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JUL 11 2016
FDLE
Alcohol Testing Program

FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO S/N 80-000889

Date In 6/29/16 Date Out 7/8/16

☑ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By DE

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☒ Return from Enforcement
- Electronics
- ☐ Other

Visual Inspection:

- ok Case
- ok Dry Gas Holder
- ok Keyboard/Plug
- ok Screws tight
- ok Handle
- ok Feet
- ok Back/Plugs
- ok Breath Hose

Other Equipment:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Other

Notes:

Quality Checks Performed By DMB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 187
- ☑ Flow Verification (L/s)

Flow Column # ATP.102

32mm	0.152	(.139 - .169)
36mm	0.167	(.156 - .190)
53mm	0.242	(.228 - .278)
103mm	0.515	(.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 7/14/17
0.08	SD1011	201601F 1/26/18
0.20	SD1025	201505A 5/12/17
0.08 DGS	N/A	AG605301 2/22/18

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

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 DMB

- ☑ Barometric Pressure ID# 28427 — 1017 Gauge / 1013 Instrument

Mouth Alcohol Solution Lot # 2015-A

Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	SD1025

Attachments

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

Notes: QA/QC ok DJM

- ☑ **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**

Brett Kirkland
Quality Control Review

7/11/16
Date

Revised November 2012

Stability Checks 80-000889 Pinellas County SO. 7/6/16 BK

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
07/06/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:21
Control Test	0.049	16:22
Air Blank	0.000	16:23
Control Test	0.049	16:23
Air Blank	0.000	16:24
Control Test	0.049	16:25
Air Blank	0.000	16:25
Control Test Stats		
Average	0.0490	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
07/06/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:16
Control Test	0.079	16:17
Air Blank	0.000	16:18
Control Test	0.078	16:18
Air Blank	0.000	16:19
Control Test	0.079	16:20
Air Blank	0.000	16:20
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
07/06/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:32
Control Test	0.202	16:33
Air Blank	0.000	16:33
Control Test	0.200	16:34
Air Blank	0.000	16:35
Control Test	0.199	16:35
Air Blank	0.000	16:36
Control Test Stats		
Average	0.2003	
Std Dev	0.0015	
Rel Std Dev(%)	0.7625	

Operator's Signature

DGS

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
07/06/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	16:28
Control Test	0.079	16:28
Air Blank	0.000	16:29
Control Test	0.079	16:29
Air Blank	0.000	16:30
Control Test	0.079	16:30
Air Blank	0.000	16:30
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

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INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO S/N 80-000889

Date In 4/29/16 Date Out 6/2/16 ☐Ship ☐P/U ☐H/D ☐CMI ☑EE

Intake Performed By TM

- ☐ Registration
- ☑ Annual
- ☐ Return from CMI
- ☑ Return from Enforcement Electronics
- ☐ Other

Visual Inspection:

- OK Case
- OK Dry Gas Holder
- OK Keyboard/Plug
- OK Screws tight
- OK Handle
- OK Feet
- OK Back/Plugs
- OK Breath Hose

Other Equipment:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Other

Notes:

Quality Checks Performed By RMS

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 185
- ☑ Flow Verification (L/s)

Flow Column # ATP102

32mm 0.156 (.139 - .169)
36mm 0.167 (.156 - .190)
53mm 0.238 (.228 - .278)
103mm 0.511 (.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 28427

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	G2403	201507A 7/14/17
0.08	SD3964	201601F 1/26/18
0.20	G4444	201505A 5/12/17
0.08 DGS	N/A	AG600504 01/05/18

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

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

- ☐ Barometric Pressure ID# Gauge 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
- ☐ Optical Bench Cal
- ☐ Post-Stability Tests
- ☑ Other Form 40

Notes: Upon quality checks, determined instrument could be better calibrated - returned to Enforcement Electronics for calibration to bring values closer to nominal. RMS

- ☐ **Instrument Complies with Chapter 11D-8, FAC**
- ☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**

Compliance not determined.

- ☐ **Return to/Place into Evidentiary Use**
- ☑ **Remain Out of Evidentiary Use**
- ☐ **Conduct an Agency Inspection Before Evidentiary Use**

Quality Control Review

Date

Revised November 2012

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INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO S/N 80-000889

Date In 1/7/16 Date Out 1/26/16 ☐Ship ☐P/U ☐H/D ☐CMI ☑EE

Intake Performed By TP

- ☐ 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 TP/MB

- ☑ Breath Tube Screen
- ☑ Replace O-Rings
- ☑ Instrument Set Up Verified
- ☑ R-Value 189
- ☑ Flow Verification (L/s)

Flow Column # ATP102

32mm 0.152 (.139 - .169)
36mm 0.160 (.156 - .190)
53mm 0.230 (.228 - .278)
103mm 0.507 (.447 - .547)

- ☑ Barometric Pressure Check

Gauge ID # 26932

- ☑ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1024	201507A 7/14/17
0.08	DR2035	201502G 2/24/17
0.20	DR3856	201505A 5/12/17
0.08 DGS	N/A	AG511701 4/27/17

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

Suggested Service

Optical Bench Calibration #1 Performed By MB

- ☐ Optical Bench Calibration N/A
- ☑ Optical Bench Calibration Complete 1/22/16

Barometric Pressure Gauge 1004 ID # 28427

Simulator	Serial Number	Lot Number	Expiration
0.000	DR1275	N/A	N/A
0.040	G2882	15108	8/18/17
0.100	G2078	15001	5/20/17
0.200	G2408	14104	6/25/16
0.400	G5358	15105	6/10/17
0.080 DGS	N/A	M014080A1	5/1/16

- ☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05	SD1024	201507A	7/14/17
0.08	DR2035	201502G	2/24/17
0.20	DR3856	201505A	5/12/17
0.08 DGS	N/A	AG511701	4/27/17

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
- ☑ Optical Bench Cal x2
- ☑ Post-Stability Tests x2
- ☐ Other

Notes: Calibrated twice to bring values closer to nominal. While values are within range- DOS suggest sending to repair for further evaluation.

QC-TK

- ☐ **Instrument Complies with Chapter 11D-8, FAC** (Compliance not determined)
- ☐ **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

Revised November 2012

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INSTRUMENT PROCESSING SHEET

Agency Pinellas County SO S/N 80-000889

Date In _____ Date Out _____ ☐Ship ☐P/U ☐H/D ☐CMI

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 _____

- ☑ Breath Tube Screen
- ☐ Replace 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 _____

Suggested Service

Optical Bench Calibration #2 Performed By EMB

- ☐ Optical Bench Calibration N/A
- ☑ Optical Bench Calibration Complete 1/26/16

Barometric Pressure Gauge 1030 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	0901408OA1	5/1/16

- ☑ Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
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	AGS11701	4/27/17

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
- ☐ Optical Bench Cal
- ☐ Post-Stability Tests
- ☐ Other _____

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**

_____ _____

Quality Control Review Date

Pre-Cal
Stability Checks 80-000889 Pinellas County S.O. 1/20/16 DMB

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:41
Control Test	0.053	10:41
Air Blank	0.000	10:42
Control Test	0.051	10:43
Air Blank	0.000	10:43
Control Test	0.052	10:44
Air Blank	0.000	10:45
Control Test Stats		
Average	0.0520	
Std Dev	0.0010	
Rel Std Dev(%)	1.9231	

DMB
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:46
Control Test	0.083	10:46
Air Blank	0.000	10:47
Control Test	0.082	10:48
Air Blank	0.000	10:48
Control Test	0.081	10:49
Air Blank	0.000	10:50
Control Test Stats		
Average	0.0820	
Std Dev	0.0010	
Rel Std Dev(%)	1.2195	

DMB
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:52
Control Test	0.207	10:53
Air Blank	0.000	10:54
Control Test	0.205	10:54
Air Blank	0.000	10:55
Control Test	0.205	10:56
Air Blank	0.000	10:56
Control Test Stats		
Average	0.2057	
Std Dev	0.0012	
Rel Std Dev(%)	0.5614	

DMB
Operator's Signature

DES

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:59
Control Test	0.080	10:59
Air Blank	0.000	11:00
Control Test	0.081	11:00
Air Blank	0.000	11:00
Control Test	0.080	11:01
Air Blank	0.000	11:01
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DMB
Operator's Signature

Calibration Data 80-000889 Pinellas County S.O. 1/22/16 DMB

PINELL[illegible] County So
Intox[illegible]
Model 8000 SN 80-000889
01/22/2016 12:27:42

Auto Calibration
Max Power Res Value = 60
Auto Range Res Value = 47

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12296, 9um Io = 14287

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1560	(-0.0100)
Sample #2 =	0.1070	(0.0390)
Sample #3 =	0.1230	(0.0850)
Sample #4 =	0.1070	(0.0880)

Avg % Abs = 0.1123 (0.0707)
STD DEV = 0.0092 (0.0275)
REL STD DEV = 8.223 (38.866)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0940	(0.0030)
Sample #2 =	0.0900	(0.0140)
Sample #3 =	0.0850	(0.0440)
Sample #4 =	0.1000	(0.0390)

Avg % Abs = 0.0917 (0.0323)
STD DEV = 0.0076 (0.0161)
REL STD DEV = 8.332 (49.710)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12279, 9um Io = 14274

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8690	(-0.0140)
Sample #2 =	0.8400	(0.0150)
Sample #3 =	0.7970	(0.0430)
Sample #4 =	0.8140	(0.0570)

Avg % Abs = 0.8170 (0.0383)
STD DEV = 0.0217 (0.0214)
REL STD Dev 2.651 (55.788)

Channel 2

Sample	% Abs	% Abs Ref
Sample #1 =	1.5220	(-0.0160)
Sample #2 =	1.4860	(0.0200)
Sample #3 =	1.4530	(0.0460)
Sample #4 =	1.4640	(0.0490)

Avg % Abs = 1.4677 (0.0383)
STD DEV = 0.0168 (0.0159)
REL STD DEV = 1.145 (41.603)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12273, 9um Io = 14271

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9770	(-0.0220)
Sample #2 =	1.9070	(0.0580)
Sample #3 =	1.9140	(0.0820)
Sample #4 =	1.9040	(0.0840)

Avg % Abs = 1.9083 (0.0747)
STD DEV = 0.0051 (0.0145)
REL STD DEV = 0.269 (19.377)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6660	(-0.0160)
Sample #2 =	3.5310	(0.0980)
Sample #3 =	3.5420	(0.1220)
Sample #4 =	3.5450	(0.1280)

Avg % Abs = 3.5393 (0.1160)
STD DEV = 0.0074 (0.0159)
REL STD DEV = 0.208 (13.685)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12265, 9um Io = 14266

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.6500	(-0.0090)
Sample #2 =	3.6020	(0.0910)
Sample #3 =	3.5880	(0.1290)
Sample #4 =	3.5760	(0.1410)

Avg % Abs = 3.5887 (0.1203)
STD DEV 0.0730 (0.020610)
REL STD DEV 0.363 (21.692)

Channel 2

Sample	% Abs	% Abs Ref)
Sample #1 =	6.9130	(-0.0020)
Sample #2 =	6.7450	(0.2030)
Sample #3 =	6.7270	(0.2440)
Sample #4 =	6.7050	(0.2660)

Avg % Abs = 6.7257 (0.2377)
STD DEV = 0.0200 (0.0320)
REL STD DEV = 0.298 (13.453)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12259, 9um Io = 14258

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0920	(-0.0230)
Sample #2 =	6.9070	(0.1670)
Sample #3 =	6.8670	(0.2620)
Sample #4 =	6.8630	(0.2740)

Avg % Abs = 6.8790 (0.2343)
STD DEV = 0.0243 (0.0586)
REL STD DEV = 0.354 (25.016)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	13.1030	(-0.0160)
Sample #2 =	12.7730	(0.3350)
Sample #3 =	12.7020	(0.4570)
Sample #4 =	12.6990	(0.4630)

Avg % Abs = 12.7247 (0.4250)
STD DEV = 0.0419 (0.0790)
REL STD DEV = 0.329 (18.593)

*Auto Cal Data
Channel 1

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.112
Std Dev = 0.01 Rel Std Dev = 8.22
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.817
Std Dev = 0.02 Rel Std Dev = 2.65
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.908
Std Dev = 0.01 Rel Std Dev = 0.27
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.589
Std Dev = 0.01 Rel Std Dev = 0.36
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.879
Std Dev = 0.02 Rel Std Dev = 0.35
Zero Order Coef = -294.81
First Order Coef = 2631.63
Second Order Coef = 26.30
Standard Deviation = 38.949104

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.092
Std Dev = 0.01 Rel Std Dev = 8.33
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.468
Std Dev = 0.02 Rel Std Dev = 1.14
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.539
Std Dev = 0.01 Rel Std Dev = 0.21
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.726
Std Dev = 0.02 Rel Std Dev = 0.30
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.725
Std Dev = 0.04 Rel Std Dev = 0.33
Zero Order Coef = -120.59
First Order Coef = 1345.63
Second Order Coef = 12.65
Standard Deviation = 25.113581

Solution Stats Quad Fit Channel 1

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0000
0.040	0.039	0.0007
0.100	0.101	-0.0013
0.200	0.199	0.0008
0.400	0.400	-0.0001

Solution Stats Quadratic Fit Chan 2

Act g/210L	Fit g/210L	Residual g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0005
0.100	0.101	-0.0008
0.200	0.200	0.0005
0.400	0.400	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 3041.00
Sample #2 = 2984.00
Sample #3 = 3003.00
Sample #4 = 2966.00
Average Result = 2984.3333
STD DEV = 18.5023
REL STD DEV = 0.620
****
***** CHANNEL 2
Sample #1 = 3434.00
Sample #2 = 3470.00
Sample #3 = 3491.00
Sample #4 = 3455.00
Average Result = 3472.0000
STD DEV = 18.0831
REL STD DEV = 0.521
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1004
3 um H2O Adjust (mg/l*10,000) = 825
9 um H2O Adjust (mg/l*10,000) = 337
**** AUTO CAL PASS

DMB

Post Cal
Stability Checks 80-000889 Pinellas County S.O. 1/22/16 DMB

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/22/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:54
Control Test	0.052	14:54
Air Blank	0.000	14:55
Control Test	0.052	14:56
Air Blank	0.000	14:56
Control Test	0.052	14:57
Air Blank	0.000	14:58
Control Test Stats		
Average	0.0520	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/22/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:59
Control Test	0.082	15:00
Air Blank	0.000	15:00
Control Test	0.082	15:01
Air Blank	0.000	15:02
Control Test	0.082	15:02
Air Blank	0.000	15:03
Control Test Stats		
Average	0.0820	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/22/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:05
Control Test	0.210	15:05
Air Blank	0.000	15:06
Control Test	0.208	15:07
Air Blank	0.000	15:07
Control Test	0.207	15:08
Air Blank	0.000	15:09
Control Test Stats		
Average	0.2083	
Std Dev	0.0015	
Rel Std Dev(%)	0.7332	

Operator's Signature

DGB

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/22/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:11
Control Test	0.081	15:11
Air Blank	0.000	15:12
Control Test	0.081	15:12
Air Blank	0.000	15:13
Control Test	0.081	15:13
Air Blank	0.000	15:14
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

Calibration #2 Data 80-000889 Pinellas County SO. 1/26/16 OMS

PINELLAS COUNTY SO
Intoxilyzer 8000 Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016 12:43:27

Auto Calibration
Max Power Res Value = 60
Auto Range Res Value = 46

Sol Value = 0.080 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12161, 9um Io = 14205

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1130	(-0.0070)
Sample #2 =	0.1420	(-0.0190)
Sample #3 =	0.1380	(-0.0070)
Sample #4 =	0.1270	(0.0040)
Avg % Abs =	0.1357	(-0.0073)
STD DEV =	0.0078	(0.0115)
REL STD DEV =	5.725	(156.868)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0930	(-0.0160)
Sample #2 =	0.1140	(-0.0230)
Sample #3 =	0.1120	(-0.0280)
Sample #4 =	0.0900	(-0.0200)
Avg % Abs =	0.1053	(-0.0237)
STD DEV =	0.0133	(0.0040)
REL STD DEV =	12.642	(17.077)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12155, 9um Io = 14202

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8570	(-0.0160)
Sample #2 =	0.8560	(-0.0090)
Sample #3 =	0.8680	(-0.0050)
Sample #4 =	0.8500	(-0.0030)
Avg % Abs =	0.8580	(-0.0057)
STD DEV =	0.0092	(0.0031)
REL STD DEV =	1.368	(53.913)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.5490	(-0.0180)
Sample #2 =	1.5100	(0.0100)
Sample #3 =	1.5430	(-0.0090)
Sample #4 =	1.5250	(-0.0120)
Avg % Abs =	1.5260	(-0.0037)
STD DEV =	0.0165	(0.0119)
REL STD DEV =	1.083	(325.373)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12152, 9um Io = 14205

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.9960	(-0.0250)
Sample #2 =	1.9570	(0.0340)
Sample #3 =	1.9250	(0.0490)
Sample #4 =	1.9160	(0.0640)
Avg % Abs =	1.9327	(0.0490)
STD DEV =	0.0215	(0.0150)
REL STD DEV =	1.115	(30.612)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7130	(-0.0110)
Sample #2 =	3.5880	(0.1230)
Sample #3 =	3.5640	(0.1310)
Sample #4 =	3.5620	(0.1420)
Avg % Abs =	3.5713	(0.1320)
STD DEV =	0.0145	(0.0095)
REL STD DEV =	0.405	(7.227)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12150, 9um Io = 14199

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.7510	(-0.0070)
Sample #2 =	3.6300	(0.1060)
Sample #3 =	3.6190	(0.1340)
Sample #4 =	3.6230	(0.1380)
Avg % Abs =	3.6240	(0.1260)
STD DEV =	0.0056	(0.0174)
REL STD DEV =	0.154	(13.838)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.0010	(0.0050)
Sample #2 =	6.7990	(0.2060)
Sample #3 =	6.7770	(0.2460)
Sample #4 =	6.7790	(0.2420)
Avg % Abs =	6.7850	(0.2320)
STD DEV =	0.0122	(0.0209)
REL STD DEV =	0.179	(9.000)

Sol Value = 0.400 g/210L ***
Fit value = 1.9048 mg/l %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12143, 9um Io = 14190

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	7.1450	(-0.0220)
Sample #2 =	6.9370	(0.2110)
Sample #3 =	7.0420	(0.1470)
Sample #4 =	6.9860	(0.2030)
Avg % Abs =	6.9883	(0.1870)
STD DEV =	0.0525	(0.0349)
REL STD DEV =	0.752	(18.648)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	13.2820	(-0.0180)
Sample #2 =	12.8700	(0.4060)
Sample #3 =	13.0150	(0.2830)
Sample #4 =	12.8950	(0.3910)
Avg % Abs =	12.9267	(0.3600)
STD DEV =	0.0775	(0.0671)
REL STD DEV =	0.600	(18.640)

***** AUTO CAL DATA *****

<<<<< CHANNEL 1 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.136
Std Dev = 0.01 Rel Std Dev = 5.73
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.858
Std Dev = 0.01 Rel Std Dev = 1.07
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.933
Std Dev = 0.02 Rel Std Dev = 1.11
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.624
Std Dev = 0.01 Rel Std Dev = 0.15
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 6.988
Std Dev = 0.05 Rel Std Dev = 0.75
Zero Order Coef = -383.68
First Order Coef = 2656.73
Second Order Coef = 17.87
Standard Deviation = 37.794987

<<<<< CHANNEL 2 >>>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.105
Std Dev = 0.01 Rel Std Dev = 12.64
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.526
Std Dev = 0.02 Rel Std Dev = 1.08
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.571
Std Dev = 0.01 Rel Std Dev = 0.41
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.785
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 1.9048 mg/l or 0.400 g/210L
% Abs = 12.927
Std Dev = 0.08 Rel Std Dev = 0.60
Zero Order Coef = -166.74
First Order Coef = 1352.76
Second Order Coef = 10.37
Standard Deviation = 28.749342

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.000	0.0005
0.040	0.040	-0.0001
0.100	0.101	-0.0012
0.200	0.199	0.0009
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	0.0005
0.040	0.040	-0.0004
0.100	0.101	-0.0007
0.200	0.199	0.0007
0.400	0.400	-0.0001

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2936.00
Sample #2 = 2972.00
Sample #3 = 3071.00
Sample #4 = 3034.00
Average Result = 3025.6667
STD DEV = 50.0233
REL STD DEV = 1.653
****
***** CHANNEL 2
Sample #1 = 3425.00
Sample #2 = 3472.00
Sample #3 = 3521.00
Sample #4 = 3505.00
Average Result = 3499.3333
STD DEV = 24.9867
REL STD DEV = 0.714
****
Dry Gas H2O Adjust Results **********
Barometric Pressure = 1018
3 um H2O Adjust (mg/l*10,000) = 784
9 um H2O Adjust (mg/l*10,000) = 310
**** AUTO CAL PASS

Post Cal #2

Stability Checks 80-000889 Pinellas County SO 1/26/16 DMB

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:39
Control Test	0.052	14:40
Air Blank	0.000	14:41
Control Test	0.050	14:41
Air Blank	0.000	14:42
Control Test	0.052	14:43
Air Blank	0.000	14:43
Control Test Stats		
Average	0.0513	
Std Dev	0.0012	
Rel Std Dev(%)	2.2494	

DMB
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:44
Control Test	0.082	14:45
Air Blank	0.000	14:46
Control Test	0.080	14:46
Air Blank	0.000	14:47
Control Test	0.081	14:48
Air Blank	0.000	14:48
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

DMB
Operator's Signature

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:50
Control Test	0.209	14:50
Air Blank	0.000	14:51
Control Test	0.207	14:52
Air Blank	0.000	14:52
Control Test	0.206	14:53
Air Blank	0.000	14:54
Control Test Stats		
Average	0.2073	
Std Dev	0.0015	
Rel Std Dev(%)	0.7368	

DMB
Operator's Signature

DGS

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:55
Control Test	0.078	14:55
Air Blank	0.000	14:55
Control Test	0.079	14:56
Air Blank	0.000	14:56
Control Test	0.079	14:57
Air Blank	0.000	14:57
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DMB
Operator's Signature

Stability Checks
1/26/16
80-000839
Pinellas County S.O.

PINELLAS COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000889
01/26/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	15:15
Control Test	0.208	15:15
Air Blank	0.000	15:16
Control Test	0.207	15:17
Air Blank	0.000	15:17
Control Test	0.207	15:18
Air Blank	0.000	15:19
Control Test	0.207	15:19
Air Blank	0.000	15:20
Control Test	0.207	15:21
Air Blank	0.000	15:21
Control Test	0.209	15:22
Air Blank	0.000	15:23
Control Test	0.206	15:23
Air Blank	0.000	15:24
Control Test	0.208	15:25
Air Blank	0.000	15:25
Control Test	0.207	15:26
Air Blank	0.000	15:27
Control Test	0.207	15:27
Air Blank	0.000	15:28
Control Test	0.207	15:29
Air Blank	0.000	15:29
Control Test	0.207	15:30
Air Blank	0.000	15:31
Control Test	0.206	15:32
Air Blank	0.000	15:32
Control Test	0.207	15:33
Air Blank	0.000	15:34
Control Test	0.207	15:34
Air Blank	0.000	15:35
Control Test	0.207	15:36
Air Blank	0.000	15:36
Control Test	0.207	15:37
Air Blank	0.000	15:38
Control Test	0.207	15:38
Air Blank	0.000	15:39
Control Test	0.207	15:40
Air Blank	0.000	15:40
Control Test	0.207	15:41
Air Blank	0.000	15:42

Control Test Stats

Average	0.2071
Std Dev	0.0006
Rel Std Dev(%)	0.3094

Operator's Signature