FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency St. Petersburg PD S/N 80-001653

Date In 9/6/17 Date Out 9/25/17 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake Performed By TDP

- ☐ 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: Report of DG reading ∅ during control test

Quality Checks Performed By DDB

- ☑ Lab Temp °C 21.7
- ☑ Breath Tube Screen
- ☑ Replace External O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 135
- ☑ Flow Verification (L/s)

Flow Column # ATP103

32mm	0.156	(.139 - .169)
36mm	0.175	(.156 - .190)
53mm	0.242	(.228 - .278)
103mm	0.503	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 26932

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD3962	201707D 7/25/19
0.08	SD1013	201707E 7/25/19
0.20	DR3856	201707C 7/24/19
0.08 DGS	N/A	AG626604 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 _____

Quality Checks Cont. Performed By [illegible]

Simulator Temperatures °C

External Digital Therm. ID#: 300505

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

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 DDB

- ☑ Barometric Pressure ID# 26932

1011 Gauge
1011 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD3962
0.08	SD1013
0.20	DR3856

Attachments

- ☑ Form 41
- ☑ Pre-Stability Tests
- ☐ Flow Calibration
- ☐ Calibration Adjustment
- ☐ Post-Stability Tests
- ☑ Other Extra DG Stab's Control Checks

Notes/Suggested Service:

Unable to replicate. Did a full check of instrument. Dry Gas working properly. DDB

QA/QC ✓ BP

[signature] 9/25/17

Quality Control Review Date

- ☑ **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**

Stability Checks #80-001653 St. Petersburg P.D. 9/25/17 DGS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:16
Control Test	0.051	12:17
Air Blank	0.000	12:17
Control Test	0.050	12:18
Air Blank	0.000	12:19
Control Test	0.050	12:19
Air Blank	0.000	12:20

Control Test Stats

Average	0.0503
Std Dev	0.0006
Rel Std Dev(%)	1.1471

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.082	12:22
Air Blank	0.000	12:22
Control Test	0.082	12:23
Air Blank	0.000	12:23
Control Test	0.082	12:24
Air Blank	0.000	12:25

Control Test Stats

Average	0.0820
Std Dev	0.0000
Rel Std Dev(%)	0.0000

Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:25
Control Test	0.196	12:26
Air Blank	0.000	12:27
Control Test	0.199	12:27
Air Blank	0.000	12:28
Control Test	0.200	12:28
Air Blank	0.000	12:29

Control Test Stats

Average	0.1983
Std Dev	0.0021
Rel Std Dev(%)	1.0496

Operator's Signature

DGS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:30
Control Test	0.080	12:30
Air Blank	0.000	12:31
Control Test	0.079	12:31
Air Blank	0.000	12:31
Control Test	0.080	12:32
Air Blank	0.000	12:32

Control Test Stats

Average	0.0797
Std Dev	0.0006
Rel Std Dev(%)	0.7247

SP

Operator's Signature

9/25/17 DGS

Stability Check to determine dry gas readings
#80-001653 St. Petersburg P.D. 9/22/17 KMB

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/22/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:42
Control Test	0.078	11:43
Air Blank	0.000	11:43
Control Test	0.078	11:44
Air Blank	0.000	11:44
Control Test	0.078	11:44
Air Blank	0.000	11:45
Control Test	0.078	11:45
Air Blank	0.000	11:46
Control Test	0.078	11:46
Air Blank	0.000	11:46

Control Test Stats

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

SP

KMB
Operator's Signature

9/22/17

Additional Stability Checks ≥ 1 control check
Dry Gas Control Checks working well.
Could not duplicate 0.000 on control tests.

80-001653
St. Petersburg P.D. 9/25/17 [illegible]

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

DRY CONTROL TEST

Test	g/210L	Time
Air Blank	0.000	12:10
Control Test	0.079	12:10
Air Blank	0.000	12:11

[signature]
Operator's Signature

9/25/17 JP

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
09/25/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:01
Control Test	0.079	12:02
Air Blank	0.000	12:02
Control Test	0.079	12:02
Air Blank	0.000	12:03
Control Test	0.079	12:03
Air Blank	0.000	12:04
Control Test	0.078	12:04
Air Blank	0.000	12:04
Control Test	0.078	12:05
Air Blank	0.000	12:05
Control Test	0.079	12:06
Air Blank	0.000	12:06
Control Test	0.079	12:06
Air Blank	0.000	12:07
Control Test	0.079	12:07
Air Blank	0.000	12:08
Control Test	0.079	12:08
Air Blank	0.000	12:09
Control Test	0.080	12:09
Air Blank	0.000	12:09

Control Test Stats

Average	0.0789
Std Dev	0.0006
Rel Std Dev(%)	0.7194

SP

[signature]
Operator's Signature

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency St. Petersburg PD S/N 80-001653

Date In 3/6/17 Date Out 3/15/17 ☑Ship ☐P/U ☐H/D ☐CMI ☐EE

RECEIVED MAR 16 2017 FDLE Alcohol Testing Program

Intake Performed By [illegible]

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement
- ☐ 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 KMS

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 136
- ☑ Flow Verification (L/s)

Flow Column # ATP105

32mm 0.128 (.139 - .169)
36mm 0.144 (.156 - .190)
53mm 0.218 (.228 - .278)
103mm 0.492 (.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 4/15/18
0.08 DGS	N/A	AG626605 9/22/18

0.08 Recheck SD3964 201601F 1/26/18

Flow Calibration Performed By KMS

- ☐ Flow Calibration N/A
- ☑ Flow Calibration Complete

Flow Column # ATP102

- ☑ 5L/min – 17mm
- ☑ 15L/min – 53mm
- ☑ 30L/min – 103mm
- ☑ R-Value 130
- ☑ Post Calibration Verification (L/s)

Flow Column # ATP105

32mm 0.148 (.139 - .169)
36mm 0.164 (.156 - .190)
53mm 0.238 (.228 - .278)
103mm 0.507 (.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 KMS

- ☑ Barometric Pressure ID# 26936 — 1024 Gauge / 1023 Instrument

Mouth Alcohol Solution Lot # 2016-C

Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	DR2035
0.08	SD3964
0.20	SD1025

Attachments

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

Notes: QA/QC OK 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

3/16/17
Date

Stability Checks #80-001653 St. Petersburg P.D. 3/15/17 RWS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:52
Control Test	0.050	12:53
Air Blank	0.000	12:53
Control Test	0.050	12:54
Air Blank	0.000	12:55
Control Test	0.051	12:55
Air Blank	0.000	12:56
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

RWS
Operator's Signature

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:57
Control Test	0.081	12:58
Air Blank	0.000	12:58
Control Test	0.082	12:59
Air Blank	0.000	13:00
Control Test	0.082	13:00
Air Blank	0.000	13:01
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

RWS
Operator's Signature

Monitored simulator temp ~~while~~ rerunning ~~sto~~ sample. RWS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:21
Control Test	0.082	13:21
Air Blank	0.000	13:22
Control Test	0.081	13:23
Air Blank	0.000	13:23
Control Test	0.081	13:24
Air Blank	0.000	13:24
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

RWS
Operator's Signature

Changed to different simulator SD1011 Δ to SD3964. SD1011 Running Slightly RWS warm (34.17°C)

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:08
Control Test	0.080	14:09
Air Blank	0.000	14:09
Control Test	0.080	14:10
Air Blank	0.000	14:10
Control Test	0.081	14:11
Air Blank	0.000	14:11
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

SP
1314

RWS
Operator's Signature

Stability Checks #80-001653 St. Petersburg P.D. 3/15/17 DGS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:02
Control Test	0.199	13:03
Air Blank	0.000	13:03
Control Test	0.199	13:04
Air Blank	0.000	13:05
Control Test	0.200	13:05
Air Blank	0.000	13:06
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

DGS

Operator's Signature

DGS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:08
Control Test	0.078	13:08
Air Blank	0.000	13:09
Control Test	0.078	13:09
Air Blank	0.000	13:09
Control Test	0.079	13:10
Air Blank	0.000	13:10
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

SP

BK

DGS

Operator's Signature

Flow Calibration Data
#80-001653
St. Petersburg P.D.
3/15/17
DRS

ST PETERSBURG PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001653
03/15/2017
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 5.914
2: Rate (Liters/min) = 15
SQRT(Diff)) = 10.953
3: Rate (Liters/min) = 30
SQRT(Diff)) = 20.223
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 676
Rounded Intercept = -473659
Correlation = 0.99854

DRS

GR

BK