FDLE
Alcohol Testing Program

## INSTRUMENT PROCESSING SHEET

Agency: Deland PD  S/N: 80-001114

Date In: 12/28/16  Date Out: 1/10/17  ☒Ship ☐P/U ☐H/D ☐CMI ☐EE

### Intake — Performed By: TP

- ☐ 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: [illegible]

- ☒ Breath Tube Screen
- ☒ Replace O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value: 208
- ☒ Flow Verification (L/s)
  - Flow Column #: ATP102
  - 32mm: .160 (.139 - .169)
  - 36mm: .171 (.156 - .190)
  - 53mm: .242 (.228 - .278)
  - 103mm: .503 (.447 - .547)
- ☒ Barometric Pressure Check
  - Gauge ID #: 26932
- ☒ Stability Checks

| Simulator | Serial # | Lot #/Exp |
|---|---|---|
| 0.05 | DR2035 | 201603D 3/8/18 |
| 0.08 | SD1011 | 201601F 1/26/18 |
| 0.20 | SD1025 | 201604C 4/5/18 |
| 0.08 DGS | N/A | AG619605 7/14/18 |

### 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)

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### Maintenance — Performed By: ______

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

### Suggested Service

______

### Optical Bench Calibration — Performed By: [illegible]

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

Barometric Pressure Gauge: 1028  ID #: 28421

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.000 | SD1016 | N/A | N/A |
| 0.040 | SD1024 | 16101 | 2/2/18 |
| 0.100 | SD1013 | 16001 | 5/8/18 |
| 0.200 | DR3856 | 16103 | 6/14/18 |
| 0.400 | SD1012 | 16102 | 3/22/18 |
| 0.080 DGS | N/A | 03415080A1 | 3/5/17 |

☒ Post Calibration Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|---|---|---|---|
| 0.05 | SD2035 | 201603D | 3/8/18 |
| 0.08 | SD1011 | 201601F | 1/26/18 |
| 0.20 | SD1025 | 201604C | 4/5/18 |
| 0.08 DGS | N/A | AG619605 | 7/14/18 |

### Department Inspection — Performed By: [illegible]

☒ Barometric Pressure: 1030 Gauge; 1027 Instrument
ID#: 26932

Mouth Alcohol Solution Lot #: 2016-A
Acetone Stock Solution Lot #: 2016-B

| Simulator | Serial Number |
|---|---|
| 0.00 | SD1019 |
| Interferent | SD1021 |
| 0.05 | DR2035 |
| 0.08 | SD1011 |
| 0.20 | SD1025 |

### Attachments

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

Notes: QC: [illegible]

- ☒ **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

1/12/17
Date

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017 11:46:52

Auto Calibration
Max Power Res Value = 21
Auto Range Res Value = 5

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11528, 9um Io = 14053
<<<<< CHANNEL 1 >>>>>

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.1940 | (-0.0070) |
| Sample #2 = | 0.1970 | (0.0540) |
| Sample #3 = | 0.1980 | (0.0880) |
| Sample #4 = | 0.1970 | (0.1150) |

Avg % Abs = 0.1973 (0.0857)
STD DEV = 0.0006 (0.0306)
REL STD DEV = 0.293 (35.681)
-------------------

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.1710 | (-0.0080) |
| Sample #2 = | 0.2060 | (0.0070) |
| Sample #3 = | 0.2190 | (0.0100) |
| Sample #4 = | 0.2130 | (0.0280) |

Avg % Abs = 0.2127 (0.0150)
STD DEV = 0.0065 (0.0114)
REL STD DEV = 3.059 (75.719)
-------------------

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11505, 9um Io = 14043
<<<<< CHANNEL 1 >>>>>

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 0.9090 | (-0.0260) |
| Sample #2 = | 0.8820 | (0.0180) |
| Sample #3 = | 0.8910 | (0.0380) |
| Sample #4 = | 0.9000 | (0.0560) |

Avg % Abs = 0.8910 (0.0373)
STD DEV = 0.0090 (0.0190)
REL STD DEV = 1.010 (50.916)
-------------------

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.6000 | (-0.0230) |
| Sample #2 = | 1.5870 | (0.0080) |
| Sample #3 = | 1.5890 | (0.0000) |
| Sample #4 = | 1.5960 | (0.0150) |

Avg % Abs = 1.5907 (0.0077)
STD DEV = 0.0047 (0.0075)
REL STD DEV = 0.297 (97.899)
-------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11495, 9um Io = 14041
<<<<< CHANNEL 1 >>>>>

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 1.9890 | (-0.0230) |
| Sample #2 = | 1.9840 | (0.0160) |
| Sample #3 = | 1.9900 | (0.0040) |
| Sample #4 = | 1.9980 | (0.0280) |

Avg % Abs = 1.9907 (0.0160)
STD DEV = 0.0070 (0.0120)
REL STD DEV = 0.353 (75.000)
-------------------

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.6870 | (-0.0060) |
| Sample #2 = | 3.6700 | (0.0140) |
| Sample #3 = | 3.6720 | (0.0240) |
| Sample #4 = | 3.6820 | (0.0280) |

Avg % Abs = 3.6747 (0.0220)
STD DEV = 0.0064 (0.0072)
REL STD DEV = 0.175 (32.778)
-------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11492, 9um Io = 14039
<<<<< CHANNEL 1 >>>>>

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 3.7450 | (-0.0120) |
| Sample #2 = | 3.7330 | (0.0170) |
| Sample #3 = | 3.7440 | (0.0290) |
| Sample #4 = | 3.7300 | (0.0460) |

Avg % Abs = 3.7357 (0.0307)
STD DEV = 0.0074 (0.0146)
REL STD DEV = 0.197 (47.516)
-------------------

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 6.9850 | (0.0040) |
| Sample #2 = | 6.9990 | (0.0280) |
| Sample #3 = | 6.9810 | (0.0420) |
| Sample #4 = | 6.9660 | (0.0570) |

Avg % Abs = 6.9820 (0.0423)
STD DEV = 0.0165 (0.0145)
REL STD DEV = 0.237 (34.259)
-------------------

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 11488, 9um Io = 14034
<<<<< CHANNEL 1 >>>>>

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 7.0610 | (-0.0140) |
| Sample #2 = | 7.0510 | (0.0370) |
| Sample #3 = | 7.0660 | (0.0420) |
| Sample #4 = | 7.0710 | (0.0400) |

Avg % Abs = 7.0627 (0.0397)
STD DEV = 0.0104 (0.0025)
REL STD DEV = 0.147 (6.344)
-------------------

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

| Sample | % Abs | (% Abs Ref) |
|---|---|---|
| Sample #1 = | 13.0530 | (0.0010) |
| Sample #2 = | 13.0330 | (0.0600) |
| Sample #3 = | 13.0260 | (0.0650) |
| Sample #4 = | 13.0410 | (0.0860) |

Avg % Abs = 13.0333 (0.0703)
STD DEV = 0.0075 (0.0138)
REL STD DEV = 0.058 (19.615)
-------------------

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.197
Std Dev = 0.00 Rel Std Dev = 0.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.891
Std Dev = 0.01 Rel Std Dev = 1.01
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.991
Std Dev = 0.01 Rel Std Dev = 0.35
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.736
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 7.063
Std Dev = 0.01 Rel Std Dev = 0.15
Zero Order Coef = -474.72
First Order Coef = 2585.59
Second Order Coef = 25.21
Standard Deviation = 34.288914
-------------------

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.213
Std Dev = 0.01 Rel Std Dev = 3.06
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.591
Std Dev = 0.00 Rel Std Dev = 0.30
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.675
Std Dev = 0.01 Rel Std Dev = 0.17
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.982
Std Dev = 0.02 Rel Std Dev = 0.24
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 13.033
Std Dev = 0.01 Rel Std Dev = 0.06
Zero Order Coef = -251.94
First Order Coef = 1314.41
Second Order Coef = 12.73
Standard Deviation = 25.454697
-------------------

TSK
DWB

| Solution Stats Quadratic Fit Chan 1 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.001 | -0.0008 |
| 0.040 | 0.039 | 0.0012 |
| 0.100 | 0.100 | -0.0002 |
| 0.200 | 0.200 | -0.0003 |
| 0.400 | 0.400 | 0.0001 |

| Solution Stats Quadratic Fit Chan 2 | | |
|---|---|---|
| Act | Fit | Residual |
| g/210L | g/210L | g/210L |
| 0.000 | 0.001 | -0.0006 |
| 0.040 | 0.039 | 0.0007 |
| 0.100 | 0.100 | 0.0003 |
| 0.200 | 0.200 | -0.0005 |
| 0.400 | 0.400 | 0.0001 |

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = -474.00
Sample #2 = 2799.00
Sample #3 = 2818.00
Sample #4 = 2760.00
Average Result = 2792.3333
STD DEV = 29.5691
REL STD DEV = 1.059
**********
***** CHANNEL 2
Sample #1 = -241.00
Sample #2 = 3189.00
Sample #3 = 3183.00
Sample #4 = 3195.00
Average Result = 3189.0000
STD DEV = 6.0000
REL STD DEV = 0.188
**********
Dry Gas H20 Adjust Results **********
Barometric Pressure = 1027
3 um H20 Adjust (mg/l*10,000) = 1017
9 um H20 Adjust (mg/l*10,000) = 620
**** AUTO CAL PASS

AWS

BK

PRE - CALIBRATION

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 10:54 |
| Control Test | 0.052 | 10:54 |
| Air Blank | 0.000 | 10:55 |
| Control Test | 0.051 | 10:56 |
| Air Blank | 0.000 | 10:56 |
| Control Test | 0.051 | 10:57 |
| Air Blank | 0.000 | 10:57 |
| Control Test Stats | | |
| Average | 0.0513 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 1.1247 | |

P Murphy
Operator's Signature

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 10:28 |
| Control Test | 0.083 | 10:29 |
| Air Blank | 0.000 | 10:29 |
| Control Test | 0.083 | 10:30 |
| Air Blank | 0.000 | 10:30 |
| Control Test | 0.083 | 10:31 |
| Air Blank | 0.000 | 10:32 |
| Control Test Stats | | |
| Average | 0.0830 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

P Murphy
Operator's Signature

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Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 10:23 |
| Control Test | 0.200 | 10:23 |
| Air Blank | 0.000 | 10:24 |
| Control Test | 0.199 | 10:25 |
| Air Blank | 0.000 | 10:25 |
| Control Test | 0.201 | 10:26 |
| Air Blank | 0.000 | 10:26 |
| Control Test Stats | | |
| Average | 0.2000 | |
| Std Dev | 0.0010 | |
| Rel Std Dev(%) | 0.5000 | |

P Murphy
Operator's Signature

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 10:50 |
| Control Test | 0.079 | 10:50 |
| Air Blank | 0.000 | 10:51 |
| Control Test | 0.079 | 10:51 |
| Air Blank | 0.000 | 10:51 |
| Control Test | 0.079 | 10:52 |
| Air Blank | 0.000 | 10:52 |
| Control Test Stats | | |
| Average | 0.0790 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

DGS

P Murphy
Operator's Signature

BK

ADB

POST-CALIBRATION

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:36 |
| Control Test | 0.050 | 12:37 |
| Air Blank | 0.000 | 12:37 |
| Control Test | 0.050 | 12:38 |
| Air Blank | 0.000 | 12:39 |
| Control Test | 0.050 | 12:39 |
| Air Blank | 0.000 | 12:40 |
| Control Test Stats | | |
| Average | 0.0500 | |
| Std Dev | 0.0000 | |
| Rel Std Dev(%) | 0.0000 | |

P Murphy
Operator's Signature

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Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:47 |
| Control Test | 0.080 | 12:48 |
| Air Blank | 0.000 | 12:49 |
| Control Test | 0.081 | 12:49 |
| Air Blank | 0.000 | 12:50 |
| Control Test | 0.082 | 12:51 |
| Air Blank | 0.000 | 12:51 |
| Control Test Stats | | |
| Average | 0.0810 | |
| Std Dev | 0.0010 | |
| Rel Std Dev(%) | 1.2346 | |

P Murphy
Operator's Signature

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:42 |
| Control Test | 0.199 | 12:42 |
| Air Blank | 0.000 | 12:43 |
| Control Test | 0.199 | 12:44 |
| Air Blank | 0.000 | 12:44 |
| Control Test | 0.200 | 12:45 |
| Air Blank | 0.000 | 12:45 |
| Control Test Stats | | |
| Average | 0.1993 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.2896 | |

P Murphy
Operator's Signature

DELAND P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001114
01/10/2017
Software: 8100.27

| Test | g/210L | Time |
|---|---|---|
| Air Blank | 0.000 | 12:53 |
| Control Test | 0.081 | 12:53 |
| Air Blank | 0.000 | 12:54 |
| Control Test | 0.080 | 12:54 |
| Air Blank | 0.000 | 12:55 |
| Control Test | 0.080 | 12:55 |
| Air Blank | 0.000 | 12:56 |
| Control Test Stats | | |
| Average | 0.0803 | |
| Std Dev | 0.0006 | |
| Rel Std Dev(%) | 0.7187 | |

DGS

BK

DGB

P Murphy
Operator's Signature