FDLE

Florida Department of Law Enforcement

# INSTRUMENT PROCESSING SHEET

Agency Daytona Beach Shores PD    S/N 80-001242

Date In 11/7/17    DI Completion Date 11/9/17    ☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

## Intake
Performed By [signature]

☑ 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: Phone Cord Included

## Final Release Date

NOV 14 2017

## Quality Checks
Performed By PGM

☑ Breath Tube Screen
☑ Replace External O-Rings
☑ Instrument Set Up Verified
☑ R-Value 221
☑ Flow Verification (L/s)
Flow Column # ATP105

| | | |
|---|---|---|
| 32 mm | .164 | (.139 - .169) |
| 36 mm | .180 | (.156 - .190) |
| 53 mm | .257 | (.228 - .278) |
| 103 mm | .519 | (.447 - .547) |

☑ Barometric Pressure Check
Gauge ID # 28421
☑ Stability Checks

| Simulator | Serial # | Lot #/Exp |
|---|---|---|
| 0.050 | SD3962 | 201707D 7/25/19 |
| 0.080 | SD1013 | 201707E 7/25/19 |
| 0.200 | DR3856 | 201707C 7/24/19 |
| 0.080 DGS | N/A | AG626605 9/22/18 |

## 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 PGM

☑ Lab Temp °C 21.7
External Digital Therm. ID#: 300504
☑ 34°C +-.2 Serial #: G2835
☑ 34°C +-.2 Serial #: DR1279
☑ 34°C +-.2 Serial #: SD1025

## Calibration Adjustment
Performed By PGM

Barometric Pressure Gauge 1015 ID # 28427

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.000 | SD1016 | N/A | N/A |
| 0.040 | SD1018 | 16320 | 10/12/18 |
| 0.100 | G2834 | 17060 | 2/14/19 |
| 0.200 | G2408 | 17090 | 2/24/19 |
| 0.300 | DR1275 | 16410 | 12/19/18 |
| 0.080 DGS | N/A | 17817080A2 | 8/5/19 |

☑ Post Calibration Adjustment Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.050 | G2835 | 201707D | 7/25/19 |
| 0.080 | DR1279 | 201707E | 7/25/19 |
| 0.200 | SD1025 | 201707C | 7/24/19 |
| 0.080 DGS | N/A | AG626605 | 9/22/18 |

## Department Inspection
Performed By PGM

Barometric Pressure ID# 28421
Gauge 1014    Instrument 1015
Mouth Alcohol Solution Lot # 2016-C
Acetone Stock Solution Lot # 2017-A

| Simulator | Serial Number |
|---|---|
| 0.000 | G2880 |
| Interferent | G2840 |
| 0.050 | G2835 |
| 0.080 | DR1279 |
| 0.200 | SD1025 |

## Attachments

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

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**

SP 11/14/17    [signature] 11/14/17

Tech Review / Date    Admin Review / Date

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/08/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:39 |
| Control Test | 0.050 | 14:40 |
| Air Blank | 0.000 | 14:41 |
| Control Test | 0.050 | 14:41 |
| Air Blank | 0.000 | 14:42 |
| Control Test | 0.050 | 14:43 |
| Air Blank | 0.000 | 14:43 |

Control Test Stats

| | | |
|---|---|---|
| Average | 0.0500 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

P Murphy
Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/08/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:56 |
| Control Test | 0.081 | 14:56 |
| Air Blank | 0.000 | 14:57 |
| Control Test | 0.081 | 14:57 |
| Air Blank | 0.000 | 14:58 |
| Control Test | 0.081 | 14:59 |
| Air Blank | 0.000 | 14:59 |

Control Test Stats

| | | |
|---|---|---|
| Average | 0.0810 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

P Murphy
Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/08/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 14:49 |
| Control Test | 0.197 | 14:49 |
| Air Blank | 0.000 | 14:50 |
| Control Test | 0.197 | 14:51 |
| Air Blank | 0.000 | 14:51 |
| Control Test | 0.196 | 14:52 |
| Air Blank | 0.000 | 14:52 |

Control Test Stats

| | | |
|---|---|---|
| Average | 0.1967 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.2936 | |

P Murphy
Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/08/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 15:00 |
| Control Test | 0.078 | 15:01 |
| Air Blank | 0.000 | 15:01 |
| Control Test | 0.078 | 15:02 |
| Air Blank | 0.000 | 15:02 |
| Control Test | 0.078 | 15:02 |
| Air Blank | 0.000 | 15:03 |

Control Test Stats

| | | |
|---|---|---|
| Average | 0.0780 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

DGS

P Murphy
Operator's Signature

SP

11/14/17
JD

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/09/2017 09:17:58

Auto Calibration
Max Power Res Value = 63
Auto Range Res Value = 50

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12654, 9um Io = 14005

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.0990 | (-0.0160) |
| Sample #2 = | 0.0860 | (0.0180) |
| Sample #3 = | 0.0670 | (0.0590) |
| Sample #4 = | 0.0810 | (0.0550) |

Avg % Abs = 0.0780 (0.0440)
STD DEV = 0.0098 (0.0226)
REL STD DEV = 12.627 (51.376)

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.1290 | (-0.0280) |
| Sample #2 = | 0.1160 | (0.0000) |
| Sample #3 = | 0.1270 | (0.0010) |
| Sample #4 = | 0.1450 | (-0.0030) |

Avg % Abs = 0.1293 (-0.0007)
STD DEV = 0.0146 (0.0021)
REL STD DEV = 11.320 (312.250)

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Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12643, 9um Io = 14003

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.7840 | (-0.0090) |
| Sample #2 = | 0.7950 | (0.0270) |
| Sample #3 = | 0.7900 | (0.0400) |
| Sample #4 = | 0.7920 | (0.0540) |

Avg % Abs = 0.7923 (0.0403)
STD DEV = 0.0025 (0.0135)
REL STD DEV = 0.318 (33.479)

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.4710 | (0.0070) |
| Sample #2 = | 1.4920 | (0.0160) |
| Sample #3 = | 1.5070 | (0.0140) |
| Sample #4 = | 1.5090 | (0.0260) |

Avg % Abs = 1.5027 (0.0187)
STD DEV = 0.0093 (0.0064)
REL STD DEV = 0.618 (34.442)

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Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12637, 9um Io = 13999

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.8580 | (-0.0150) |
| Sample #2 = | 1.8500 | (0.0270) |
| Sample #3 = | 1.8730 | (0.0260) |
| Sample #4 = | 1.8870 | (0.0200) |

Avg % Abs = 1.8700 (0.0243)
STD DEV = 0.0187 (0.0038)
REL STD DEV = 0.999 (15.559)

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.5300 | (0.0050) |
| Sample #2 = | 3.5560 | (0.0170) |
| Sample #3 = | 3.5450 | (0.0190) |
| Sample #4 = | 3.5500 | (0.0280) |

Avg % Abs = 3.5503 (0.0213)
STD DEV = 0.0055 (0.0059)
REL STD DEV = 0.155 (27.466)

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Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12629, 9um Io = 13993

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.5510 | (-0.0200) |
| Sample #2 = | 3.5480 | (-0.0170) |
| Sample #3 = | 3.5410 | (0.0110) |
| Sample #4 = | 3.5690 | (0.0170) |

Avg % Abs = 3.5527 (0.0037)
STD DEV = 0.0146 (0.0181)
REL STD DEV = 0.410 (494.933)

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 6.7160 | (-0.0130) |
| Sample #2 = | 6.7430 | (-0.0040) |
| Sample #3 = | 6.7600 | (0.0000) |
| Sample #4 = | 6.7600 | (0.0140) |

Avg % Abs = 6.7543 (0.0033)
STD DEV = 0.0098 (0.0095)
REL STD DEV = 0.145 (283.549)

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Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12626, 9um Io = 13993

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 5.0910 | (-0.0260) |
| Sample #2 = | 5.1550 | (-0.0050) |
| Sample #3 = | 5.1950 | (0.0210) |
| Sample #4 = | 5.1930 | (0.0180) |

Avg % Abs = 5.1810 (0.0113)
STD DEV = 0.0225 (0.0142)
REL STD DEV = 0.435 (125.509)

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 9.5550 | (-0.0080) |
| Sample #2 = | 9.7160 | (0.0030) |
| Sample #3 = | 9.7590 | (0.0190) |
| Sample #4 = | 9.7900 | (0.0140) |

Avg % Abs = 9.7550 (0.0120)
STD DEV = 0.0372 (0.0082)
REL STD DEV = 0.381 (68.211)

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

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.078
Std Dev = 0.01 Rel Std Dev = 12.63
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.792
Std Dev = 0.00 Rel Std Dev = 0.32
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.870
Std Dev = 0.02 Rel Std Dev = 1.00
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.553
Std Dev = 0.01 Rel Std Dev = 0.41
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.181
Std Dev = 0.02 Rel Std Dev = 0.44
Zero Order Coef = -195.33
First Order Coef = 2591.02
Second Order Coef = 39.53
Standard Deviation = 19.246769

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.129
Std Dev = 0.01 Rel Std Dev = 11.32
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.503
Std Dev = 0.01 Rel Std Dev = 0.62
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.550
Std Dev = 0.01 Rel Std Dev = 0.16
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.754
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.755
Std Dev = 0.04 Rel Std Dev = 0.38
Zero Order Coef = -156.95
First Order Coef = 1332.92
Second Order Coef = 15.08
Standard Deviation = 15.805025

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SP

11/14/17
JD

80-001242

| Solution Stats Quadratic Fit Chan 1 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.000 | -0.0001 |
| 0.040 | 0.040 | 0.0005 |
| 0.100 | 0.101 | -0.0006 |
| 0.200 | 0.200 | 0.0003 |
| 0.300 | 0.300 | -0.0001 |

| Solution Stats Quadratic Fit Chan 2 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.000 | -0.0003 |
| 0.040 | 0.039 | 0.0005 |
| 0.100 | 0.100 | -0.0001 |
| 0.200 | 0.200 | -0.0002 |
| 0.300 | 0.300 | 0.0001 |

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3418.00
Sample #2 = 3436.00
Sample #3 = 3420.00
Sample #4 = 3405.00
Average Result = 3420.3333
STD DEV = 15.5027
REL STD DEV = 0.453
**********
***** CHANNEL 2
Sample #1 = 3488.00
Sample #2 = 3476.00
Sample #3 = 3459.00
Sample #4 = 3465.00
Average Result = 3466.6667
STD DEV = 8.6217
REL STD DEV = 0.249
**********
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1015
3 um H20 Adjust (mg/l*10,000) = 389
9 um H20 Adjust (mg/l*10,000) = 343
**** AUTO CAL PASS

Post Calibration
Adjust Stabilites

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/09/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 10:57 |
| Control Test | 0.049 | 10:58 |
| Air Blank | 0.000 | 10:58 |
| Control Test | 0.048 | 10:59 |
| Air Blank | 0.000 | 10:59 |
| Control Test | 0.048 | 11:00 |
| Air Blank | 0.000 | 11:01 |

Control Test Stats
Average 0.0483
Std Dev 0.0006
Rel Std Dev(%) 1.1945

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Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/09/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 11:03 |
| Control Test | 0.080 | 11:03 |
| Air Blank | 0.000 | 11:04 |
| Control Test | 0.080 | 11:05 |
| Air Blank | 0.000 | 11:05 |
| Control Test | 0.080 | 11:06 |
| Air Blank | 0.000 | 11:06 |

Control Test Stats
Average 0.0800
Std Dev 0.0000
Rel Std Dev(%) 0.0000

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Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/09/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 11:08 |
| Control Test | 0.199 | 11:09 |
| Air Blank | 0.000 | 11:09 |
| Control Test | 0.200 | 11:10 |
| Air Blank | 0.000 | 11:11 |
| Control Test | 0.200 | 11:11 |
| Air Blank | 0.000 | 11:12 |

Control Test Stats
Average 0.1997
Std Dev 0.0006
Rel Std Dev(%) 0.2892

PMurphy
Operator's Signature

DAYTONA BEACH SHORES
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001242
11/09/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 11:14 |
| Control Test | 0.078 | 11:14 |
| Air Blank | 0.000 | 11:15 |
| Control Test | 0.078 | 11:15 |
| Air Blank | 0.000 | 11:16 |
| Control Test | 0.078 | 11:16 |
| Air Blank | 0.000 | 11:17 |

Control Test Stats
Average 0.0780
Std Dev 0.0000
Rel Std Dev(%) 0.0000

SP

DGS

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Operator's Signature

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SD