

INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO

S/N 80-001274

Date In 11/18/15

Date Out 1/20/16

Ship P/U H/D CMI EE

RECEIVED

JAN 27 2016

FDLE

Alcohol Testing Program

Intake Performed By SW

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 _____

Notes: _____

Quality Checks Performed By JMB

Breath Tube Screen
 Replace O-Rings
 Instrument Set Up Verified
 R-Value 226
 Flow Verification (L/s)
ATP103 Flow Column # ATP102
0.164 32mm 0.140 (.139 - .169)
0.183 36mm 0.152 (.156 - .190)
0.277 53mm 0.234 (.228 - .278)
0.401 103mm 0.492 (.447 - .547)

Barometric Pressure Check
 Gauge ID # 26932

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 7/14/17
0.08	SD1011	201502G 2/24/17
0.20	SD1025	201505A 5/12/17
0.08 DGS	N/A	A951701 4/27/17

Flow Calibration Performed By JMB

Flow Calibration N/A
 Flow Calibration Complete
 Flow Column # ATP102
 5L/min - 17mm
 15L/min - 53mm
 30L/min - 103mm
 R-Value 221
 Post Calibration Verification
 Flow Column # ATP103
 32mm 0.148 (.139 - .169)
 36mm 0.164 (.156 - .190)
 53mm 0.230 (.228 - .278)
 103mm 0.496 (.447 - .547)

Maintenance Performed By JMB

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Suggested Service
BT Replacement then recheck

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 #1 Performed By JMB 1/25/16

Barometric Pressure 1025 Gauge
 ID# 28427 1023 Instrument

Mouth Alcohol Solution Lot # 2015-A
 Acetone Stock Solution Lot # 2015-B

Simulator	Serial Number
0.00	SD2022
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	SD1025

Attachments

Form 41 x2
 Pre-Stability Tests
 Flow Calibration
 Optical Bench Cal
 Post-Stability Tests
 Other FORM 40
Flow Calibration SW

Notes: Original flow check completed w/ bad breath tube. Recheck & subsequent flow calibration completed w/ new breath tube.
After 1st Department Inspection - Calibrated to bring values closer to nominal. Repeated DI after calibration & post stability checks.

JMB
Quality Control Review

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

Date 1/22/16

Stability Checks 80-001274 Pinellas County SO. 1/25/16 DMB

RJAM

805

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:45
Control Test	0.052	09:46
Air Blank	0.000	09:46
Control Test	0.053	09:47
Air Blank	0.000	09:48
Control Test	0.053	09:48
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0527	
Std Dev	0.0006	
Rel Std Dev(%)	1.0962	

DMB

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:50
Control Test	0.081	09:50
Air Blank	0.000	09:51
Control Test	0.081	09:52
Air Blank	0.000	09:52
Control Test	0.082	09:53
Air Blank	0.000	09:53
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7899	

DMB

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:54
Control Test	0.283	09:55
Air Blank	0.000	09:56
Control Test	0.284	09:56
Air Blank	0.000	09:57
Control Test	0.205	09:58
Air Blank	0.000	09:58
Control Test Stats		
Average	0.2840	
Std Dev	0.0810	
Rel Std Dev(%)	0.4902	

DMB

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000
01/25/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:59
Control Test	0.081	09:59
Air Blank	0.000	10:00
Control Test	0.081	10:00
Air Blank	0.000	10:01
Control Test	0.081	10:01
Air Blank	0.000	10:02
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

BK

DMB

Operator's Signature

Flow Calibration

80-001274

Pinellas County SO.

1/25/16

RMB

PJM

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001274
01/25/2016
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
SQRT(Diff)) = 7.070
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.871
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.281
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 678
Rounded Intercept = -661363
Correlation = 0.99754

BK



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO

S/N 80-001274

Date In _____ Date Out _____

Ship P/U H/D CMI EE

Intake Performed By _____ <input type="checkbox"/> Registration <input type="checkbox"/> Annual <input type="checkbox"/> Return from CMI <input type="checkbox"/> Return from Enforcement <input type="checkbox"/> Electronics <input type="checkbox"/> Other _____ Visual Inspection: _____ Case _____ Handle _____ Dry Gas Holder _____ Feet _____ Keyboard/Plug _____ Back/Plugs _____ Screws tight _____ Breath Hose Other Equipment: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Other _____ Notes: _____ _____ _____	Quality Checks Performed By _____ <input type="checkbox"/> Breath Tube Screen <input type="checkbox"/> Replace O-Rings <input type="checkbox"/> Instrument Set Up Verified <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Flow Verification (L/s) Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547) <input type="checkbox"/> Barometric Pressure Check Gauge ID # _____ <input type="checkbox"/> Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td></td> <td></td> </tr> <tr> <td>0.08</td> <td></td> <td></td> </tr> <tr> <td>0.20</td> <td></td> <td></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.05			0.08			0.20			0.08 DGS	N/A		Flow Calibration Performed By _____ <input type="checkbox"/> Flow Calibration N/A <input type="checkbox"/> Flow Calibration Complete Flow Column # _____ <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value _____ <input type="checkbox"/> Post Calibration Verification (L/s) Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547)
Simulator	Serial #	Lot #/Exp															
0.05																	
0.08																	
0.20																	
0.08 DGS	N/A																
		Maintenance Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ Suggested Service _____ _____															

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FDLE
Alcohol Testing Program

Optical Bench Calibration Performed By RMS

Optical Bench Calibration N/A
 Optical Bench Calibration Complete
 Barometric Pressure Gauge 1020 ID# 26932

Simulator	Serial Number	Lot Number	Expiration
0.000	DR1275	N/A	N/A
0.040	SD3962	15108	8/18/17
0.100	G2078	15001	5/20/17
0.200	G2408	14104	6/25/16
0.400	SD3964	15105	6/10/17
0.080 DGS	N/A	09014080A	5/1/16

Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1018	201507A	7/14/17
0.08	SD1011	201505G	2/24/17
0.20	SD1025	201505A	5/12/17
0.08 DGS	N/A	AG511701	4/27/17

Department Inspection #2 Performed By RMS

Barometric Pressure 1018 Gauge
 ID# 28427 1017 Instrument

Mouth Alcohol Solution Lot # 2015-A
 Acetone Stock Solution Lot # 2015-B

Simulator	Serial Number
0.00	SD1022
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	SD1025

Attachments

<input type="checkbox"/> Form 41	<input type="checkbox"/> Optical Bench Cal
<input type="checkbox"/> Pre-Stability Tests	<input type="checkbox"/> Post-Stability Tests
<input type="checkbox"/> Flow Calibration	<input type="checkbox"/> Other _____

1/26/16

Notes: _____

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

Patricia Muncha
Quality Control Review

1/27/16
Date

Calibration Data 80-001274 Pinellas County S.O. 1/26/15 RLB

PPM

PINELLAS COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8800
SN 80-001274
12-47-15

Auto Calibration
Max Power Res Value = 33
Auto Range Res Value = 25

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5900 (-0.0120)
Sample #2 = 1.5810 (-0.0010)
Sample #3 = 1.5720 (0.0010)
Sample #4 = 1.5540 (0.0160)
Avg % Abs = 1.5690 (0.0053)
STD DEV = 0.0137 (0.0093)
REL STD DEV = 0.876 (174.217)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12715, Sum Io = 13592
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.9370 (-0.0190)
Sample #2 = 1.9120 (0.0300)
Sample #3 = 1.9050 (0.0450)
Sample #4 = 1.8890 (0.0340)
Avg % Abs = 1.9020 (0.0363)
STD DEV = 0.0118 (0.0078)
REL STD DEV = 0.620 (121.378)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.7020 (-0.0150)
Sample #2 = 3.7180 (0.0040)
Sample #3 = 3.7280 (0.0060)
Sample #4 = 3.7130 (0.0060)
Avg % Abs = 3.7197 (0.0053)
STD DEV = 0.0076 (0.0012)
REL STD DEV = 0.205 (21.651)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12706, Sum Io = 13592
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6410 (-0.0290)
Sample #2 = 3.6170 (-0.0030)
Sample #3 = 3.6330 (-0.0270)
Sample #4 = 3.6300 (-0.0180)
Avg % Abs = 3.6267 (-0.0160)
STD DEV = 0.0085 (0.0121)
REL STD DEV = 0.235 (75.777)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12717, Sum Io = 13596
<<<<< CHANNEL 1 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8120 (-0.0240)
Sample #2 = 0.8370 (-0.0040)
Sample #3 = 0.8170 (0.0080)
Sample #4 = 0.8160 (0.0070)
Avg % Abs = 0.8240 (0.0037)
STD DEV = 0.0113 (0.0057)
REL STD DEV = 1.368 (181.591)

<<<<< CHANNEL 2 >>>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.1310 (-0.0090)
Sample #2 = 0.1540 (-0.0070)
Sample #3 = 0.1550 (-0.0040)
Sample #4 = 0.1550 (0.0160)
Avg % Abs = 0.1547 (0.0017)
STD DEV = 0.0006 (0.0125)
REL STD DEV = 0.373 (750.200)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.101
Std Dev = 0.00 Rel Std Dev = 4.48
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.824
Std Dev = 0.01 Rel Std Dev = 1.37
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.902
Std Dev = 0.01 Rel Std Dev = 0.62
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.627
Std Dev = 0.01 Rel Std Dev = 0.23
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.947
Std Dev = 0.01 Rel Std Dev = 0.14
Zero Order Coef = -264.23
First Order Coef = 2603.58
Second Order Coef = 25.41
Standard Deviation = 11.134217

<<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.155
Std Dev = 0.00 Rel Std Dev = 0.37
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.569
Std Dev = 0.01 Rel Std Dev = 0.88
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.720
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 7.030
Std Dev = 0.01 Rel Std Dev = 0.20
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 13.231
Std Dev = 0.00 Rel Std Dev = 0.02
Zero Order Coef = -189.40
First Order Coef = 1295.37
Second Order Coef = 11.99
Standard Deviation = 24.740322

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 3155.00
Sample #2 = 3201.00
Sample #3 = 3082.00
Sample #4 = 3218.00
Average Result = 3167.0000
STD DEV = 74.1013
REL STD DEV = 2.340
***** CHANNEL 2 *****
Sample #1 = 3334.00
Sample #2 = 3369.00
Sample #3 = 3334.00
Sample #4 = 3374.00
Average Result = 3359.0000
STD DEV = 21.7945
REL STD DEV = 0.649
***** CHANNEL 2 *****
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 642
9 um H2O Adjust (mg/l*10,000) = 450
**** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0000
0.040 0.040 0.0001
0.100 0.100 -0.0004
0.200 0.200 0.0002
0.400 0.400 -0.0000

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 -0.000 0.0000
0.040 0.040 0.0001
0.100 0.100 -0.0004
0.200 0.200 0.0002
0.400 0.400 -0.0000

PK

Post Cal
 Stability Checks 80-001274 Pinellas County SO. 1/26/16 DMS
 PPM

DMS
 PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001274
 01/26/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:52
Control Test	0.079	14:53
Air Blank	0.000	14:53
Control Test	0.079	14:53
Air Blank	0.000	14:54
Control Test	0.079	14:54
Air Blank	0.000	14:55
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DMS
 Operator's Signature

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001274
 01/26/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:48
Control Test	0.201	14:48
Air Blank	0.000	14:49
Control Test	0.202	14:50
Air Blank	0.000	14:51
Control Test	0.203	14:51
Air Blank	0.000	14:51
Control Test Stats		
Average	0.2020	
Std Dev	0.0010	
Rel Std Dev(%)	0.4950	

DMS
 Operator's Signature

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001274
 01/26/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:43
Control Test	0.079	14:43
Air Blank	0.000	14:44
Control Test	0.079	14:45
Air Blank	0.000	14:45
Control Test	0.080	14:46
Air Blank	0.000	14:46
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

DMS
 Operator's Signature

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001274
 01/26/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:38
Control Test	0.050	14:39
Air Blank	0.000	14:39
Control Test	0.050	14:40
Air Blank	0.000	14:41
Control Test	0.051	14:41
Air Blank	0.000	14:42
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

DMS
 Operator's Signature