =	9.9337	(0.0513)
STD DEV =	0.0245	(0.0264)
REL STD DEV =	0.247	(51.442)

Optical Calibration
SN: 80-007084
Agency: Miami-Dade PD
Date: 8/11/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR

xxxxx AUTO CAL DATA xxxxx
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.114
Std Dev = 0.03 Rel Std Dev = 22.51
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.854
Std Dev = 0.03 Rel Std Dev = 3.06
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.962
Std Dev = 0.03 Rel Std Dev = 1.39
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.777
Std Dev = 0.03 Rel Std Dev = 0.79
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.452
Std Dev = 0.01 Rel Std Dev = 0.24
Zero Order Coef = -253.39
First Order Coef = 2467.01
Second Order Coef = 35.93
Standard Deviation = 38.630856

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.093
Std Dev = 0.02 Rel Std Dev = 24.85
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.501
Std Dev = 0.01 Rel Std Dev = 0.98
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.579
Std Dev = 0.02 Rel Std Dev = 0.62
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.891
Std Dev = 0.04 Rel Std Dev = 0.54
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.934
Std Dev = 0.02 Rel Std Dev = 0.25
Zero Order Coef = -99.75
First Order Coef = 1299.23
Second Order Coef = 14.85
Standard Deviation = 25.828741

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0006
0.040	0.039	0.0005
0.100	0.099	0.0008
0.200	0.201	-0.0011
0.300	0.300	0.0004

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0004
0.040	0.040	0.0004
0.100	0.100	0.0004
0.200	0.201	-0.0007
0.300	0.300	0.0003

Sol Value = 0.080 g/210L xxx
Fit value = 0.3810 mg/l XXXX
Samples Taken = 4, Discarded = 1
xxxxx CHANNEL 1
Sample #1 = 2960.00
Sample #2 = 2823.00
Sample #3 = 2830.00
Sample #4 = 2876.00
Average Result = 2843.0000
STD DEV = 28.7924
REL STD DEV = 1.013
xxxxxxxxxx
xxxxx CHANNEL 2
Sample #1 = 3407.00
Sample #2 = 3422.00
Sample #3 = 3394.00
Sample #4 = 3388.00
Average Result = 3401.3333
STD DEV = 18.1475
REL STD DEV = 0.534
xxxxxxxxxx
Dry Gas H2O Adjust Results xxxxxxxxxx
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 966
9 um H2O Adjust (mg/l*10,000) = 408
xxxx AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007084	Miami-Dade Police Department	8/10/2021	DERR

0.05g/210L

0.047 to 0.053 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/10/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:20
Control Test	0.047	12:21
Air Blank	0.000	12:21
Control Test	0.046	12:22
Air Blank	0.000	12:22
Control Test	0.047	12:23
Air Blank	0.000	12:24
Control Test Stats		
Average	0.0467	
Std Dev	0.0006	
Rel Std Dev(%)	1.2372	

Operator's Signature

0.08g/210L

0.077 to 0.083 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/10/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:25
Control Test	0.076	12:25
Air Blank	0.000	12:26
Control Test	0.077	12:27
Air Blank	0.000	12:27
Control Test	0.076	12:28
Air Blank	0.000	12:28
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

Operator's Signature

0.20g/210L

0.194 to 0.206 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/10/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.187	12:30
Air Blank	0.000	12:31
Control Test	0.188	12:31
Air Blank	0.000	12:32
Control Test	0.190	12:33
Air Blank	0.000	12:33
Control Test Stats		
Average	0.1883	
Std Dev	0.0015	
Rel Std Dev(%)	0.8111	

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☒

MIAMI-DADE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007084
08/10/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.080	12:35
Air Blank	0.000	12:35
Control Test	0.080	12:36
Air Blank	0.000	12:36
Control Test	0.080	12:37
Air Blank	0.000	12:37
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: David Reyes-Rivera on 8/11/2021

Items Returned: Instrument ☑ Supplies ☐ Other ☐ Describe: _____

Instrument Model: I-8000 Serial Number: 80-007084

Bill To Address:	Ship to Address:
Miami-Dade Police Department	Florida Department of Law Enforcement
ATTN: Sgt Myrtil	4700 Terminal Drive, Suite 1
1567 NW 79th Avenue	Fort Myers, FL 33907
Miami, Florida 33126	

Reason for Return:

Instrument continues to fail post calibration stabilities for the .20 range (calibrated 3 times). Instrument had a DSP fail before the initial quality check, but later recovered and passed all diagnostic tests.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to $_____.

☑ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Sergeant Myrtil

Phone #: (305) 785-3706 Email: u305383@MDPD.com

ATP Contact Name: David Reyes-Rivera ATP Email: DavidReyes@fdle.state.fl.us