



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Pinellas Park PD S/N 80-001732
Date In 2/17/16 Date Out 2/29/16 Ship P/U H/D CMI EE

Intake <input checked="" type="checkbox"/> Registration <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Return from CMI <input type="checkbox"/> Return from Enforcement Electronics <input type="checkbox"/> Other _____ Visual Inspection: <u>OK</u> Case <u>OK</u> Handle <u>OK</u> Dry Gas Holder <u>OK</u> Feet <u>OK</u> Keyboard/Plug <u>OK</u> Back/Plugs <u>OK</u> Screws tight <u>OK</u> Breath Hose Other Equipment: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Other <u>Static Bag</u> Notes: _____ _____ _____	Quality Checks Performed By <u>QMB</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>215</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>0.156</u> (.139 - .169) 36mm <u>0.175</u> (.156 - .190) 53mm <u>0.246</u> (.228 - .278) 103mm <u>0.507</u> (.447 - .547) <input type="checkbox"/> Barometric Pressure Check Gauge ID # <u>20932</u> <input checked="" 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>G11739</td> <td>201507A 7/14/17</td> </tr> <tr> <td>0.08</td> <td>G8149</td> <td>201502G 2/24/17</td> </tr> <tr> <td>0.20</td> <td>G11621</td> <td>201505A 5/12/17</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>AG511701 4/27/17</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.05	G11739	201507A 7/14/17	0.08	G8149	201502G 2/24/17	0.20	G11621	201505A 5/12/17	0.08 DGS	N/A	AG511701 4/27/17	Flow Calibration Performed By _____ <input checked="" 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)
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		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 <u>QMB</u> <input type="checkbox"/> Optical Bench Calibration N/A <input checked="" type="checkbox"/> Optical Bench Calibration Complete Barometric Pressure Gauge <u>1020</u> ID # <u>28427</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>DR1275</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>SD3962</td> <td>15108</td> <td>8/18/17</td> </tr> <tr> <td>0.100</td> <td>G2078</td> <td>15001</td> <td>5/20/17</td> </tr> <tr> <td>0.200</td> <td>G2408</td> <td>15104</td> <td>5/27/17</td> </tr> <tr> <td>0.400</td> <td>SD3933</td> <td>15105</td> <td>6/10/17</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>0901408DA1</td> <td>5/1/16</td> </tr> </tbody> </table> <input checked="" type="checkbox"/> Post Calibration Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>SD1018</td> <td>201507A</td> <td>7/14/17</td> </tr> <tr> <td>0.08</td> <td>SD1011</td> <td>201502G</td> <td>2/24/17</td> </tr> <tr> <td>0.20</td> <td>G4444</td> <td>201505A</td> <td>5/12/17</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>12014080A1</td> <td>6/1/16</td> </tr> </tbody> </table>	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	15104	5/27/17	0.400	SD3933	15105	6/10/17	0.080 DGS	N/A	0901408DA1	5/1/16	Simulator	Serial Number	Lot Number	Expiration	0.05	SD1018	201507A	7/14/17	0.08	SD1011	201502G	2/24/17	0.20	G4444	201505A	5/12/17	0.08 DGS	N/A	12014080A1	6/1/16	Department Inspection Performed By <u>QMB</u> <input checked="" type="checkbox"/> Barometric Pressure <u>1019</u> Gauge ID# <u>20932</u> <u>1019</u> Instrument Mouth Alcohol Solution Lot # <u>2015-A</u> Acetone Stock Solution Lot # <u>2015-B</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>SD1022</td> </tr> <tr> <td>Interferent</td> <td>SD1021</td> </tr> <tr> <td>0.05</td> <td>SD1018</td> </tr> <tr> <td>0.08</td> <td>SD1011</td> </tr> <tr> <td>0.20</td> <td>G4444</td> </tr> </tbody> </table>	Simulator	Serial Number	0.00	SD1022	Interferent	SD1021	0.05	SD1018	0.08	SD1011	0.20	G4444
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Notes: <u>Bypassed AI to operate instrument. Not a compliance check QMB</u> <u>Optical bench calibration completed to bring values closer to nominal. QMB</u> <u>QC-15K</u>	Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Pre-Stability Tests <input type="checkbox"/> Flow Calibration <input checked="" type="checkbox"/> Optical Bench Cal <input checked="" type="checkbox"/> Post-Stability Tests <input checked="" type="checkbox"/> Other <u>FORM 40</u>																																																												

<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use

3/2/16

Patrick Murphy
Quality Control Review

Date

Stability Checks

80-001732

Pinellas Park P.D.

2/23/16

RMB

PINELLAS PARK P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001732
02/23/2016
Software: 8100.27

Pggm

ASK

Test	g/210L	Time
Air Blank	0.000	10:19
Control Test	0.203	10:19
Air Blank	0.000	10:20
Control Test	0.204	10:21
Air Blank	0.000	10:21
Control Test	0.204	10:22
Air Blank	0.000	10:22
Control Test	0.204	10:22
Control Test Stats		
Average	0.2037	
Std Dev	0.0006	
Rel Std Dev(%)	0.2835	

RMB

Operator's Signature

PINELLAS PARK P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001732
02/23/2016
Software: 8100.27

PINELLAS PARK P.D.
Intoxilyzer
Model 8000
02/23/2016
Software: 8100.27

DS

PINELLAS PARK P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001732
02/23/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:27
Control Test	0.051	10:28
Air Blank	0.000	10:28
Control Test	0.051	10:29
Air Blank	0.000	10:30
Control Test	0.051	10:30
Air Blank	0.000	10:31
Control Test Stats		
Average	0.0510	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Test	g/210L	Time
Air Blank	0.000	10:33
Control Test	0.080	10:33
Air Blank	0.000	10:34
Control Test	0.081	10:34
Air Blank	0.000	10:35
Control Test	0.081	10:35
Air Blank	0.000	10:36
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

Test	g/210L	Time
Air Blank	0.000	10:23
Control Test	0.084	10:23
Air Blank	0.000	10:24
Control Test	0.084	10:24
Air Blank	0.000	10:25
Control Test	0.083	10:25
Air Blank	0.000	10:26
Control Test Stats		
Average	0.0837	
Std Dev	0.0006	
Rel Std Dev(%)	0.6901	

RMB

Operator's Signature

RMB

Op.

RMB

Operator's Signature

Optical bench calibration 80-001732 Pinellas Park P.D. 2/29/16 DWS

DDM

PINELLAS PARK P.D.
Intoxilyzer - Alcohol Analyzer
Model 8800
02/29/2016
Auto Calibration
Max Power Res Value = 40
Auto Range Res Value = 19

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.5840 (0.0160)
Sample #2 = 1.5510 (0.0210)
Sample #3 = 1.5480 (0.0340)
Sample #4 = 1.5690 (0.0010)
Avg % Abs = 1.5560 (0.0187)
STD DEV = 0.0114 (0.0166)
REL STD DEV = 0.730 (89.053)

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12377, Sum Io = 13249
Channel 1 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.0680 (0.0040)
Sample #2 = 0.0410 (0.0310)
Sample #3 = 0.0750 (0.0350)
Sample #4 = 0.0580 (0.0550)
Avg % Abs = 0.0580 (0.0403)
STD DEV = 0.0170 (0.0129)
REL STD DEV = 29.310 (31.880)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 0.1540 (-0.0040)
Sample #2 = 0.1320 (0.0180)
Sample #3 = 0.1550 (0.0080)
Sample #4 = 0.1150 (0.0280)
Avg % Abs = 0.1340 (0.0180)
STD DEV = 0.0201 (0.0100)
REL STD DEV = 14.981 (55.556)

Channel 1 Data
Sol Value = 0.040 g/210L ***
Fit Value = 0.0400 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12358, Sum Io = 13242
Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 1.8880 (-0.0090)
Sample #2 = 1.8810 (0.0120)
Sample #3 = 1.8550 (0.0400)
Sample #4 = 1.8360 (0.0490)
Avg % Abs = 1.8573 (0.0337)
STD DEV = 0.0226 (0.0193)
REL STD DEV = 1.216 (57.315)

Channel 1 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.058
Std Dev = 0.02 Rel Std Dev = 29.31
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.783
Std Dev = 0.02 Rel Std Dev = 2.68
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.857
Std Dev = 0.02 Rel Std Dev = 1.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.587
Std Dev = 0.01 Rel Std Dev = 0.40
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.869
Std Dev = 0.04 Rel Std Dev = 0.58
Zero Order Coef = -147.21
First Order Coef = 2588.97
Second Order Coef = 29.88
Standard Deviation = 3.440267

Channel 2 Data
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.134
Std Dev = 0.02 Rel Std Dev = 14.98
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.556
Std Dev = 0.01 Rel Std Dev = 0.73
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.675
Std Dev = 0.00 Rel Std Dev = 0.13
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.994
Std Dev = 0.01 Rel Std Dev = 0.08
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 13.072
Std Dev = 0.05 Rel Std Dev = 0.36
Zero Order Coef = -157.46
First Order Coef = 1288.70
Second Order Coef = 13.79
Standard Deviation = 14.616985

Channel 1 Data
Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12346, Sum Io = 13235
Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 6.9180 (-0.0090)
Sample #2 = 6.8250 (0.0760)
Sample #3 = 6.8810 (0.0360)
Sample #4 = 6.9020 (0.0310)
Avg % Abs = 6.8693 (0.0477)
STD DEV = 0.0398 (0.0247)
REL STD DEV = 0.579 (51.744)

Channel 2 Data
Sample % Abs (% Abs Ref)
Sample #1 = 13.1570 (-0.0110)
Sample #2 = 13.0180 (0.1250)
Sample #3 = 13.0930 (0.0330)
Sample #4 = 13.1060 (0.0400)
Avg % Abs = 13.0723 (0.0660)
STD DEV = 0.0475 (0.0512)
REL STD DEV = 0.363 (77.599)

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 0.0001
0.100 0.100 -0.0001
0.200 0.200 -0.0000
0.400 0.400 0.0000

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0003
0.040 0.040 0.0005
0.100 0.100 -0.0001
0.200 0.200 -0.0001
0.400 0.400 0.0000

Sol Value = 0.088 g/210L ***
Fit Value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
**** CHANNEL 1
Sample #1 = 3333.00
Sample #2 = 3265.00
Sample #3 = 3291.00
Sample #4 = 3277.00
Average Result = 3277.6667
STD DEV = 13.0128
REL STD DEV = 0.397
**** CHANNEL 2
Sample #1 = 3342.00
Sample #2 = 3312.00
Sample #3 = 3356.00
Sample #4 = 3342.00
Average Result = 3340.0000
REL STD DEV = 27.0555
**** CHANNEL 1
Dry Gas H2O Adjust Results *****
Barometric Pressure = 1019
3 um H2O Adjust (mg/l*10.000) = 532
9 um H2O Adjust (mg/l*10.000) = 469
**** AUTO CAL PASS

Sol Value = 0.040 g/210L ***
Fit Value = 0.0400 mg/l %%%
Samples Taken = 4, Discarded = 1
**** CHANNEL 1
Sample #1 = 0.7980 (-0.0140)
Sample #2 = 0.7630 (0.0210)
Sample #3 = 0.7820 (0.0180)
Sample #4 = 0.8050 (0.0360)
Avg % Abs = 0.7833 (0.0250)
STD DEV = 0.0210 (0.0096)
REL STD DEV = 2.685 (38.575)

ASK

BBM

Post-Cool Stability Checks 80-001732 Pinellas Park P.D. 7/29/16 DMS

DMS

PINELLAS PARK P.D.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001732
02/29/2016
Software: 8100.27

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Test	g/210L	Time
Air Blank	0.000	12:20
Control Test	0.050	12:20
Air Blank	0.000	12:21
Control Test	0.051	12:21
Air Blank	0.000	12:22
Control Test	0.050	12:23
Air Blank	0.000	12:23
Control Test Stats		
Average	0.0503	
Std Dev	0.0006	
Rel Std Dev(%)	1.1471	

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.080	12:25
Air Blank	0.000	12:26
Control Test	0.079	12:26
Air Blank	0.000	12:27
Control Test	0.079	12:28
Air Blank	0.000	12:28
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

Test	g/210L	Time
Air Blank	0.000	12:29
Control Test	0.280	12:30
Air Blank	0.000	12:30
Control Test	0.199	12:31
Air Blank	0.000	12:32
Control Test	0.199	12:32
Air Blank	0.000	12:33
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

Test	g/210L	Time
Air Blank	0.000	12:34
Control Test	0.080	12:35
Air Blank	0.000	12:35
Control Test	0.079	12:36
Air Blank	0.000	12:36
Control Test	0.079	12:36
Air Blank	0.000	12:37
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	

BK

DMS
Operator's Signature

DMS
Operator's Signature

DMS
Operator's Signature

DMS
Operator's Signature