



INSTRUMENT PROCESSING SHEET

Agency St. Lucie County

S/N 80-000788

Florida Department of Law Enforcement

Date In 11/14/17

DI Completion Date 11/15/17

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: \_\_\_\_\_

**Quality Checks** Performed By SP

Breath Tube Screen  
 Replace External O-Rings  
 Instrument Set Up Verified  
 R-Value 158  
 Flow Verification (L/s)  
 Flow Column # ATP102  
 32 mm .156 (.139 - .169)  
 36 mm .171 (.156 - .190)  
 53 mm .242 (.228 - .278)  
 103 mm .503 (.447 - .547)

Barometric Pressure Check  
 Gauge ID # 26932

Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	<u>SD3962</u>	<u>201707D</u> <u>7-25-19</u>
0.080	<u>SD1013</u>	<u>201707E</u> <u>7-25-19</u>
0.200	<u>DR3856</u>	<u>201707C</u> <u>7-24-19</u>
0.080 DGS	N/A	<u>AB626604</u> <u>9-22-18</u>

**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 \_\_\_\_\_

**Final Release Date**

**NOV 15 2017**

**Temperature Checks** Performed By SP

Lab Temp °C 22.3  
 External Digital Therm. ID#: 300505

34°C +/- .2 Serial #: SD3962  
 34°C +/- .2 Serial #: SD1013  
 34°C +/- .2 Serial #: DR3856

**Calibration Adjustment** Performed By \_\_\_\_\_

Barometric Pressure Gauge ID # \_\_\_\_\_

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

**Department Inspection** Performed By SP

Barometric Pressure ID# 26932  
 Gauge 1018 Instrument 1017  
 Mouth Alcohol Solution Lot # 2016-C  
 Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.000	<u>SD1019</u>
Interferent	<u>SD1021</u>
0.050	<u>SD3962</u>
0.080	<u>SD1013</u>
0.200	<u>DR3856</u>

**Attachments**

Form 41  
 Stability Checks  
 Calibration Adjustment  
 Post-Stability Checks

Flow Calibration  
 Form 40  
 Other \_\_\_\_\_

Notes/Suggested Service: Agency having issues w/ level 2 password. Reloaded software to instrument.  
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

[Signature] 11/15/17 [Signature] 11/15/17  
 Tech Review / Date Admin Review / Date

# STABILITY CHECKS # 80-000788

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 11/15/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:28
Control Test	0.050	11:29
Air Blank	0.000	11:30
Control Test	0.050	11:30
Air Blank	0.000	11:31
Control Test	0.050	11:31
Air Blank	0.000	11:32
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 11/15/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:33
Control Test	0.081	11:34
Air Blank	0.000	11:34
Control Test	0.082	11:35
Air Blank	0.000	11:35
Control Test	0.082	11:36
Air Blank	0.000	11:37
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

SP

Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 11/15/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:38
Control Test	0.199	11:38
Air Blank	0.000	11:39
Control Test	0.200	11:39
Air Blank	0.000	11:40
Control Test	0.200	11:41
Air Blank	0.000	11:41
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

SP

Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 11/15/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:42
Control Test	0.082	11:42
Air Blank	0.000	11:43
Control Test	0.082	11:43
Air Blank	0.000	11:43
Control Test	0.082	11:43
Air Blank	0.000	11:44
Control Test	0.082	11:44
Air Blank	0.000	11:44
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

11/15/17  
 JD





Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency St. Lucie County S/N 80-000788

Date In 8/31/17 Date Out 9/7/17  Ship  P/U  H/D  CMI  EE

**Intake** Performed By [Signature]

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 SP

Lab Temp °C 22.5  
 Breath Tube Screen  
 Replace External O-Rings  
 Instrument Set Up Verified  
 R-Value 164  
 Flow Verification (L/s)  
 Flow Column # ATP105  
 32mm .160 (.139 - .169)  
 36mm .175 (.156 - .190)  
 53mm .250 (.228 - .278)  
 103mm .519 (.447 - .547)

Barometric Pressure Check  
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	<u>G2078</u>	<u>2017070</u> <u>7-25-19</u>
0.08	<u>G8149</u>	<u>201707E</u> <u>7-25-19</u>
0.20	<u>G2408</u>	<u>201707C</u> <u>7-24-19</u>
0.08 DGS	N/A	<u>AG626604</u> <u>9-22-18</u>

**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 (45)  
 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 \_\_\_\_\_

**Quality Checks Cont.** Performed By SP  
**Simulator Temperatures °C**  
 External Digital Therm. ID#: 300504  
 34°C ±.2 Serial #: G2078  
 34°C ±.2 Serial #: G8149  
 34°C ±.2 Serial #: G2408

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SEP 07 2017  
FDLE Alcohol Testing Program

**Calibration Adjustment** Performed By \_\_\_\_\_

Calibration Adjustment N/A  
 Calibration Adjustment Complete

Barometric Pressure Gauge \_\_\_\_\_ ID # \_\_\_\_\_

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

Post Calibration Adjustment Stability Checks

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

**Department Inspection** Performed By SP

Barometric Pressure  
 ID# 28427 1015 Gauge  
1015 Instrument

Mouth Alcohol Solution Lot # 2016-C  
 Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	<u>G2879</u>
Interferent	<u>G8144</u>
0.05	<u>G2078</u>
0.08	<u>G8149</u>
0.20	<u>G2408</u>

**Attachments**

Form 41  
 Pre-Stability Tests  
 Flow Calibration  
 Calibration Adjustment  
 Post-Stability Tests  
 Other \_\_\_\_\_

Notes/Suggested Service:  
[Signature]  
 \_\_\_\_\_  
 \_\_\_\_\_  
[Signature] 9/7/17

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

Quality Control Review \_\_\_\_\_ Date \_\_\_\_\_

# STABILITY CHECKS - # 80-000788 - St. Lucie County SO

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 09/07/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:14
Control Test	0.049	09:15
Air Blank	0.000	09:16
Control Test	0.050	09:16
Air Blank	0.000	09:17
Control Test	0.050	09:18
Air Blank	0.000	09:18
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel. Std Dev(%)	1.1625	

*SP*  
 Operator's Signature

9/7/17  
*SP*

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 09/07/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:22
Control Test	0.081	09:22
Air Blank	0.000	09:23
Control Test	0.081	09:24
Air Blank	0.000	09:24
Control Test	0.081	09:25
Air Blank	0.000	09:25
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

*SP*  
 Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 09/07/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:10
Control Test	0.200	09:11
Air Blank	0.000	09:11
Control Test	0.201	09:12
Air Blank	0.000	09:12
Control Test	0.202	09:13
Air Blank	0.000	09:13
Control Test Stats		
Average	0.2010	
Std Dev	0.0010	
Rel. Std Dev(%)	0.4975	

*SP*  
 Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 09/07/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:26
Control Test	0.081	09:26
Air Blank	0.000	09:27
Control Test	0.081	09:27
Air Blank	0.000	09:28
Control Test	0.081	09:28
Air Blank	0.000	09:29
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

DGS

*SP*

*SP*  
 Operator's Signature





Alcohol Testing Program

**INSTRUMENT PROCESSING SHEET**

Agency St Lucie County S/N 80-000788  
Date In 5/31/17 Date Out 6/5/17  Ship  P/U  H/D  CMI  EE

**Intake** Performed By SP

Registration  
 Annual  
 Return from CMI  
 Return from Enforcement Electronics  
 Other \_\_\_\_\_

Visual Inspection:  
 Case  Handle  
 Dry Gas Holder  Feet  
 Keyboard/Plug  Back/Plugs  
 Screws tight  Breath Hose

Other Equipment:  
 Power cord  
 Printer Cable  
 Other Static Bag

Notes: \_\_\_\_\_

**Quality Checks** Performed By SP

Lab Temp °C \_\_\_\_\_  
 Breath Tube Screen  
 Replace External O-Rings  
 Instrument Set Up Verified  
 R-Value 165  
 Flow Verification (L/s)  
 Flow Column # ATP102  
 32mm .148 (.139 - .169)  
 36mm .164 (.156 - .190)  
 53mm .234 (.228 - .278)  
 103mm .476 (.447 - .547)

Barometric Pressure Check  
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	<u>SD3962</u>	<u>201603D</u> <u>3-8-18</u>
0.08	<u>SP SD3939</u>	<u>201611B</u> <u>11-15-18</u>
0.20	<u>SP SD3939</u>	<u>201604C</u> <u>4-5-18</u>
0.08 DGS	N/A	<u>AG626604</u> <u>9-22-18</u>

**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 \_\_\_\_\_

**Quality Checks Cont.** Performed By \_\_\_\_\_

**Simulator Temperatures °C**  
 External Digital Therm. ID#: \_\_\_\_\_  
 34°C +/- .2 Serial #: \_\_\_\_\_  
 34°C +/- .2 Serial #: \_\_\_\_\_  
 34°C +/- .2 Serial #: \_\_\_\_\_

**Calibration Adjustment** Performed By \_\_\_\_\_

Calibration Adjustment N/A  
 Calibration Adjustment Complete  
 Barometric Pressure Gauge \_\_\_\_\_ ID # \_\_\_\_\_

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

Post Calibration Adjustment 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 \_\_\_\_\_ Gauge  
 ID# \_\_\_\_\_ 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  
 Calibration Adjustment  
 Post-Stability Tests  
 Other FORM 40

Notes/Suggested Service:  
SENDING TO REPAIR DUE TO  
.08 SIM + DGS READING OUTSIDE  
ACCEPTABLE RANGE. SP  
QCV QDS

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

Quality Control Review \_\_\_\_\_ Date \_\_\_\_\_

9/7/17  
22

# STABILITY CHECKS - # 80-000788 - ST LUCIE COUNTY SO

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
06/05/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:34
Control Test	0.050	09:34
Air Blank	0.000	09:35
Control Test	0.050	09:36
Air Blank	0.000	09:36
Control Test	0.051	09:37
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

SP  
Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
06/05/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.080	09:39
Air Blank	0.000	09:40
Control Test	0.081	09:40
Air Blank	0.000	09:41
Control Test	0.080	09:41
Air Blank	0.000	09:42
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

SP  
Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
06/05/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:44
Control Test	0.200	09:44
Air Blank	0.000	09:45
Control Test	0.200	09:46
Air Blank	0.000	09:46
Control Test	0.199	09:47
Air Blank	0.000	09:47
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

SP  
Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
06/05/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:29
Control Test	0.085	09:30
Air Blank	0.000	09:30
Control Test	0.079	09:31
Air Blank	0.000	09:31
Control Test	0.079	09:31
Air Blank	0.000	09:32
Control Test Stats		
Average	0.0810	
Std Dev	0.0035	
Rel Std Dev(%)	4.2767	

DGS

SP  
Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
06/05/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:49
Control Test	0.080	09:49
Air Blank	0.000	09:49
Control Test	0.080	09:50
Air Blank	0.000	09:50
Control Test	0.079	09:51
Air Blank	0.000	09:51
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

SP  
Operator's Signature

9/7/17  
SP

SP



**INSTRUMENT PROCESSING SHEET**

Agency St. Lucie County SO S/N 80-000788 (Page 1 of 2)  
Date In 4/27/17 Date Out 5/16/17  Ship  P/U  H/D  CMI  EE

**Intake** Performed By \_\_\_\_\_

Registration  
 Annual  
 Return from CMI  
 Return from Enforcement Electronics  
 Other \_\_\_\_\_

Visual Inspection:  
 \_\_\_ Case \_\_\_ Handle  
 \_\_\_ Dry Gas Holder \_\_\_ Feet  
 \_\_\_ Keyboard/Plug \_\_\_ Back/Plugs  
 \_\_\_ Screws tight \_\_\_ Breath Hose

Other Equipment:  
 Power cord  
 Printer Cable  
 Other \_\_\_\_\_

Notes: \_\_\_\_\_

**Quality Checks** Performed By SP

Lab Temp °C 21.3  
 Breath Tube Screen  
 Replace External O-Rings  
 Instrument Set Up Verified  
 R-Value \_\_\_\_\_  
 Flow Verification (L/s)  
 Flow Column # \_\_\_\_\_  
 32mm \_\_\_\_\_ (.139 - .169)  
 36mm \_\_\_\_\_ (.156 - .190)  
 53mm \_\_\_\_\_ (.228 - .278)  
 103mm \_\_\_\_\_ (.447 - .547)

Barometric Pressure Check  
 Gauge ID # \_\_\_\_\_

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05		
0.08		
0.20		
0.08 DGS	N/A	

**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 \_\_\_\_\_

**Quality Checks Cont.** Performed By \_\_\_\_\_

**Simulator Temperatures °C**  
 External Digital Therm. ID#: 300505  
 34°C +/- .2 Serial #: G3709  
 34°C +/- .2 Serial #: DR1279  
 34°C +/- .2 Serial #: DR3856

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**Calibration Adjustment** Performed By \_\_\_\_\_

Calibration Adjustment N/A  
 Calibration Adjustment Complete

Barometric Pressure Gauge \_\_\_\_\_ ID # \_\_\_\_\_

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

Post Calibration Adjustment Stability Checks

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

**Department Inspection** Performed By SP

Barometric Pressure 1015 Gauge  
 ID# 26932 1014 Instrument

Mouth Alcohol Solution Lot # 2016-A  
 Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	<u>G2880</u>
Interferent	<u>G2834</u>
0.05	<u>G3709</u>
0.08	<u>DR1279</u>
0.20	<u>DR3856</u>

**Attachments**

<input checked="" type="checkbox"/> Form 41 x2	<input checked="" type="checkbox"/> Calibration Adjustment
<input checked="" type="checkbox"/> Pre-Stability Tests	<input checked="" type="checkbox"/> Post-Stability Tests
<input checked="" type="checkbox"/> Flow Calibration	<input checked="" type="checkbox"/> Other <u>0.08 DGS STABILITY CHECKS</u>

5/16/17  
SP

Notes/Suggested Service:  
PERFORMED ADDITIONAL STABILITIES OF 0.08 DGS TO ENSURE ACCURACY & RELIABILITY. SP  
Q100, G18  
JJ Graham 5/16/17

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

Quality Control Review \_\_\_\_\_ Date \_\_\_\_\_







STABILITY CHECKS - # 80-000788 - ST. LUCIE COUNTY SO

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/01/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:29
Control Test	0.047	09:29
Air Blank	0.000	09:30
Control Test	0.048	09:30
Air Blank	0.000	09:31
Control Test	0.049	09:32
Air Blank	0.000	09:32
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

SP

Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/01/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.075	09:34
Air Blank	0.000	09:34
Control Test	0.077	09:35
Air Blank	0.000	09:36
Control Test	0.076	09:36
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0760	
Std Dev	0.0010	
Rel Std Dev(%)	1.3158	

SP

Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/01/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:38
Control Test	0.195	09:38
Air Blank	0.000	09:39
Control Test	0.194	09:40
Air Blank	0.000	09:40
Control Test	0.195	09:41
Air Blank	0.000	09:41
Control Test Stats		
Average	0.1947	
Std Dev	0.0006	
Rel Std Dev(%)	0.2966	

SP

Operator's Signature

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/01/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.079	09:42
Air Blank	0.000	09:43
Control Test	0.080	09:43
Air Blank	0.000	09:44
Control Test	0.081	09:44
Air Blank	0.000	09:45
Control Test Stats		
Average	0.0800	
Std Dev	0.0010	
Rel Std Dev(%)	1.2500	

DAS

SP

Operator's Signature

AMB

SD

FLOW CALIBRATION  
# 80-000788  
ST. LUCIE COUNTY 5

ST LUCIE COUNTY SO  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/09/2017  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
1: Rate (Liters/min) = 5  
SQRT(Diff) = 6.781  
2: Rate (Liters/min) = 15  
SQRT(Diff) = 12.367  
3: Rate (Liters/min) = 30  
SQRT(Diff) = 21.793  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 648  
Rounded Intercept = -595499  
Correlation = 0.99950

RMB  
JD



ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000  
 05/09/2017  
 09:42:12  
 Auto Calibration  
 Max Power Res Value = 41  
 Auto Range Res Value = 27

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 1.5000 (-0.0070)  
 Sample #2 = 1.4640 (-0.0110)  
 Sample #3 = 1.4830 (-0.0300)  
 Sample #4 = 1.4990 (-0.0160)  
 Avg % Abs = 1.4820 (-0.0190)  
 STD DEV = 0.0175 (0.0098)  
 REL STD DEV = 1.182 (51.836)

Sol Value = 0.000 g/210L \*\*\*  
 Fit value = 0.0000 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12627, Sum Io = 13371

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 0.1800 (-0.0170)  
 Sample #2 = 0.1340 (-0.0320)  
 Sample #3 = 0.1350 (-0.0900)  
 Sample #4 = 0.1380 (-0.0850)  
 Avg % Abs = 0.1370 (-0.0690)  
 STD DEV = 0.0026 (0.0321)  
 REL STD DEV = 1.931 (46.580)

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 3.5770 (-0.0070)  
 Sample #2 = 3.5670 (-0.0180)  
 Sample #3 = 3.5820 (-0.0030)  
 Sample #4 = 3.5860 (-0.0070)  
 Avg % Abs = 3.5783 (-0.0093)  
 STD DEV = 0.0100 (0.0078)  
 REL STD DEV = 0.280 (83.223)

Sol Value = 0.200 g/210L \*\*\*  
 Fit value = 0.9524 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12556, Sum Io = 13356

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 3.8570 (-0.0100)  
 Sample #2 = 3.8610 (-0.0450)  
 Sample #3 = 3.8710 (-0.0350)  
 Sample #4 = 3.8710 (-0.0350)  
 Avg % Abs = 3.8677 (-0.0383)  
 STD DEV = 0.0058 (0.0058)  
 REL STD DEV = 0.149 (15.061)

<<<<< CHANNEL 2 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 6.8250 (-0.0120)  
 Sample #2 = 6.8490 (-0.0180)  
 Sample #3 = 6.8590 (-0.0140)  
 Sample #4 = 6.8610 (-0.0140)  
 Avg % Abs = 6.8563 (0.0153)  
 STD DEV = 0.0064 (0.0023)  
 REL STD DEV = 0.094 (15.061)

Sol Value = 0.400 g/210L \*\*\*  
 Fit value = 0.4762 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12589, Sum Io = 13353

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 7.4040 (-0.0330)  
 Sample #2 = 7.4420 (-0.0080)  
 Sample #3 = 7.4170 (-0.0430)  
 Sample #4 = 7.4400 (-0.0200)  
 Avg % Abs = 7.4330 (0.0237)  
 STD DEV = 0.0139 (0.0178)  
 REL STD DEV = 0.187 (75.151)

\*\*\*\*\* AUTO CAL DATA \*\*\*\*\*  
 <<<<< CHANNEL 1 >>>>>  
 Sol Val = 0.0000 mg/l or 0.000 g/210L  
 % Abs = 0.137  
 Std Dev = 0.00 Rel Std Dev = 1.93  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 0.887  
 Std Dev = 0.01 Rel Std Dev = 0.60  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 2.045  
 Std Dev = 0.01 Rel Std Dev = 0.36  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 3.868  
 Std Dev = 0.01 Rel Std Dev = 0.15  
 Sol Val = 1.9048 mg/l or 0.400 g/210L  
 % Abs = 7.433  
 Std Dev = 0.01 Rel Std Dev = 0.19  
 Zero Order Coef = -332.49  
 First Order Coef = 2473.66  
 Second Order Coef = 18.02  
 Standard Deviation = 26.302681

<<<<< CHANNEL 2 >>>>>  
 Sol Val = 0.0000 mg/l or 0.100 g/210L  
 % Abs = 0.122  
 Std Dev = 0.01 Rel Std Dev = 9.13  
 Sol Val = 0.1905 mg/l or 0.040 g/210L  
 % Abs = 1.482  
 Std Dev = 0.02 Rel Std Dev = 1.18  
 Sol Val = 0.4762 mg/l or 0.100 g/210L  
 % Abs = 3.578  
 Std Dev = 0.01 Rel Std Dev = 0.28  
 Sol Val = 0.9524 mg/l or 0.200 g/210L  
 % Abs = 6.856  
 Std Dev = 0.01 Rel Std Dev = 0.09  
 Sol Val = 1.9048 mg/l or 0.400 g/210L  
 % Abs = 12.956  
 Std Dev = 0.01 Rel Std Dev = 0.07  
 Zero Order Coef = -135.84  
 First Order Coef = 1330.62  
 Second Order Coef = 11.56  
 Standard Deviation = 26.331324

<<<<< CHANNEL 2 >>>>>  
 Sol Val = 0.080 g/210L \*\*\*  
 Fit value = 0.3810 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 \*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
 Sample #1 = 2898.00  
 Sample #2 = 2898.00  
 Sample #3 = 2944.00  
 Sample #4 = 2934.00  
 Average Result = 2925.3333  
 STD DEV = 24.1937  
 REL STD DEV = 0.827  
 \*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
 Sample #1 = 3204.00  
 Sample #2 = 3196.00  
 Sample #3 = 3181.00  
 Sample #4 = 3214.00  
 Average Result = 3197.0000  
 STD DEV = 16.5227  
 REL STD DEV = 0.517  
 \*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
 Dry Gas H2O Adjust Results \*\*\*\*\*  
 Barometric Pressure = 1016  
 3 um H2O Adjust (mg/\*10,000) = 884  
 9 um H2O Adjust (mg/\*10,000) = 612  
 \*\*\*\*\* AUTO CAL PASS \*\*\*\*\*

<<<<< CHANNEL 2 >>>>>  
 Sol Value = 0.040 g/210L \*\*\*  
 Fit value = 0.1905 mg/l %%%  
 Samples Taken = 4, Discarded = 1  
 Sum Io = 12611, Sum Io = 13365

<<<<< CHANNEL 1 >>>>>  
 Sample % Abs (% Abs Ref)  
 Sample #1 = 0.9020 (0.0130)  
 Sample #2 = 0.8830 (0.0500)  
 Sample #3 = 0.8930 (0.0360)  
 Sample #4 = 0.8870 (0.0330)  
 Avg % Abs = 0.8853 (0.0187)  
 STD DEV = 0.0053 (0.0187)  
 REL STD DEV = 0.597 (56.511)

RDS  
 JD

POST CALIBRATION STABILITY CHECKS - #80-000788 - ST. LUCIE COUNTY SO

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 05/09/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:35
Control Test	0.051	10:35
Air Blank	0.000	10:36
Control Test	0.050	10:37
Air Blank	0.000	10:37
Control Test	0.050	10:38
Air Blank	0.000	10:38
Control Test Stats	0.0503	
Average	0.0006	
Std Dev	1.1471	
Rel Std Dev(%)		

SP

Operator's Signature

SP

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 05/09/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:29
Control Test	0.080	10:30
Air Blank	0.000	10:31
Control Test	0.080	10:31
Air Blank	0.000	10:32
Control Test	0.080	10:32
Air Blank	0.000	10:33
Control Test Stats	0.0800	
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 05/09/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.199	10:24
Air Blank	0.000	10:24
Control Test	0.199	10:25
Air Blank	0.000	10:25
Control Test	0.199	10:26
Air Blank	0.000	10:27
Control Test Stats	0.1990	
Average	0.0000	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ST LUCIE COUNTY SO  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-000788  
 05/09/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:39
Control Test	0.081	10:39
Air Blank	0.000	10:40
Control Test	0.080	10:40
Air Blank	0.000	10:41
Control Test	0.080	10:41
Air Blank	0.000	10:42
Control Test Stats	0.0803	
Average	0.0006	
Std Dev	0.7187	
Rel Std Dev(%)		

DGS

SP

Operator's Signature

SP



0.080g/210L (DGS)  
STABILITY CHECKS  
#80-000788

ST LUCIE COUNTY SC  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-000788  
05/16/2017  
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:45
Control Test	0.080	11:45
Air Blank	0.000	11:46
Control Test	0.080	11:46
Air Blank	0.000	11:46
Control Test	0.080	11:47
Air Blank	0.000	11:47
Control Test	0.080	11:48
Air Blank	0.000	11:48
Control Test	0.080	11:48
Air Blank	0.000	11:49
Control Test	0.080	11:49
Air Blank	0.000	11:49
Control Test	0.080	11:50
Air Blank	0.000	11:50
Control Test	0.080	11:50
Air Blank	0.000	11:51
Control Test	0.079	11:51
Air Blank	0.000	11:51
Control Test	0.079	11:52
Air Blank	0.000	11:52
Control Test	0.080	11:53
Air Blank	0.000	11:53
Control Test Stats		
Average	0.0798	
Std Dev	0.0004	
Rel Std Dev(%)	0.5284	

DGS

DGS

JP

SP

Operator's Signature