# FDLE
Alcohol Testing Program

## INSTRUMENT PROCESSING SHEET

Agency FHP S/N 80-006046

Date In 11/21/16 Date Out 11/23/16 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED
NOV 28 2016
FDLE
Alcohol Testing Program

**Intake** Performed By TD

- ☐ 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 Static Bag

Notes:

**Quality Checks** Performed By KWB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 220
- ☑ Flow Verification (L/s)

Flow Column # ATP105

| | | |
|---|---|---|
| 32mm | 0.144 | (.139 - .169) |
| 36mm | 0.160 | (.156 - .190) |
| 53mm | 0.238 | (.228 - .278) |
| 103mm | 0.515 | (.447 - .547) |

- ☑ Barometric Pressure Check
  Gauge ID # 28427
- ☑ Stability Checks

| Simulator | Serial # | Lot #/Exp |
|---|---|---|
| 0.05 | SD1018 | 20150714A 7/14/17 |
| 0.08 | SD1011 | 20160118F 1/28/18 |
| 0.20 | SD1025 | 20160404C 4/5/18 |
| 0.08 DGS | N/A | AF0626060S 9/22/18 |

**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

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

Barometric Pressure Gauge ID #

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.000 | | N/A | N/A |
| 0.040 | | | |
| 0.100 | | | |
| 0.200 | | | |
| 0.400 | | | |
| 0.080 DGS | N/A | | |

- ☐ Post Calibration Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.05 | | | |
| 0.08 | | | |
| 0.20 | | | |
| 0.08 DGS | N/A | | |

**Department Inspection** Performed By KWB

- ☑ Barometric Pressure 1022 Gauge
  ID# 28427 1018 Instrument

Mouth Alcohol Solution Lot # 2015-A

Acetone Stock Solution Lot # 2016-B

| Simulator | Serial Number |
|---|---|
| 0.00 | SD1019 |
| Interferent | SD1021 |
| 0.05 | SD1018 |
| 0.08 | SD1011 |
| 0.20 | SD1025 |

**Attachments**

- ☑ Form 41
- ☑ Pre-Stability Tests
- ☐ Flow Calibration
- ☐ Optical Bench Cal
- ☐ Post-Stability Tests
- ☐ Other

Notes: Checked Digital Pressure Gauge - working correctly KWB

QC 11/28/16

- ☑ **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**

Scott Whitehead
Quality Control Review

11/28/16
Date

Stability Checks #80-006046 FL Highway Patrol 11/23/16 KWB

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
11/23/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:19 |
| Control Test | 0.050 | 14:20 |
| Air Blank | 0.000 | 14:20 |
| Control Test | 0.049 | 14:21 |
| Air Blank | 0.000 | 14:22 |
| Control Test | 0.051 | 14:22 |
| Air Blank | 0.000 | 14:23 |
| Control Test Stats | | |
| Average | 0.0500 | |
| Std Dev | 0.0010 | |
| Rel Std Dev(%) | 2.0000 | |

KWB
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
11/23/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:24 |
| Control Test | 0.080 | 14:25 |
| Air Blank | 0.000 | 14:26 |
| Control Test | 0.081 | 14:26 |
| Air Blank | 0.000 | 14:27 |
| Control Test | 0.081 | 14:28 |
| Air Blank | 0.000 | 14:28 |
| Control Test Stats | | |
| Average | 0.0807 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.7157 | |

KWB
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
11/23/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:29 |
| Control Test | 0.200 | 14:30 |
| Air Blank | 0.000 | 14:31 |
| Control Test | 0.199 | 14:31 |
| Air Blank | 0.000 | 14:32 |
| Control Test | 0.199 | 14:33 |
| Air Blank | 0.000 | 14:33 |
| Control Test Stats | | |
| Average | 0.1993 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.2896 | |

KWB
Operator's Signature

DCF

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
11/23/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:34 |
| Control Test | 0.078 | 14:34 |
| Air Blank | 0.000 | 14:35 |
| Control Test | 0.079 | 14:35 |
| Air Blank | 0.000 | 14:36 |
| Control Test | 0.078 | 14:36 |
| Air Blank | 0.000 | 14:36 |
| Control Test Stats | | |
| Average | 0.0783 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.7370 | |

BK

KWB
Operator's Signature

FDLE
Alcohol Testing Program

# INSTRUMENT PROCESSING SHEET

Agency FHP - Tampa 9/28/16 S/N 80-006046

Date In 8/25/16 Date Out ~~9/21/16~~ 9/28/16 DMB ☐Ship ☐P/U ☐H/D ☐CMI ☑EE

RECEIVED SEP 29 2016 FDLE Alcohol Testing Program

## Intake Performed By KB

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

Visual Inspection:

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

Other Equipment:

- ☒ Power cord
- ☐ Printer Cable
- ☒ Other Static Bag

Notes:

## Quality Checks Performed By DMB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 216
- ☑ Flow Verification (L/s)
  - Flow Column # ATP102
  - 32mm 0.152 (.139 - .169)
  - 36mm 0.171 (.156 - .190)
  - 53mm 0.238 (.228 - .278)
  - 103mm 0.503 (.447 - .547)
- ☑ Barometric Pressure Check
  - Gauge ID # 28427
- ☑ Stability Checks

| Simulator | Serial # | Lot #/Exp |
|---|---|---|
| 0.05 | SD1018 | 201507A 7/14/17 |
| 0.08 | SD1011 | 201601F 1/26/18 |
| 0.20 | SD1025 | 201604C 4/5/18 |
| 0.08 DGS | N/A | AG612405 5/3/18 |

## 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 DMB

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

Barometric Pressure Gauge 1012 ID # 260932

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.000 | SD1016 | N/A | N/A |
| 0.040 | SD1024 | 16101 | 9/2/18 |
| 0.100 | DR1279 | 16001 | 5/8/18 |
| 0.200 | DR3856 | 16103 | 6/14/18 |
| 0.400 | SD1013 | 16102 | 3/22/18 |
| 0.080 DGS | N/A | 1616508DA2 | 7/5/17 |

☑ Post Calibration Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.05 | SD1018 | 201507A | 7/14/17 |
| 0.08 | SD1011 | 201601F | 1/26/18 |
| 0.20 | SD1025 | 201604C | 4/5/18 |
| 0.08 DGS | N/A | AG612405 | 5/3/18 |

## Department Inspection Performed By DMB

- ☑ Barometric Pressure ID# 28427 — 1015 Gauge / 1012 Instrument

Mouth Alcohol Solution Lot # 2015-A

Acetone Stock Solution Lot # 2016-B

| Simulator | Serial Number |
|---|---|
| 0.00 | SD1016 |
| Interferent | SD1022 |
| 0.05 | SD1013 |
| 0.08 | DR1279 |
| 0.20 | DR3856 |

## Attachments

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

Notes: Returning to Enforcement Electronics. Dry Gas still reading 0 on Dig Pressure Gauge. DMB

QC-SP

- ☑ **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**

Scott Kirkland — Quality Control Review

9/29/16 — Date

Revised November 2012

Pre-Cal Stability Checks #80-006046 FL Highway Patrol 9/21/16 RMS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/21/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 16:28 |
| Control Test | 0.050 | 16:29 |
| Air Blank | 0.000 | 16:30 |
| Control Test | 0.050 | 16:30 |
| Air Blank | 0.000 | 16:31 |
| Control Test | 0.050 | 16:32 |
| Air Blank | 0.000 | 16:32 |
| Control Test Stats | | |
| Average | 0.0500 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/21/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 16:34 |
| Control Test | 0.078 | 16:35 |
| Air Blank | 0.000 | 16:35 |
| Control Test | 0.081 | 16:36 |
| Air Blank | 0.000 | 16:37 |
| Control Test | 0.081 | 16:37 |
| Air Blank | 0.000 | 16:38 |
| Control Test Stats | | |
| Average | 0.0800 | |
| Std Dev | 0.0017 | |
| Rel Std Dev(%) | 2.1651 | |

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/21/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 16:40 |
| Control Test | 0.189 | 16:41 |
| Air Blank | 0.000 | 16:41 |
| Control Test | 0.194 | 16:42 |
| Air Blank | 0.000 | 16:43 |
| Control Test | 0.194 | 16:43 |
| Air Blank | 0.000 | 16:44 |
| Control Test Stats | | |
| Average | 0.1923 | |
| Std Dev | 0.0029 | |
| Rel Std Dev(%) | 1.5009 | |

Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/21/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 16:45 |
| Control Test | 0.196 | 16:45 |
| Air Blank | 0.000 | 16:46 |
| Control Test | 0.195 | 16:47 |
| Air Blank | 0.000 | 16:47 |
| Control Test | 0.196 | 16:48 |
| Air Blank | 0.000 | 16:48 |
| Control Test Stats | | |
| Average | 0.1957 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.2951 | |

Operator's Signature

DAS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/21/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 16:49 |
| Control Test | 0.086 | 16:50 |
| Air Blank | 0.000 | 16:50 |
| Control Test | 0.086 | 16:51 |
| Air Blank | 0.000 | 16:51 |
| Control Test | 0.086 | 16:51 |
| Air Blank | 0.000 | 16:52 |
| Control Test Stats | | |
| Average | 0.0860 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

BK

SP

Operator's Signature

Cold countertop
Retested.
RMS

Optical bench calibration data #80-006046 FL Highway Patrol 9/22/16 DB

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016 16:01:56

Auto Calibration
Max Power Res Value = 62
Auto Range Res Value = 50
Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12780, 9um Io = 13427

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.0750 | (-0.0110) |
| Sample #2 = | 0.1120 | (-0.0030) |
| Sample #3 = | 0.1080 | (0.0170) |
| Sample #4 = | 0.0960 | (0.0440) |
| Avg % Abs = | 0.1053 | (0.0193) |
| STD DEV = | 0.0083 | (0.0236) |
| REL STD DEV = | 7.905 | (122.000) |

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.1930 | (-0.0070) |
| Sample #2 = | 0.2160 | (-0.0080) |
| Sample #3 = | 0.2070 | (-0.0020) |
| Sample #4 = | 0.2070 | (0.0010) |
| Avg % Abs = | 0.2100 | (-0.0030) |
| STD DEV = | 0.0052 | (0.0046) |
| REL STD DEV = | 2.474 | (152.753) |

---

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12762, 9um Io = 13419

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.7480 | (-0.0280) |
| Sample #2 = | 0.7530 | (-0.0090) |
| Sample #3 = | 0.6880 | (0.0400) |
| Sample #4 = | 0.7430 | (0.0170) |
| Avg % Abs = | 0.7280 | (0.0160) |
| STD DEV = | 0.0350 | (0.0245) |
| REL STD DEV = | 4.808 | (153.221) |

---

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.4830 | (0.0070) |
| Sample #2 = | 1.4760 | (0.0060) |
| Sample #3 = | 1.4540 | (0.0160) |
| Sample #4 = | 1.4880 | (0.0170) |
| Avg % Abs = | 1.4727 | (0.0130) |
| STD DEV = | 0.0172 | (0.0061) |
| REL STD DEV = | 1.171 | (46.790) |

---

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12754, 9um Io = 13416

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.7510 | (-0.0220) |
| Sample #2 = | 0.6960 | (0.0250) |
| Sample #3 = | 0.7230 | (0.0390) |
| Sample #4 = | 0.7610 | (0.0150) |
| Avg % Abs = | 0.7267 | (0.0263) |
| STD DEV = | 0.0327 | (0.0121) |
| REL STD DEV = | 4.494 | (45.780) |

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.4910 | (-0.0140) |
| Sample #2 = | 1.4610 | (0.0340) |
| Sample #3 = | 1.4720 | (0.0260) |
| Sample #4 = | 1.4760 | (0.0160) |
| Avg % Abs = | 1.4697 | (0.0253) |
| STD DEV = | 0.0078 | (0.0090) |
| REL STD DEV = | 0.529 | (35.599) |

---

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12742, 9um Io = 13407

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.6510 | (-0.0030) |
| Sample #2 = | 1.7160 | (-0.0060) |
| Sample #3 = | 1.7230 | (0.0080) |
| Sample #4 = | 1.7270 | (0.0230) |
| Avg % Abs = | 1.7220 | (0.0083) |
| STD DEV = | 0.0056 | (0.0145) |
| REL STD DEV = | 0.323 | (174.034) |

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.3370 | (-0.0060) |
| Sample #2 = | 3.3860 | (0.0000) |
| Sample #3 = | 3.3940 | (-0.0080) |
| Sample #4 = | 3.4220 | (0.0010) |
| Avg % Abs = | 3.4007 | (-0.0023) |
| STD DEV = | 0.0189 | (0.0049) |
| REL STD DEV = | 0.556 | (211.409) |

---

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12735, 9um Io = 13409

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.2630 | (-0.0130) |
| Sample #2 = | 3.3100 | (-0.0080) |
| Sample #3 = | 3.3430 | (0.0020) |
| Sample #4 = | 3.3400 | (0.0120) |
| Avg % Abs = | 3.3310 | (0.0020) |
| STD DEV = | 0.0182 | (0.0108) |
| REL STD DEV = | 0.548 | (500.000) |

---

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 6.5080 | (0.0070) |
| Sample #2 = | 6.5350 | (0.0520) |
| Sample #3 = | 6.5590 | (0.0550) |
| Sample #4 = | 6.5600 | (0.0470) |
| Avg % Abs = | 6.5513 | (0.0513) |
| STD DEV = | 0.0142 | (0.0040) |
| REL STD DEV = | 0.216 | (7.873) |

---

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12733, 9um Io = 13401

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 6.2240 | (0.0000) |
| Sample #2 = | 6.2450 | (0.0530) |
| Sample #3 = | 6.2670 | (0.0470) |
| Sample #4 = | 6.3040 | (0.0570) |
| Avg % Abs = | 6.2720 | (0.0523) |
| STD DEV = | 0.0298 | (0.0050) |
| REL STD DEV = | 0.475 | (9.618) |

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 12.0810 | (-0.0080) |
| Sample #2 = | 12.1200 | (0.0850) |
| Sample #3 = | 12.1660 | (0.0710) |
| Sample #4 = | 12.1760 | (0.0730) |
| Avg % Abs = | 12.1540 | (0.0763) |
| STD DEV = | 0.0299 | (0.0076) |
| REL STD DEV = | 0.246 | (9.919) |

---

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.105
Std Dev = 0.01 Rel Std Dev = 7.91
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.727
Std Dev = 0.03 Rel Std Dev = 4.49
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.722
Std Dev = 0.01 Rel Std Dev = 0.32
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.331
Std Dev = 0.02 Rel Std Dev = 0.55
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.272
Std Dev = 0.03 Rel Std Dev = 0.48
Zero Order Coef = -227.49
First Order Coef = 2800.87
Second Order Coef = 43.11
Standard Deviation = 61.188213

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.210
Std Dev = 0.01 Rel Std Dev = 2.47
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.470
Std Dev = 0.01 Rel Std Dev = 0.53
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.401
Std Dev = 0.02 Rel Std Dev = 0.56
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.551
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.154
Std Dev = 0.03 Rel Std Dev = 0.25
Zero Order Coef = -236.34
First Order Coef = 1400.04
Second Order Coef = 15.25
Standard Deviation = 59.814342

---

| Solution Stats Quadratic Fit Chan 1 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.001 | -0.0014 |
| 0.040 | 0.038 | 0.0016 |
| 0.100 | 0.099 | 0.0008 |
| 0.200 | 0.201 | -0.0012 |
| 0.400 | 0.400 | 0.0003 |

---

| Solution Stats Quadratic Fit Chan 2 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.001 | -0.0012 |
| 0.040 | 0.039 | 0.0011 |
| 0.100 | 0.099 | 0.0013 |
| 0.200 | 0.201 | -0.0014 |
| 0.400 | 0.400 | 0.0003 |

---

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3243.00
Sample #2 = 3215.00
Sample #3 = 3070.00
Sample #4 = 3175.00
Average Result = 3153.3333
STD DEV = 74.8888
REL STD DEV = 2.375
**********
***** CHANNEL 2
Sample #1 = 3180.00
Sample #2 = 3143.00
Sample #3 = 3142.00
Sample #4 = 3142.00
Average Result = 3142.3333
STD DEV = 0.5774
REL STD DEV = 0.018
**********
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1011
3 um H20 Adjust (mg/l*10,000) = 656
9 um H20 Adjust (mg/l*10,000) = 667
**** AUTO CAL PASS

BK

SP

Post Calibration Stability Checks #80-0006046 FL Highway Patrol 9/22/16

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 17:26 |
| Control Test | 0.050 | 17:27 |
| Air Blank | 0.000 | 17:27 |
| Control Test | 0.049 | 17:28 |
| Air Blank | 0.000 | 17:29 |
| Control Test | 0.050 | 17:29 |
| Air Blank | 0.000 | 17:30 |
| Control Test Stats | | |
| Average | 0.0497 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 1.1625 | |

KMS
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 17:32 |
| Control Test | 0.078 | 17:32 |
| Air Blank | 0.000 | 17:33 |
| Control Test | 0.079 | 17:34 |
| Air Blank | 0.000 | 17:34 |
| Control Test | 0.078 | 17:35 |
| Air Blank | 0.000 | 17:35 |
| Control Test Stats | | |
| Average | 0.0783 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.7370 | |

KMS
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 17:37 |
| Control Test | 0.192 | 17:38 |
| Air Blank | 0.000 | 17:38 |
| Control Test | 0.194 | 17:39 |
| Air Blank | 0.000 | 17:40 |
| Control Test | 0.191 | 17:40 |
| Air Blank | 0.000 | 17:41 |
| Control Test Stats | | |
| Average | 0.1923 | |
| Std Dev | 0.0015 | |
| Rel Std Dev(%) | 0.7942 | |

KMS
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 18:14 |
| Control Test | 0.194 | 18:15 |
| Air Blank | 0.000 | 18:15 |
| Control Test | 0.196 | 18:16 |
| Air Blank | 0.000 | 18:17 |
| Control Test | 0.196 | 18:17 |
| Air Blank | 0.000 | 18:18 |
| Control Test Stats | | |
| Average | 0.1953 | |
| Std Dev | 0.0012 | |
| Rel Std Dev(%) | 0.5911 | |

KMS
Operator's Signature

DCS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
09/22/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 17:21 |
| Control Test | 0.081 | 17:22 |
| Air Blank | 0.000 | 17:22 |
| Control Test | 0.081 | 17:23 |
| Air Blank | 0.000 | 17:23 |
| Control Test | 0.081 | 17:24 |
| Air Blank | 0.000 | 17:24 |
| Control Test Stats | | |
| Average | 0.0810 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

SP

BK

KMS
Operator's Signature

Retest.
Cold Countertops.
KMS

FDLE
Alcohol Testing Program

# INSTRUMENT PROCESSING SHEET

Agency FHP - Tampa S/N 80-006046

Date In 3/31/16 Date Out 4/4/16 ☐Ship ☐P/U ☐H/D ☐CMI ☒EE

RECEIVED
SEP 29 2016
FDLE
Alcohol Testing Program

**Intake** Performed By TP

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

Visual Inspection:

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

Other Equipment:

- ☑ Power cord
- ☐ Printer Cable
- ☑ Other Static Bag

Notes:

**Quality Checks** Performed By RMB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 221
- ☑ Flow Verification (L/s)
  - Flow Column # ATP102
  - 32mm 0.140 (.139 - .169)
  - 36mm 0.156 (.156 - .190)
  - 53mm 0.218 (.228 - .278)
  - 103mm 0.457 (.447 - .547)
- ☑ Barometric Pressure Check
  - Gauge ID # 28427
- ☑ Stability Checks

| Simulator | Serial # | Lot #/Exp |
|---|---|---|
| 0.05 | SD1018 | 201507A 7/14/17 |
| 0.08 | SD1011 | 2016DIF 01/26/18 |
| 0.20 | G4444 | 201505A 5/12/17 |
| 0.08 DGS | N/A | AG1605301 2/22/18 |

**Flow Calibration** Performed By RMB

- ☐ Flow Calibration N/A
- ☑ Flow Calibration Complete
  - Flow Column # ATP103
  - ☑ 5L/min – 17mm
  - ☑ 15L/min – 53mm
  - ☑ 30L/min – 103mm
- ☑ R-Value 222
- ☑ Post Calibration Verification (L/s)
  - Flow Column # ATP102
  - 32mm 0.152 (.139 - .169)
  - 36mm 0.167 (.156 - .190)
  - 53mm 0.238 (.228 - .278)
  - 103mm 0.503 (.447 - .547)

**Maintenance** Performed By

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

**Suggested Service**

Send for repair of dry gas digital sensor. Reading 0. RMB

**Optical Bench Calibration** Performed By

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

Barometric Pressure Gauge ID #

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.000 | | N/A | N/A |
| 0.040 | | | |
| 0.100 | | | |
| 0.200 | | | |
| 0.400 | | | |
| 0.080 DGS | N/A | | |

☐ Post Calibration Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.05 | | | |
| 0.08 | | | |
| 0.20 | | | |
| 0.08 DGS | N/A | | |

**Department Inspection** Performed By

- ☐ Barometric Pressure ID# Gauge Instrument

Mouth Alcohol Solution Lot #

Acetone Stock Solution Lot #

| Simulator | Serial Number |
|---|---|
| 0.00 | |
| Interferent | |
| 0.05 | |
| 0.08 | |
| 0.20 | |

**Attachments**

- ☐ Form 41
- ☑ Pre-Stability Tests
- ☑ Flow Calibration
- ☐ Optical Bench Cal
- ☐ Post-Stability Tests
- ☐ Other

Notes: All values reading within tolerance. Sending for repair of digital dry gas sensor.

- ☐ **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**

BK

Quality Control Review

Date

Revised November 2012

Stability Checks 80-006046 FHP 4/4/16 RMB

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:02 |
| Control Test | 0.050 | 12:03 |
| Air Blank | 0.000 | 12:04 |
| Control Test | 0.051 | 12:04 |
| Air Blank | 0.000 | 12:05 |
| Control Test | 0.050 | 12:05 |
| Air Blank | 0.000 | 12:06 |
| Control Test Stats | | |
| Average | 0.0503 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 1.1471 | |

RMB
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:08 |
| Control Test | 0.080 | 12:08 |
| Air Blank | 0.000 | 12:09 |
| Control Test | 0.080 | 12:10 |
| Air Blank | 0.000 | 12:10 |
| Control Test | 0.080 | 12:11 |
| Air Blank | 0.000 | 12:12 |
| Control Test Stats | | |
| Average | 0.0800 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

RMB
Operator's Signature

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:13 |
| Control Test | 0.200 | 12:14 |
| Air Blank | 0.000 | 12:15 |
| Control Test | 0.199 | 12:15 |
| Air Blank | 0.000 | 12:16 |
| Control Test | 0.199 | 12:17 |
| Air Blank | 0.000 | 12:17 |
| Control Test Stats | | |
| Average | 0.1993 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.2896 | |

RMB
Operator's Signature

DGS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:19 |
| Control Test | 0.076 | 12:20 |
| Air Blank | 0.000 | 12:20 |
| Control Test | 0.076 | 12:20 |
| Air Blank | 0.000 | 12:21 |
| Control Test | 0.076 | 12:21 |
| Air Blank | 0.000 | 12:22 |
| Control Test Stats | | |
| Average | 0.0760 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

Readjusted Cylinder to confirm good seal RMB

RMB
Operator's Signature

DGS

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:28 |
| Control Test | 0.076 | 12:28 |
| Air Blank | 0.000 | 12:28 |
| Control Test | 0.076 | 12:29 |
| Air Blank | 0.000 | 12:29 |
| Control Test | 0.076 | 12:30 |
| Air Blank | 0.000 | 12:30 |
| Control Test Stats | | |
| Average | 0.0760 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

BK

RMB
Operator's Signature

Flow Calibration
80-006046
FL Highway Patrol
4/4/16
RAB

FL HIGHWAY PATROL
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006046
04/04/2016
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff) ) = 6.555
2: Rate (Liters/min) = 15
SQRT(Diff) ) = 11.090
3: Rate (Liters/min) = 30
SQRT(Diff) ) = 19.516
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 746
Rounded Intercept = -699321
Correlation = 0.99840

1515