FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency St. Lucie CSO S/N 80-000794

Date In 06/26/2020 DI Completion Date 06/30/2020 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TDG

- ☑ 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 TDG

- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 199
- ☑ Flow Verification (L/s)

Flow Column # ATP101

32 mm	0.160	(.139 - .169)
36 mm	0.171	(.156 - .190)
53 mm	0.246	(.228 - .278)
103 mm	0.515	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 68639

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	201905A
		05/14/2021
0.080	MP5093	201905B
		05/14/2021
0.200	MP5094	201904D
		04/30/2021
0.080 DGS	N/A	AG003005
		01/30/2022

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 MH

- ☑ Lab Temp °C 21.91

External Digital Therm. ID#: 300504

- ☑ 34°C +-.2 Serial #: MP5063
- ☑ 34°C +-.2 Serial #: MP5064
- ☑ 34°C +-.2 Serial #: MP5097

Final Release Date

FDLE Alcohol Testing Program

Digitally signed by FDLE Alcohol Testing Program
Date: 2020.07.17 08:19:19 -04'00'

Calibration Adjustment Performed By MH

Barometric Pressure Gauge 1016 ID # 68639

Simulator	Serial Number	Lot Number	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	20060	02/10/22
0.100	MP5099	20190	04/06/22
0.200	MP5100	20160	03/18/22
0.300	MP5101	20030	01/21/22
0.080 DGS	N/A	08819080A1	06/05/21

- ☑ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	MP5063	201905A	05/14/2021
0.080	MP5064	201905B	05/14/2021
0.200	MP5097	201904D	04/30/2021
0.080 DGS	N/A	AG003005	01/30/2022

Department Inspection Performed By MH

Barometric Pressure ID# 28199

Gauge 1016 Instrument 1016

Mouth Alcohol Solution Lot # 2019-B

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP5063
0.080	MP5064
0.200	MP5097

Attachments

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

Notes/Suggested Service: _____

Tech Review: Added annual check mark

MH 2020.07.13 09:57:14 -04'00'

- ☑ **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**

CR 2020.07.16 11:42:47 -04'00' — Tech Review / Date

Brett Kirkland 2020.07.17 08:15:34 -04'00' — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ST LUCIE COUNTY SO
Time of Inspection: 13:18
Date of Inspection: 06/30/2020
Serial Number: 80-000794
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#:AG003005 Exp: 01/30/2022
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.078
0.000	0.049	0.080	0.202	0.079
0.000	0.049	0.080	0.201	0.078
0.000	0.049	0.080	0.202	0.078
Standard Deviations	0.0000	0.0000	0.0003	0.0005

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

Remarks:

2020.07.16 11:43:16 -04'00'

BK 2020.07.17 08:16:27 -04'00'

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.

Michael D Haughey

MICHAEL D HAUGHEY
Signature and Printed Name

06/30/2020
Date

FDLE/ATP Form 41 –Revised August 2005

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000794	St. Lucie CSO	06/29/2020	MC

0.05g/210L

0.047 to 0.053 ☑

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/29/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.050	14:13
Air Blank	0.000	14:14
Control Test	0.051	14:14
Air Blank	0.000	14:15
Control Test	0.051	14:16
Air Blank	0.000	14:16

Control Test Stats

Average	0.0507
Std Dev	0.0006
Rel Std Dev(%)	1.1395

Operator's Signature

0.08g/210L

0.077 to 0.083 ☑

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/29/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:18
Control Test	0.083	14:19
Air Blank	0.000	14:19
Control Test	0.081	14:20
Air Blank	0.000	14:21
Control Test	0.082	14:21
Air Blank	0.000	14:22

Control Test Stats

Average	0.1820
Std Dev	0.0010
Rel Std Dev(%)	1.2195

Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/29/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:24
Control Test	0.208	14:25
Air Blank	0.000	14:26
Control Test	0.205	14:26
Air Blank	0.000	14:27
Control Test	0.205	14:28
Air Blank	0.000	14:28

Control Test Stats

Average	0.2060
Std Dev	0.0017
Rel Std Dev(%)	0.8408

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/29/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:30
Control Test	0.080	14:30
Air Blank	0.000	14:31
Control Test	0.081	14:31
Air Blank	0.000	14:32
Control Test	0.080	14:32
Air Blank	0.000	14:32

Control Test Stats

Average	0.0803
Std Dev	0.0006
Rel Std Dev(%)	0.7187

Operator's Signature

Needs optical calibration. MC 06/29/2020

2020.07.16 11:43:51 -04'00'

BK 2020.07.1 7 08:16:57 -04'00'

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 80-000794 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000794
Owning Agency:	ST LUCIE COUNTY SO
Calibration Date:	06/30/2020
Calibration Time:	13:18

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.005
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).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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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without written approval of the Florida Department of
Law Enforcement Alcohol Testing Program.

06/30/2020
Date

MICHAEL D HAUGHEY,
Department Inspector

2020.07.16 11:44:25 -04'00'

2020.07.17 08:17:29 -04'00'

```
ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000                    SN 80-000794
06/30/2020                    12:11:01

Auto Calibration
Max Power Res value = 39
Auto Range Res value = 20

Sol value = 0.000 g/210L ***
Fit value = 0.0000 mg/l  ****
Samples Taken = 4, Discarded = 1
Sum Ia = 12578, Sum Ib = 13535
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.2070      (-0.0250)
Sample #2 =  0.1920      (0.0620)
Sample #3 =  0.1880      (0.0950)
Sample #4 =  0.1740      (0.1590)
Avg % Abs = 0.1847  (0.1053)
STD DEV =  0.0095  (0.0493)
REL STD DEV = 5.118  (46.822)
      -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.1720      (-0.0170)
Sample #2 =  0.1660      (0.0180)
Sample #3 =  0.1490      (0.0430)
Sample #4 =  0.1560      (0.0500)
Avg % Abs = 0.1570  (0.0370)
STD DEV =  0.0085  (0.0168)
REL STD DEV = 5.442  (45.466)
      -------------------

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l  ****
Samples Taken = 4, Discarded = 1
Sum Ia = 12552, Sum Ib = 13525
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  0.9450      (-0.0030)
Sample #2 =  0.9080      (0.0390)
Sample #3 =  0.8760      (0.1000)
Sample #4 =  0.8940      (0.1300)
Avg % Abs = 0.8927  (0.0897)
STD DEV =  0.0160  (0.0464)
REL STD DEV = 1.797  (51.716)
      -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  1.6180      (-0.0070)
Sample #2 =  1.5960      (0.0350)
Sample #3 =  1.5680      (0.0630)
Sample #4 =  1.5660      (0.0940)
Avg % Abs = 1.5733  (0.0640)
STD DEV =  0.0110  (0.0295)
REL STD DEV = 0.700  (46.114)
      -------------------

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l  ****
Samples Taken = 4, Discarded = 1
Sum Ia = 12540, Sum Ib = 13518
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  2.0230      (-0.0140)
Sample #2 =  1.9570      (0.0340)
Sample #3 =  1.9450      (0.0800)
Sample #4 =  1.9340      (0.1990)
Avg % Abs = 1.9487  (0.0710)
STD DEV =  0.0168  (0.0334)
REL STD DEV = 0.862  (47.073)
      -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.7140      (-0.0010)
Sample #2 =  3.6470      (0.0660)
Sample #3 =  3.6140      (0.0940)
Sample #4 =  3.6130      (0.1070)
Avg % Abs = 3.6247  (0.0890)
STD DEV =  0.0193  (0.0210)
REL STD DEV = 0.534  (23.542)
      -------------------

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l  ****
Samples Taken = 4, Discarded = 1
Sum Ia = 12555, Sum Ib = 13524
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  3.7920      (-0.0090)
Sample #2 =  3.7010      (0.1080)
Sample #3 =  3.7060      (0.1090)
Sample #4 =  3.6970      (0.1260)
Avg % Abs = 3.7013  (0.1143)
STD DEV =  0.0045  (0.0101)
REL STD DEV = 0.122  (8.848)
      -------------------

 Sample       % Abs      (% Abs Ref)
Sample #1 =  7.0690      (-0.0080)
Sample #2 =  6.9110      (0.1370)
Sample #3 =  6.9480      (0.1350)
Sample #4 =  6.9160      (0.1470)
Avg % Abs = 6.9360  (0.1397)
STD DEV =  0.1201  (0.0064)
REL STD DEV = 0.290  (4.603)
      -------------------

Sol Value = 1.300 g/210L ***
Fit Value = 1.4286 mg/l  ****
Samples Taken = 4, Discarded = 1
Sum Ia = 12582, Sum Ib = 13540
     <<<<<  CHANNEL 1  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  5.4620      (-0.0180)
Sample #2 =  5.3400      (0.1380)
Sample #3 =  5.3290      (0.1540)
Sample #4 =  5.3420      (0.1560)
Avg % Abs = 5.3373  (0.1493)
STD DEV =  0.0074  (0.0099)
REL STD DEV = 0.138  (6.607)
      -------------------

     <<<<<  CHANNEL 2  >>>>>
 Sample       % Abs      (% Abs Ref)
Sample #1 =  10.1530     (-0.0110)
Sample #2 =  9.9740      (0.1950)
Sample #3 =  9.9660      (0.2110)
Sample #4 =  9.9530      (0.2260)
Avg % Abs = 9.9643  (0.2107)
STD DEV =  0.0126  (0.0155)
REL STD DEV = 0.126  (7.359)
      -------------------
```

Calibration ~~Adj~~.mxx
80-000794 Adj.
6/30/2020

MJK

2020.07.16 11:44:59 -04'00'

BK 2020.07.17 08:17:58 -04'00'

```
      ***** AUTO CAL DATA *****
     <<<<<  CHANNEL 1  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.185
 Std Dev =   0.01 Rel Std Dev =   5.12
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.853
 Std Dev =   0.02 Rel Std Dev =   1.80
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.949
 Std Dev =   0.02 Rel Std Dev =   0.86
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.701
 Std Dev =   0.00 Rel Std Dev =   0.12
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    5.337
 Std Dev =   0.01 Rel Std Dev =   0.14
Zero Order Coef = -455.59
First Order Coef = 2599.80
Second Order Coef =  29.76
Standard Deviation =  36.334937
-------------------

     <<<<<  CHANNEL 2  >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.157
 Std Dev =   0.01 Rel Std Dev =   5.44
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.573
 Std Dev =   0.01 Rel Std Dev =   0.70
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.625
 Std Dev =   0.02 Rel Std Dev =   0.53
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.925
 Std Dev =   0.02 Rel Std Dev =   0.29
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.964
 Std Dev =   0.01 Rel Std Dev =   0.11
Zero Order Coef = -193.41
First Order Coef = 1307.13
Second Order Coef =  14.53
Standard Deviation =  22.420593
-------------------

-----------------------------------------
| Solution Stats Quadratic Fit Chan 1 |
|   Act        Fit       Residual     |
| g/210L     g/210L       g/210L     |
|  0.000      0.001       -0.0005     |
|  0.040      0.041        0.0004     |
|  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       -0.0003     |
|  0.040      0.040        0.0001     |
|  0.100      0.099        0.0006     |
|  0.200      0.201       -0.0007     |
|  0.300      0.300        0.0002     |
-----------------------------------------

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l  ****
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  2650.00
Sample #2 =  2730.00
Sample #3 =  2823.00
Sample #4 =  2818.00
Average Result = 2790.3333
STD DEV = 52.3100
REL STD DEV = 1.875
**********
***** CHANNEL 2
Sample #1 =  3255.00
Sample #2 =  3274.00
Sample #3 =  3307.00
Sample #4 =  3300.00
Average Result = 3293.6667
STD DEV = 17.3977
REL STD DEV = 0.528
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1016
  3 um H20 Adjust (mg/l*10,000) = 1019
  9 um H20 Adjust (mg/l*10,000) = 516
**** AUTO CAL PASS
```

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities - POST	80-000794	St. Lucie County SO	6/30/2020	MK

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 ☑

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/30/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:50
Control Test	0.049	10:51
Air Blank	0.001	10:51
Control Test	0.048	10:52
Air Blank	0.000	10:53
Control Test	0.049	10:53
Air Blank	0.000	10:54

Control Test Stats

Average	0.0487
Std Dev	0.0006
Rel Std Dev(%)	1.1863

Operator's Signature

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/30/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:55
Control Test	0.080	10:55
Air Blank	0.000	10:56
Control Test	0.079	10:57
Air Blank	0.000	10:57
Control Test	0.079	10:58
Air Blank	0.000	10:59

Control Test Stats

Average	0.0793
Std Dev	0.0006
Rel Std Dev(%)	0.7277

Operator's Signature

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/30/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.202	11:00
Air Blank	0.000	11:01
Control Test	0.201	11:02
Air Blank	0.000	11:02
Control Test	0.200	11:03
Air Blank	0.000	11:04

Control Test Stats

Average	0.2010
Std Dev	0.0010
Rel Std Dev(%)	0.4975

Operator's Signature

ST LUCIE COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000794
06/30/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.080	11:05
Air Blank	0.000	11:06
Control Test	0.079	11:06
Air Blank	0.000	11:06
Control Test	0.080	11:07
Air Blank	0.000	11:07

Control Test Stats

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

Operator's Signature

2020.07.16 11:45:30 -04'00'

2020.07.1 7 08:18:28 -04'00'