

INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO S/N 80-001259
 Date In 9/6/16 Date Out 10/27/16 Ship P/U H/D CMI EE

Intake	Performed By <u>TP</u>	Quality Checks	Performed By <u>RDS</u>	Flow Calibration	Performed By															
<input checked="" type="checkbox"/> Registration <input checked="" type="checkbox"/> Annual <input checked="" type="checkbox"/> Return from CMI <input type="checkbox"/> Return from Enforcement Electronics <input type="checkbox"/> Other _____ Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Dry Gas Holder <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Keyboard/Plug <input checked="" type="checkbox"/> Back/Plugs <input checked="" type="checkbox"/> Screws tight <input checked="" type="checkbox"/> Breath Hose Other Equipment: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Other <u>Static Bag</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>204</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32mm <u>0.164</u> (.139 - .169) 36mm <u>0.179</u> (.156 - .190) 53mm <u>0.253</u> (.228 - .278) 103mm <u>0.519</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</u> <input checked="" type="checkbox"/> Stability Checks		<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 Verifications Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547)																
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0.08 DGS	N/A	AG112405 5/3/18																		

RECEIVED
 OCT 27 2016
 FDLE
 Alcohol Testing Program

Optical Bench Calibration	Performed By <u>RDS</u>	Department Inspection	Performed By <u>RDS</u>																																								
<input type="checkbox"/> Optical Bench Calibration N/A <input checked="" type="checkbox"/> Optical Bench Calibration Complete Barometric Pressure Gauge <u>1023</u> ID # <u>21932</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>G4444</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>G2882</td> <td>16101</td> <td>2/2/18</td> </tr> <tr> <td>0.100</td> <td>G2078</td> <td>16001</td> <td>5/8/18</td> </tr> <tr> <td>0.200</td> <td>G2408</td> <td>16103</td> <td>6/14/18</td> </tr> <tr> <td>0.400</td> <td>G5358</td> <td>16102</td> <td>3/22/18</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>03415080A1</td> <td>3/5/17</td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	G4444	N/A	N/A	0.040	G2882	16101	2/2/18	0.100	G2078	16001	5/8/18	0.200	G2408	16103	6/14/18	0.400	G5358	16102	3/22/18	0.080 DGS	N/A	03415080A1	3/5/17	<input checked="" type="checkbox"/> Barometric Pressure <u>1025</u> Gauge ID# <u>28427</u> <u>1023</u> Instrument Mouth Alcohol Solution Lot # <u>2015-A</u> Acetone Stock Solution Lot # <u>2016-5</u>	<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>SD1019</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>SD1025</td> </tr> </tbody> </table>	Simulator	Serial Number	0.00	SD1019	Interferent	SD1021	0.05	SD1018	0.08	SD1011	0.20	SD1025
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Notes: Performed optical bench calibration to bring values closer to nominal. @RDS
QC: SP

<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

Ernest Kirkland
 Quality Control Review

10/27/16
 Date

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001259
 09/22/2016
 Software: 8100.27

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001259
 09/22/2016
 Software: 8100.27

*Pre-Cal
 Stability Checks*

*#80-001259
 Pinellas County SO.
 9/22/16
 DMS*

Test	g/210L	Time
Air Blank	0.000	17:07
Control Test	0.048	17:08
Air Blank	0.000	17:08
Control Test	0.049	17:09
Air Blank	0.000	17:09
Control Test	0.049	17:10
Air Blank	0.000	17:11
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Test	g/210L	Time
Air Blank	0.000	17:13
Control Test	0.078	17:13
Air Blank	0.000	17:14
Control Test	0.078	17:15
Air Blank	0.000	17:15
Control Test	0.078	17:16
Air Blank	0.000	17:16
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DMS

DMS

Operator's Signature

Operator's Signature

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001259
 09/22/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:19
Control Test	0.195	17:19
Air Blank	0.000	17:20
Control Test	0.198	17:21
Air Blank	0.000	17:21
Control Test	0.197	17:22
Air Blank	0.000	17:22
Control Test Stats		
Average	0.1967	
Std Dev	0.0015	
Rel Std Dev(%)	0.7767	

DMS

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001259
 09/22/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:24
Control Test	0.084	17:24
Air Blank	0.000	17:25
Control Test	0.085	17:25
Air Blank	0.000	17:25
Control Test	0.085	17:26
Air Blank	0.000	17:26
Control Test Stats		
Average	0.0847	
Std Dev	0.0006	
Rel Std Dev(%)	0.6819	

DMS

PINELLAS COUNTY SO
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-001259
 09/22/2016
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	17:34
Control Test	0.085	17:34
Air Blank	0.000	17:35
Control Test	0.085	17:35
Air Blank	0.000	17:35
Control Test	0.086	17:36
Air Blank	0.000	17:36
Control Test Stats		
Average	0.0853	
Std Dev	0.0006	
Rel Std Dev(%)	0.6766	

DMS

Operator's Signature

*Changed
 DMS DG Cylinder*

DMS

Operator's Signature

DMS

Operator's Signature

AG16124DS 5/3/18

AG431502 11/11/16

BSK

SP

Optical bench calibration # 80-001259 Pinellas County S.O. 10/27/16

PINELLAS COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
10/27/2016
10:46:40
SN 80-001259

Auto Calibration
Max Power Res Value = 49
Auto Range Res Value = 33

Sample % Abs (% Abs Ref)
Sample #1 = 1.5850 (-0.0040)
Sample #2 = 1.5700 (0.0060)
Sample #3 = 1.5760 (0.0150)
Sample #4 = 1.5830 (0.0160)
Avg % Abs = 1.5763 (0.0123)
STD DEV = 0.0065 (0.0055)
REL STD DEV = 0.413 (44.656)

Sol Value = 0.000 g/210L ***
Fit Value = 0.000 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12661, Sum Io = 13060
Sample % Abs (% Abs Ref)
Sample #1 = 0.0760 (-0.0130)
Sample #2 = 0.0960 (-0.0250)
Sample #3 = 0.1040 (-0.0100)
Sample #4 = 0.0870 (0.0120)
Avg % Abs = 0.0957 (-0.0077)
STD DEV = 0.0085 (0.0186)
REL STD DEV = 8.890 (242.740)

Sample % Abs (% Abs Ref)
Sample #1 = 0.1870 (-0.0110)
Sample #2 = 0.1870 (-0.0090)
Sample #3 = 0.1920 (-0.0010)
Sample #4 = 0.1750 (0.0080)
Avg % Abs = 0.1847 (-0.0007)
STD DEV = 0.0087 (0.0085)
REL STD DEV = 4.731 (1275.735)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12668, Sum Io = 13066
Sample % Abs (% Abs Ref)
Sample #1 = 0.8370 (-0.0090)
Sample #2 = 0.7940 (0.0030)
Sample #3 = 0.8030 (0.0250)
Sample #4 = 0.8200 (0.0080)
Avg % Abs = 0.8157 (0.0120)
STD DEV = 0.0132 (0.0115)
REL STD DEV = 1.639 (56.195)

Sol Value = 0.100 g/210L ***
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
REL STD DEV = 0.306 (22.446)

Sample % Abs (% Abs Ref)
Sample #1 = 6.9580 (-0.0170)
Sample #2 = 6.9330 (-0.0170)
Sample #3 = 6.8960 (0.0330)
Sample #4 = 6.8900 (0.0240)
Avg % Abs = 6.9063 (0.0133)
STD DEV = 0.0233 (0.0267)
REL STD DEV = 0.337 (199.891)

Sol Value = 0.400 g/210L ***
Fit Value = 1.9048 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
REL STD DEV = 0.306 (22.446)

Sample % Abs (% Abs Ref)
Sample #1 = 12.8330 (0.0040)
Sample #2 = 12.7300 (0.0570)
Sample #3 = 12.7570 (0.0800)
Sample #4 = 12.7470 (0.0930)
Avg % Abs = 12.7590 (0.0767)
STD DEV = 0.0131 (0.0182)
REL STD DEV = 0.103 (23.778)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12668, Sum Io = 13066
Sample % Abs (% Abs Ref)
Sample #1 = 3.7080 (-0.0170)
Sample #2 = 3.6870 (0.0070)
Sample #3 = 3.6710 (0.0310)
Sample #4 = 3.6770 (0.0090)
Avg % Abs = 3.6783 (0.0157)
STD DEV = 0.0089 (0.0133)
REL STD DEV = 0.220 (85.000)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
REL STD DEV = 0.306 (22.446)

Sample % Abs (% Abs Ref)
Sample #1 = 12.8330 (0.0040)
Sample #2 = 12.7300 (0.0570)
Sample #3 = 12.7570 (0.0800)
Sample #4 = 12.7470 (0.0930)
Avg % Abs = 12.7590 (0.0767)
STD DEV = 0.0131 (0.0182)
REL STD DEV = 0.103 (23.778)

Sol Value = 0.400 g/210L ***
Fit Value = 1.9048 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
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Sample % Abs (% Abs Ref)
Sample #1 = 12.8330 (0.0040)
Sample #2 = 12.7300 (0.0570)
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Sample #4 = 12.7470 (0.0930)
Avg % Abs = 12.7590 (0.0767)
STD DEV = 0.0131 (0.0182)
REL STD DEV = 0.103 (23.778)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12668, Sum Io = 13066
Sample % Abs (% Abs Ref)
Sample #1 = 3.7080 (-0.0170)
Sample #2 = 3.6870 (0.0070)
Sample #3 = 3.6710 (0.0310)
Sample #4 = 3.6770 (0.0090)
Avg % Abs = 3.6783 (0.0157)
STD DEV = 0.0089 (0.0133)
REL STD DEV = 0.220 (85.000)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
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Sample % Abs (% Abs Ref)
Sample #1 = 6.9580 (-0.0170)
Sample #2 = 6.9330 (-0.0170)
Sample #3 = 6.8960 (0.0330)
Sample #4 = 6.8900 (0.0240)
Avg % Abs = 6.9063 (0.0133)
STD DEV = 0.0233 (0.0267)
REL STD DEV = 0.337 (199.891)

Sol Value = 0.400 g/210L ***
Fit Value = 1.9048 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
REL STD DEV = 0.306 (22.446)

Sample % Abs (% Abs Ref)
Sample #1 = 12.8330 (0.0040)
Sample #2 = 12.7300 (0.0570)
Sample #3 = 12.7570 (0.0800)
Sample #4 = 12.7470 (0.0930)
Avg % Abs = 12.7590 (0.0767)
STD DEV = 0.0131 (0.0182)
REL STD DEV = 0.103 (23.778)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12668, Sum Io = 13066
Sample % Abs (% Abs Ref)
Sample #1 = 3.7080 (-0.0170)
Sample #2 = 3.6870 (0.0070)
Sample #3 = 3.6710 (0.0310)
Sample #4 = 3.6770 (0.0090)
Avg % Abs = 3.6783 (0.0157)
STD DEV = 0.0089 (0.0133)
REL STD DEV = 0.220 (85.000)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12667, Sum Io = 13063
Sample % Abs (% Abs Ref)
Sample #1 = 6.9770 (-0.0150)
Sample #2 = 6.9510 (0.0190)
Sample #3 = 6.9090 (0.0300)
Sample #4 = 6.9350 (0.0270)
Avg % Abs = 6.9317 (0.0253)
STD DEV = 0.0212 (0.0057)
REL STD DEV = 0.306 (22.446)

***** AUTO CAL DATA *****
<<<<< CHANNEL 1 >>>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.096
Std Dev = 0.01 Rel Std Dev = 8.89
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.806
Std Dev = 0.01 Rel Std Dev = 1.64
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.898
Std Dev = 0.01 Rel Std Dev = 0.27
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.678
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.932
Std Dev = 0.02 Rel Std Dev = 0.31
Zero Order Coef = -194.32
First Order Coef = 2520.21
Second Order Coef = 36.68
Standard Deviation = 45.632092
<<<<< CHANNEL 2 >>>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.185
Std Dev = 0.01 Rel Std Dev = 4.73
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.576
Std Dev = 0.01 Rel Std Dev = 0.41
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.629
Std Dev = 0.02 Rel Std Dev = 0.52
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.906
Std Dev = 0.02 Rel Std Dev = 0.34
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.759
Std Dev = 0.01 Rel Std Dev = 0.10
Zero Order Coef = -213.75
First Order Coef = 1303.86
Second Order Coef = 16.08
Standard Deviation = 29.758114

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0010
0.040 0.039 0.0009
0.100 0.099 0.0009
0.200 0.201 -0.0010
0.400 0.400 0.0002

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.001 -0.0006
0.040 0.040 0.0005
0.100 0.099 0.0007
0.200 0.201 -0.0007
0.400 0.400 0.0002

Sol Value = 0.080 g/210L ***
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1
***** CHANNEL 1 *****
Sample #1 = 2924.00
Sample #2 = 2862.00
Sample #3 = 2811.00
Sample #4 = 2983.00
Average Result = 2885.3333
STD DEV = 88.3421
REL STD DEV = 3.062
***** CHANNEL 2 *****
Sample #1 = 3077.00
Sample #2 = 3083.00
Sample #3 = 3075.00
Sample #4 = 3154.00
Average Result = 3104.0000
STD DEV = 43.4856
REL STD DEV = 1.401

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1023
3 um H2O Adjust (mg/l*10,000) = 924
9 um H2O Adjust (mg/l*10,000) = 705
**** AUTO CAL PASS

ASK
SP

Post-Calibration Stability Checks #80-001259 Pinellas County SO. 10/27/16 *RMS*

RMS

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001259
10/27/2016
Software: 8100.27

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Test	g/210L	Time
Air Blank	0.000	11:45
Control Test	0.050	11:45
Air Blank	0.000	11:46
Control Test	0.050	11:46
Air Blank	0.000	11:47
Control Test	0.050	11:48
Air Blank	0.000	11:48
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Test	g/210L	Time
Air Blank	0.000	11:53
Control Test	0.079	11:54
Air Blank	0.000	11:54
Control Test	0.080	11:55
Air Blank	0.000	11:55
Control Test	0.079	11:56
Air Blank	0.000	11:57
Control Test Stats		
Average	0.0783	
Std Dev	0.0005	
Rel Std Dev(%)	0.7277	

Test	g/210L	Time
Air Blank	0.000	11:58
Control Test	0.199	11:59
Air Blank	0.000	12:00
Control Test	0.198	12:00
Air Blank	0.000	12:01
Control Test	0.199	12:02
Air Blank	0.000	12:02
Control Test Stats		
Average	0.1987	
Std Dev	0.0006	
Rel Std Dev(%)	0.2906	

Test	g/210L	Time
Air Blank	0.000	12:04
Control Test	0.080	12:05
Air Blank	0.000	12:05
Control Test	0.081	12:06
Air Blank	0.000	12:06
Control Test	0.081	12:06
Air Blank	0.000	12:07
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

BK

RMS

Operator's Signature

RMS

Operator's Signature

RMS

Operator's Signature

RMS

Operator's Signature

SP