FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Miccosukee Police Department S/N 80-001657

Date In 7/26/2016 Date Out 7/27/2016 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED
AUG 03 2016
FDLE
Alcohol Testing Program

Intake Performed By DERR

- ☐ Registration
- ☑ Annual
- ☐ Return from CMI
- ☑ Return from Enforcement
- Electronics
- ☐ Other

Visual Inspection:

OK Case	OK Handle
OK Dry Gas Holder	OK Feet
OK Keyboard/Plug	OK Back/Plugs
OK Screws tight	OK Breath Hose

Other Equipment:
- ☐ Power cord
- ☐ Printer Cable
- ☑ Other ANTI STATIC BAG

Notes:

Quality Checks Performed By DERR

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 183
- ☑ Flow Verification (L/s)
  - Flow Column # ATP 101
  - 32mm 164 (.139 - .169)
  - 36mm 179 (.156 - .190)
  - 53mm 250 (.228 - .278)
  - 103mm 511 (.447 - .547)
- ☑ Barometric Pressure Check
  - Gauge ID # 28663
- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD3967	201507A
		07/14/2017
0.08	SD3968	201601F
		01/26/2018
0.20	SD3969	201505A
		05/12/2017
0.08 DGS	N/A	AG600504
		01/05/2018

Flow Calibration Performed By

- ☑ Flow Calibration N/A
- ☐ Flow Calibration Complete
  - Flow Column # ____
  - ☐ 5L/min – 17mm
  - ☐ 15L/min – 53mm
  - ☐ 30L/min – 103mm
- ☐ R-Value ____
- ☐ Post Calibration Verification (L/s)
  - Flow Column # ____
  - 32mm ____ (.139 - .169)
  - 36mm ____ (.156 - .190)
  - 53mm ____ (.228 - .278)
  - 103mm ____ (.447 - .547)

Maintenance Performed By

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

Suggested Service

Optical Bench Calibration Performed By DERR

- ☐ Optical Bench Calibration N/A
- ☑ Optical Bench Calibration Complete

Barometric Pressure Gauge 1017 ID # 28199

Simulator	Serial Number	Lot Number	Expiration
0.000	2235	N/A	N/A
0.040	2236	15108	08/08/2017
0.100	2237	15001	05/20/2017
0.200	2238	15104	05/27/2017
0.400	2239	15105	06/10/2017
0.080 DGS	N/A	03415080A1	03/05/2017

☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD 3967	201507A	07/14/2017
0.08	SD 3968	201601F	01/26/2018
0.20	SD 3969	201505A	05/12/2017
0.08 DGS	N/A	AG600504	01/05/2018

Department Inspection Performed By DERR

- ☑ Barometric Pressure ID# 28663: 1018 Gauge / 1016 Instrument

Mouth Alcohol Solution Lot # 2016-A

Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	SD 3963
Interferent	SD 3966
0.05	SD 3967
0.08	SD 3968
0.20	SD 3969

Attachments

- ☑ Form 41
- ☑ Pre-Stability Tests
- ☐ Flow Calibration
- ☑ Optical Bench Cal
- ☑ Post-Stability Tests x 2
- ☑ Other FORM 40

Notes: E-MAILED ☑ 7/27/2016 APPROVED

QA/QC OK KMM 8/3/16

- ☑ **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**

Brett Kirkland
Quality Control Review

8/3/16
Date

Revised November 2012

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-001657	Miccosukee Police Department	7/27/2016	

BK

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 ☑

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:07
Control Test	0.052	10:08
Air Blank	0.000	10:09
Control Test	0.052	10:09
Air Blank	0.000	10:10
Control Test	0.053	10:11
Air Blank	0.000	10:11
Control Test Stats		
Average	0.0523	
Std Dev	0.0006	
Rel Std Dev(%)	1.1032	

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:12
Control Test	0.079	10:13
Air Blank	0.000	10:13
Control Test	0.079	10:14
Air Blank	0.000	10:15
Control Test	0.083	10:15
Air Blank	0.000	10:16
Control Test Stats		
Average	0.0803	
Std Dev	0.0023	
Rel Std Dev(%)	2.8748	

Disconected DRY GAS SHORTLY BEFORE THE TEST. SEE RETEST RESULTS.

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:17
Control Test	0.201	10:18
Air Blank	0.000	10:18
Control Test	0.200	10:19
Air Blank	0.000	10:20
Control Test	0.202	10:20
Air Blank	0.000	10:21
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel Std Dev(%)	0.4975	

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:27
Control Test	0.081	10:27
Air Blank	0.000	10:28
Control Test	0.080	10:28
Air Blank	0.000	10:29
Control Test	0.081	10:29
Air Blank	0.000	10:29
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Operator's Signature

pgm

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities 2nd Test	80-001657	Micosukee Police Department	7/27/2016	

13K

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 ☐
X	MICCOSUKEE PD Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-001657 07/27/2016 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:22 Control Test 0.080 10:23 Air Blank 0.000 10:23 Control Test 0.079 10:24 Air Blank 0.000 10:25 Control Test 0.080 10:25 Air Blank 0.000 10:26 Control Test Stats Average 0.0797 Std Dev 0.0006 Rel Std Dev(%) 0.7247 Operator's Signature	X	X

BGM

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016 09:26:03

Auto Calibration
Max Power Res Value = 43
Auto Range Res Value = 31

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12741, 9um Io = 13419

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1040	(-0.0340)
Sample #2 =	0.0980	(0.0190)
Sample #3 =	0.1030	(0.0300)
Sample #4 =	0.0830	(0.0390)

Avg % Abs = 0.0947 (0.0293)
STD DEV = 0.0104 (0.0100)
REL STD DEV = 10.995 (34.148)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.2090	(-0.0080)
Sample #2 =	0.0820	(0.1130)
Sample #3 =	0.0890	(0.1090)
Sample #4 =	0.0870	(0.0990)

Avg % Abs = 0.0860 (0.1070)
STD DEV = 0.0036 (0.0072)
REL STD DEV = 4.193 (6.739)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12730, 9um Io = 13401

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8060	(-0.3210)
Sample #2 =	0.7970	(-0.0020)
Sample #3 =	0.7930	(-0.0160)
Sample #4 =	0.7750	(0.0120)

Avg % Abs = 0.7883 (-0.0020)
STD DEV = 0.0117 (0.0140)
REL STD DEV = 1.487 (700.000)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4690	(-0.0140)
Sample #2 =	1.4680	(-0.0260)
Sample #3 =	1.4770	(-0.0300)
Sample #4 =	1.4590	(-0.0120)

Avg % Abs = 1.4680 (-0.0227)
STD DEV = 0.0090 (0.0095)
REL STD DEV = 0.613 (41.698)

Sol Value = 0.100 g/210L ***
Fit value = 0.4752 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12730, 9um Io = 13402

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9290	(-0.0050)
Sample #2 =	1.8930	(0.0330)
Sample #3 =	1.9070	(0.0330)
Sample #4 =	1.9190	(0.0260)

Avg % Abs = 1.9063 (0.0307)
STD DEV = 0.0130 (0.0040)
REL STD DEV = 0.683 (13.179)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5710	(-0.0050)
Sample #2 =	3.5390	(0.0120)
Sample #3 =	3.5850	(0.0150)
Sample #4 =	3.5740	(0.0070)

Avg % Abs = 3.5660 (0.0113)
STD DEV = 0.0240 (0.0040)
REL STD DEV = 0.674 (35.660)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12724, 9um Io = 13399

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6180	(-0.0170)
Sample #2 =	3.6360	(0.0120)
Sample #3 =	3.6380	(0.0080)
Sample #4 =	3.6250	(0.0130)

Avg % Abs = 3.6330 (0.0110)
STD DEV = 0.0078 (0.0026)
REL STD DEV = 0.193 (24.052)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.8250	(0.2000)
Sample #2 =	6.8510	(0.2030)
Sample #3 =	6.8320	(0.2080)
Sample #4 =	6.8130	(0.2000)

Avg % Abs = 6.8320 (0.2027)
STD DEV = 0.0190 (0.0046)
REL STD DEV = 0.278 (173.285)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12720, 9um Io = 13396

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.9750	(-0.0180)
Sample #2 =	6.9590	(-0.0020)
Sample #3 =	6.9550	(0.0100)
Sample #4 =	6.9260	(0.0000)

Avg % Abs = 6.9467 (0.0027)
STD DEV = 0.0180 (0.0064)
REL STD DEV = 0.259 (241.091)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	12.9210	(-0.0150)
Sample #2 =	12.9070	(0.0190)
Sample #3 =	12.8970	(0.0040)
Sample #4 =	12.8750	(0.0030)

Avg % Abs = 12.8930 (0.0087)
STD DEV = 0.0164 (0.0090)
REL STD DEV = 0.127 (103.418)

Optical Calibration
SN: 80-001657
Agency: Miccosukee PD
Date: 07/27/2016
Quadratic Fit: +/-0.002g/210L
By: BKR

***** AUTO CAL DATA *****

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.095
Std Dev = 0.01 Rel Std Dev = 10.99
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.788
Std Dev = 0.01 Rel Std Dev = 1.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.906
Std Dev = 0.01 Rel Std Dev = 0.68
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.633
Std Dev = 0.01 Rel Std Dev = 0.19
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.947
Std Dev = 0.02 Rel Std Dev = 0.26
Zero Order Coef = -209.27
First Order Coef = 2573.77
Second Order Coef = 28.54
Standard Deviation = 42.679546

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.086
Std Dev = 0.00 Rel Std Dev = 4.19
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.468
Std Dev = 0.01 Rel Std Dev = 0.61
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.566
Std Dev = 0.02 Rel Std Dev = 0.67
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.832
Std Dev = 0.02 Rel Std Dev = 0.28
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.893
Std Dev = 0.02 Rel Std Dev = 0.13
Zero Order Coef = -95.83
First Order Coef = 1321.60
Second Order Coef = 12.65
Standard Deviation = 20.498308

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.001	-0.0007
0.040	0.039	0.0014
0.100	0.101	-0.0008
0.200	0.200	0.0001
0.400	0.400	0.0000

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	0.0007
0.100	0.100	-0.0003
0.200	0.200	0.0000
0.400	0.400	0.0000

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3128.00
Sample #2 = 2994.00
Sample #3 = 2991.00
Sample #4 = 3113.00
Average Result = 3032.6667
STD DEV = 69.5869
REL STD DEV = 2.295
****
***** CHANNEL 2
Sample #1 = 3411.00
Sample #2 = 3411.00
Sample #3 = 3421.00
Sample #4 = 3444.00
Average Result = 3425.3333
STD DEV = 16.9214
REL STD DEV = 0.494
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1017
3 um H2O Adjust (mg/l*10,000) = 777
9 um H2O Adjust (mg/l*10,000) = 384
**** AUTO CAL PASS

BKR

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001657	Miccosukee Police Department	07/27/2016	

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 ☒

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:02
Control Test	0.049	08:03
Air Blank	0.000	08:04
Control Test	0.049	08:04
Air Blank	0.000	08:05
Control Test	0.050	08:06
Air Blank	0.000	08:06

Control Test Stats

Average	0.0493
Std Dev	0.0006
Rel Std Dev(%)	1.1703

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:07
Control Test	0.080	08:08
Air Blank	0.000	08:08
Control Test	0.080	08:09
Air Blank	0.000	08:09
Control Test	0.080	08:10
Air Blank	0.000	08:11

Control Test Stats

Average	0.0800
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:12
Control Test	0.201	08:12
Air Blank	0.000	08:13
Control Test	0.200	08:14
Air Blank	0.000	08:14
Control Test	0.201	08:15
Air Blank	0.000	08:15

Control Test Stats

Average	0.2007
Std Dev	0.0006
Rel Std Dev(%)	0.2877

Operator's Signature

MICCOSUKEE PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001657
07/27/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:17
Control Test	0.087	08:17
Air Blank	0.000	08:18
Control Test	0.087	08:18
Air Blank	0.000	08:18
Control Test	0.087	08:19
Air Blank	0.000	08:19

Control Test Stats

Average	0.0870
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature