



INSTRUMENT PROCESSING SHEET

Florida Department of
Law EnforcementAgency ORANGE County S/N 80-001420
Date In 8/8/19 DI Completion Date 10/3/19 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>DP</u> ☒ Annual ☐ Registration ☐ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☐ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____ _____ _____ Final Release Date FDLE OCT 07 2019 Alcohol Testing Program	Quality Checks Performed By _____ ☐ Breath Tube Screen ☐ Replace External O-Rings ☐ Instrument Set Up Verified ☐ R-Value _____ ☐ Flow Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) ☐ Barometric Pressure Check Gauge ID # _____ ☐ Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td></td> <td></td> </tr> <tr> <td>0.080</td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050			0.080			0.200			0.080 DGS	N/A		Flow Calibration Performed By _____ Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547) Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>SP</u> ☒ Lab Temp °C <u>22.2</u> External Digital Therm. ID#: <u>300505</u> ☒ 34°C +/-2 Serial #: <u>MP5088</u> ☒ 34°C +/-2 Serial #: <u>MP5089</u> ☒ 34°C +/-2 Serial #: <u>MP5090</u>																																												
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Calibration Adjustment Performed By <u>SP</u> Barometric Pressure Gauge <u>1015</u> ID # <u>28427</u> <table border="1" style="width:100%; border-collapse: collapse;"> <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>G8144</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td>G2403</td> <td>19080</td> <td>3-4-21</td> </tr> <tr> <td>0.100</td> <td>G2879</td> <td>19160</td> <td>7-9-21</td> </tr> <tr> <td>0.200</td> <td>G3709</td> <td>19040</td> <td>1-29-21</td> </tr> <tr> <td>0.300</td> <td>G8149</td> <td>19010</td> <td>1-3-21</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>22817080A5</td> <td>10-5-19</td> </tr> </tbody> </table> ☒ Post Calibration Adjustment Stability Checks <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.050</td> <td>MP5088</td> <td>201905A</td> <td>5-14-21</td> </tr> <tr> <td>0.080</td> <td>MP5089</td> <td>201905B</td> <td>5-14-21</td> </tr> <tr> <td>0.200</td> <td>MP5090</td> <td>201904D</td> <td>4-30-21</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG916501</td> <td>6-14-21</td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	G8144	N/A	N/A	0.040	G2403	19080	3-4-21	0.100	G2879	19160	7-9-21	0.200	G3709	19040	1-29-21	0.300	G8149	19010	1-3-21	0.080 DGS	N/A	22817080A5	10-5-19	Simulator	Serial Number	Lot Number	Expiration	0.050	MP5088	201905A	5-14-21	0.080	MP5089	201905B	5-14-21	0.200	MP5090	201904D	4-30-21	0.080 DGS	N/A	AG916501	6-14-21	Department Inspection Performed By <u>SP</u> Barometric Pressure ID# <u>26932</u> Gauge <u>1015</u> Instrument <u>1013</u> Mouth Alcohol Solution Lot # <u>2018-B</u> Acetone Stock Solution Lot # <u>2019-A</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td>MP5086</td> </tr> <tr> <td>Interferent</td> <td>MP5087</td> </tr> <tr> <td>0.050</td> <td>MP5088</td> </tr> <tr> <td>0.080</td> <td>MP5089</td> </tr> <tr> <td>0.200</td> <td>MP5090</td> </tr> </tbody> </table> Attachments ☒ Form 41 ☐ Stability Checks ☒ Calibration Certificate ☒ Calibration Adjustment ☒ Post-Stability Checks ☐ Flow Calibration ☐ Form 40 ☐ Other _____	Simulator	Serial Number	0.000	MP5086	Interferent	MP5087	0.050	MP5088	0.080	MP5089	0.200	MP5090
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Notes/Suggested Service: _____ <u>Performed cal adjustment</u> <u>to bring values closer to</u> <u>nominal. SP</u> _____ _____	☒ 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 <u>gpm 10/4/19</u> Tech Review / Date <u>Smith/Kirkland 10/4/19</u> Admin Review / Date																																																												

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.

Time of Inspection: 11:18

Date of Inspection: 09/11/2019

Serial Number: 80-001420

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:

QAM
BK
10/4/19

N/A Compliance Not Determined.

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

Signature and Printed Name

SHAYLA D PLATT

09/11/2019
Date

ORIGIN: UNIT 3.0.

Intoxilyzer - Alcohol Analyzer

Model 8000

09/11/2019

SN 80-001420

11:19:37

Auto Calibration:

Max Power Res Value = 36

Auto Range Res Value = 25

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 1283, Sum Io = 1349

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.1110 (-0.0160)

Sample #2 = 0.0840 (-0.0170)

Sample #3 = 0.0970 (-0.0370)

Sample #4 = 0.0820 (-0.0340)

Avg % Abs = 0.0877 (-0.0293)

STD DEV = 0.0081 (-0.0108)

REL STD DEV = 9.290 (36.770)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0950 (-0.0070)

Sample #2 = 0.0860 (-0.0140)

Sample #3 = 0.0920 (-0.0040)

Sample #4 = 0.0790 (-0.0020)

Avg % Abs = 0.0863 (-0.0027)

STD DEV = 0.0067 (-0.0099)

REL STD DEV = 7.712 (369.966)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 1282, Sum Io = 1348

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.7980 (-0.0190)

Sample #2 = 0.8250 (-0.0050)

Sample #3 = 0.8240 (-0.0130)

Sample #4 = 0.7970 (-0.0060)

Avg % Abs = 0.8153 (-0.0040)

STD DEV = 0.0000

REL STD

Sample % Abs (% Abs Ref)

Sample #1 = 1.5310 (-0.0070)

Sample #2 = 1.5170 (-0.0010)

Sample #3 = 1.5480 (-0.0150)

Sample #4 = 1.5380 (-0.0010)

Avg % Abs = 1.5343 (-0.0043)

STD DEV = 0.0158 (-0.0092)

REL STD DEV = 1.031 (213.175)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 1282, Sum Io = 1349

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.9110 (-0.0190)

Sample #2 = 1.8870 (-0.0050)

Sample #3 = 1.9020 (-0.0100)

Sample #4 = 1.8840 (-0.0000)

Avg % Abs = 1.8910 (-0.0017)

STD DEV = 0.0096 (-0.0076)

REL STD DEV = 0.510 (458.258)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.6320 (-0.0020)

Sample #2 = 3.6170 (-0.0180)

Sample #3 = 3.6380 (-0.0020)

Sample #4 = 3.6240 (-0.0110)

Avg % Abs = 3.6263 (-0.0103)

STD DEV = 0.0107 (-0.0080)

REL STD DEV = 0.295 (77.621)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 1282, Sum Io = 1345

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.5770 (-0.0040)

Sample #2 = 3.5930 (-0.0330)

Sample #3 = 3.6180 (-0.0330)

Sample #4 = 3.6270 (-0.0380)

Avg % Abs = 3.6127 (-0.0347)

STD DEV = 0.0000

REL STD

***** CHANNEL 1 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.088

Std Dev = 0.01 Rel Std Dev = 9.29

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.815

Std Dev = 0.02 Rel Std Dev = 1.95

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.891

Std Dev = 0.01 Rel Std Dev = 0.51

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.613

Std Dev = 0.02 Rel Std Dev = 0.49

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 5.266

Std Dev = 0.01 Rel Std Dev = 0.19

Zero Order Coef = -222.53

First Order Coef = 2572.63

Second Order Coef = 34.60

Standard Deviation = 4.293517

***** CHANNEL 2 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.086

Std Dev = 0.01 Rel Std Dev = 7.71

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.534

Std Dev = 0.02 Rel Std Dev = 1.03

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.626

Std Dev = 0.01 Rel Std Dev = 0.29

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.893

Std Dev = 0.02 Rel Std Dev = 0.26

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.964

Std Dev = 0.01 Rel Std Dev = 0.07

Zero Order Coef = -112.21

First Order Coef = 1289.26

Second Order Coef = 15.54

Star

5112

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1017

3 um H2O Adjust (mg/l*10,000) = 691

9 um H2O Adjust (mg/l*10,000) = 459

***** AUTO CAL PASS

CAL-ADJUSTMENT
#80-001420 SP

Don BK 10/4/19

Stability Checks # 80-001420

ORANGE COUNTY S.O.
Intoxilyzer - Alconol Analyzer
Model 8000
09/17/2019
Software: 8100.27

SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:32
Control Test	0.050	12:32
Air Blank	0.000	12:33
Control Test	0.049	12:34
Air Blank	0.000	12:34
Control Test	0.049	12:35
Air Blank	0.000	12:35
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alconol Analyzer
Model 8000
09/17/2019
Software: 8100.27

SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:37
Control Test	0.078	12:37
Air Blank	0.000	12:38
Control Test	0.079	12:39
Air Blank	0.000	12:39
Control Test	0.079	12:40
Air Blank	0.000	12:40
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alconol Analyzer
Model 8000
10/03/2019
Software: 8100.27

SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.199	12:22
Air Blank	0.000	12:22
Control Test	0.200	12:23
Air Blank	0.000	12:24
Control Test	0.200	12:24
Air Blank	0.000	12:25
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alconol Analyzer
Model 8000
09/17/2019
Software: 8100.27

SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:43
Control Test	0.083	12:44
Air Blank	0.000	12:44
Control Test	0.084	12:44
Air Blank	0.000	12:45
Control Test	0.083	12:45
Air Blank	0.000	12:46
Control Test Stats		
Average	0.0833	
Std Dev	0.0006	
Rel Std Dev(%)	0.6928	

DAS

SP

Operator's Signature

Dean BK 10/4/19

Florida Department of Law Enforcement Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.

Time of Inspection: 11:02

Date of Inspection: 10/03/2019

Serial Number: 80-001420

Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08g/210L Test (g/210L) Lot#:_____ Exp:_____	0.20g/210L Test (g/210L) Lot#:_____ Exp:_____	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:_____ Exp:_____

Number of Simulators Used: _____

Remarks:

BYPASSED AI TO OPERATE INSTRUMENT

90007
13K
10/4/19

*N/A compliance
Not Determined.*

The above instrument complies (☒) does not comply () with Chapter 11D-8, FAC.

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

Signature and Printed Name

SHAYLA D PLATT

10/03/2019
Date

ENTERED INCORRECT
SOLUTION VALUE
FOR CAL ADJUSTMENT.
SP

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
10/03/2019 11:02:57
Auto Calibration
Max Power Res Value = 36
Auto Range Res Value = 24
**** AUTO CAL FAIL

BSM 10/4/19

ORANGE COUNTY S.O.

Intoxilyzer - Alcohol Analyzer

Model 8000

10/03/2019

Auto Calibration

Max Power Res Value = 36

Auto Range Res Value = 24

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.5210 (-0.0110)
Sample #2 = 1.5390 (-0.0200)
Sample #3 = 1.5270 (-0.0280)
Sample #4 = 1.5420 (-0.0240)
Avg % Abs = 1.5360 (-0.0240)
STD DEV = 0.0079 (-0.0040)
REL STD DEV = 0.517 (16.667)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12678, Sum Io = 13369
Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 1.8710 (-0.0160)
Sample #2 = 1.9120 (-0.0020)
Sample #3 = 1.8890 (-0.0110)
Sample #4 = 1.8800 (-0.0440)
Avg % Abs = 1.8937 (-0.0177)
STD DEV = 0.0165 (-0.0237)
REL STD DEV = 0.871 (134.228)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.5750 (-0.0000)
Sample #2 = 3.6220 (-0.0080)
Sample #3 = 3.5860 (-0.0040)
Sample #4 = 3.5830 (-0.0140)
Avg % Abs = 3.5970 (-0.0087)
STD DEV = 0.0217 (-0.0050)
REL STD DEV = 0.603 (58.076)
Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12670, Sum Io = 13369
Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6070 (-0.0190)
Sample #2 = 3.6170 (-0.0030)
Sample #3 = 3.6370 (-0.0190)
Sample #4 = 3.6180 (-0.0440)
Avg % Abs = 3.6240 (-0.0200)
STD DEV = 0.0113 (-0.0235)
REL STD DEV = 0.311 (117.580)

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8400 (-0.0020)
Sample #2 = 0.8330 (-0.0410)
Sample #3 = 0.8010 (-0.0700)
Sample #4 = 0.8520 (-0.0610)
Avg % Abs = 0.8287 (-0.0573)
STD DEV = 0.0258 (-0.0148)
REL STD DEV = 3.110 (25.890)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 6.8520 (-0.0010)
Sample #2 = 6.8620 (-0.0110)
Sample #3 = 6.8890 (-0.0220)
Sample #4 = 6.8810 (-0.0370)
Avg % Abs = 6.8840 (-0.0233)
STD DEV = 0.0044 (-0.0131)
REL STD DEV = 0.063 (55.934)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12662, Sum Io = 13363
Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 5.2560 (-0.0230)
Sample #2 = 5.2540 (-0.0030)
Sample #3 = 5.2630 (-0.0280)
Sample #4 = 5.2660 (-0.0170)
Avg % Abs = 5.2610 (-0.0140)
STD DEV = 0.0062 (-0.0157)
REL STD DEV = 0.119 (112.259)

Channel 2 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 9.9070 (-0.0150)
Sample #2 = 9.8920 (-0.0170)
Sample #3 = 9.9160 (-0.0140)
Sample #4 = 9.9110 (-0.0160)
Avg % Abs = 9.9053 (-0.0157)
STD DEV = 0.0127 (-0.0015)
REL STD DEV = 0.128 (9.750)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12670, Sum Io = 13369
Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 3.6070 (-0.0190)
Sample #2 = 3.6170 (-0.0030)
Sample #3 = 3.6370 (-0.0190)
Sample #4 = 3.6180 (-0.0440)
Avg % Abs = 3.6240 (-0.0200)
STD DEV = 0.0113 (-0.0235)
REL STD DEV = 0.311 (117.580)

Channel 1 >>>>
Sample % Abs (% Abs Ref)
Sample #1 = 0.8400 (-0.0020)
Sample #2 = 0.8330 (-0.0410)
Sample #3 = 0.8010 (-0.0700)
Sample #4 = 0.8520 (-0.0610)
Avg % Abs = 0.8287 (-0.0573)
STD DEV = 0.0258 (-0.0148)
REL STD DEV = 3.110 (25.890)

AUTO CAL DATA *****
Channel 1 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.103
Std Dev = 0.02 Rel Std Dev = 14.69
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.829
Std Dev = 0.03 Rel Std Dev = 3.11
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.894
Std Dev = 0.02 Rel Std Dev = 0.87
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.624
Std Dev = 0.01 Rel Std Dev = 0.31
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.261
Std Dev = 0.01 Rel Std Dev = 0.12
Zero Order Coef = -257.44
First Order Coef = 2574.25
Second Order Coef = 35.88
Standard Deviation = 13.682448

Channel 2 >>>>
Sol Val = 0.000 mg/l or 0.000 g/210L
% Abs = 0.109
Std Dev = 0.03 Rel Std Dev = 24.67
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.536
Std Dev = 0.01 Rel Std Dev = 0.52
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.597
Std Dev = 0.02 Rel Std Dev = 0.60
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.884
Std Dev = 0.00 Rel Std Dev = 0.06
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.906
Std Dev = 0.01 Rel Std Dev = 0.13
Zero Order Coef = -130.90
First Order Coef = 1297.17
Second Order Coef = 15.86
Standard Deviation = 18.876461

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 833
9 um H2O Adjust (mg/l*10,000) = 529
**** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0002
0.040 0.040 0.0001
0.100 0.100 0.0003
0.200 0.200 -0.0004
0.300 0.300 0.0001

Solution Stats Quadratic Fit Chan 2
Act Fit Residual
g/210L g/210L g/210L
0.000 0.000 -0.0002
0.040 0.040 0.0001
0.100 0.100 0.0005
0.200 0.201 -0.0006
0.300 0.300 0.0002

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 = 2953.00
Sample #2 = 2941.00
Sample #3 = 2941.00
Sample #4 = 3047.00
Average Result = 2976.3333
STD DEV = 61.1991
REL STD DEV = 2.056
***** CHANNEL 2
Sample #1 = 3251.00
Sample #2 = 3259.00
Sample #3 = 3278.00
Sample #4 = 3304.00
Average Result = 3280.3333
STD DEV = 22.5906
REL STD DEV = 0.689

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1014
3 um H2O Adjust (mg/l*10,000) = 833
9 um H2O Adjust (mg/l*10,000) = 529
**** AUTO CAL PASS

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Fit value = 0.3810 mg/l %%%
Samples Taken = 4, Discarded = 1
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**** AUTO CAL PASS

CAL-ADJUSTMENT
#80-001420

ADP 13K 10/4/19

Post Cal-Adjust Stability Checks #80-001420

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
10/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:12
Control Test	0.049	12:13
Air Blank	0.000	12:14
Control Test	0.048	12:14
Air Blank	0.000	12:15
Control Test	0.048	12:15
Air Blank	0.000	12:16
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
10/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:08
Control Test	0.079	12:08
Air Blank	0.000	12:09
Control Test	0.079	12:09
Air Blank	0.000	12:10
Control Test	0.079	12:11
Air Blank	0.000	12:11
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
10/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:03
Control Test	0.200	12:04
Air Blank	0.000	12:04
Control Test	0.199	12:05
Air Blank	0.000	12:05
Control Test	0.199	12:06
Air Blank	0.000	12:06
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001420
10/03/2019
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:18
Control Test	0.080	12:18
Air Blank	0.000	12:18
Control Test	0.080	12:19
Air Blank	0.000	12:19
Control Test	0.080	12:20
Air Blank	0.000	12:20
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP

Operator's Signature

QJPM YBK 10/4/19

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.
Time of Inspection: 15:06

Date of Inspection: 10/03/2019

Serial Number: 80-001420
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.049	0.080	0.200	0.081
0.000	0.048	0.080	0.201	0.081
0.000	0.049	0.080	0.200	0.081
0.000	0.048	0.079	0.200	0.081
0.000	0.048	0.079	0.201	0.081
0.000	0.048	0.079	0.201	0.081
0.000	0.048	0.079	0.201	0.081
0.000	0.049	0.079	0.201	0.081
0.000	0.048	0.079	0.200	0.081
0.000	0.049	0.079	0.201	0.081

Standard Deviations	0.0005	0.0004	0.0005	0.0000
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

OK
10/4/19

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

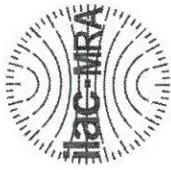
I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

10/03/2019
Date



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001420, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001420</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>10/03/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:06</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

10/03/2019

Date

Shayla Platt

SHAYLA D PLATT,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

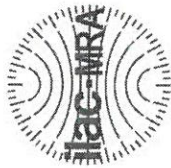
QDM
10/4/19



INSTRUMENT PROCESSING SHEET

Florida Department of
Law EnforcementAgency Orange CountyS/N 80-001420Date In 8/8/2019DI Completion Date 8/13/19☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	Performed By <u>DP</u>	Quality Checks	Performed By <u>SP</u>	Flow Calibration	Performed By																																								
☒ Annual ☐ Registration ☒ Return from CMI / EE Visual Inspection: ☒ Case ☒ Handle ☒ Keyboard ☒ Dry Gas Shelf ☒ Feet ☒ Breath Tube ☒ Ports ☒ Screws Tight Other Equipment/ Accessories: ☐ Power cord ☐ Printer Cable ☒ Static Bag ☐ 12V DC Cable Notes: _____		☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>207</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32 mm <u>.148</u> (.139 - .169) 36 mm <u>.167</u> (.156 - .190) 53 mm <u>.238</u> (.228 - .278) 103 mm <u>.507</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>26932</u> ☒ Stability Checks		Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32 mm _____ (.139 - .169) 36 mm _____ (.156 - .190) 53 mm _____ (.228 - .278) 103 mm _____ (.447 - .547)																																									
Final Release Date FDLE OCT 07 2019 Alcohol Testing Program		<table border="1"><thead><tr><th>Simulator</th><th>Serial #</th><th>Lot #/Exp</th></tr></thead><tbody><tr><td>0.050</td><td><u>SD1012</u></td><td><u>201905A</u> <u>5-14-21</u></td></tr><tr><td>0.080</td><td><u>DR1279</u></td><td><u>201905B</u> <u>5-14-21</u></td></tr><tr><td>0.200</td><td><u>SD1013</u></td><td><u>201904D</u> <u>4-30-21</u></td></tr><tr><td>0.080 DGS</td><td>N/A</td><td><u>AG916501</u> <u>6-14-21</u></td></tr></tbody></table>		Simulator	Serial #	Lot #/Exp	0.050	<u>SD1012</u>	<u>201905A</u> <u>5-14-21</u>	0.080	<u>DR1279</u>	<u>201905B</u> <u>5-14-21</u>	0.200	<u>SD1013</u>	<u>201904D</u> <u>4-30-21</u>	0.080 DGS	N/A	<u>AG916501</u> <u>6-14-21</u>	Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ Temperature Checks Performed By <u>SP</u> ☒ Lab Temp °C <u>22.2</u> External Digital Therm. ID#: <u>300505</u> ☒ 34°C ±.2 Serial #: <u>SD1012</u> ☒ 34°C ±.2 Serial #: <u>DR1279</u> ☒ 34°C ±.2 Serial #: <u>SD1013</u>																										
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Calibration Adjustment Performed By <u>SP</u> Barometric Pressure Gauge <u>1011</u> ID # <u>28927</u>		Department Inspection Performed By <u>SP</u> Barometric Pressure ID# <u>26932</u> Gauge <u>1011</u> Instrument <u>1010</u> Mouth Alcohol Solution Lot # <u>2018-B</u> Acetone Stock Solution Lot # <u>2019-A</u>																																											
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☒ Post Calibration Adjustment Stability Checks		Attachments ☒ Form 41 ☒ Post-Stability Checks ☒ Stability Checks ☐ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☒ Calibration Adjustment ☐ Other _____																																											
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Notes/Suggested Service: _____ <u>DGS used for 2nd Cal Adjust</u> <u>lot-20817080A5 Exp-10/5/19 SP</u> <u>Performed cal adjust to bring values</u> <u>closer to nominal. SP</u>		Tech Review / Date <u>8/14/19</u> <u>Brett Kirkland</u> 8/14/19 Admin Review / Date																																											



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2729 Fort Knox Blvd.
Bldg. 2, Suite 1300
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001420, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001420</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/13/2019</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>15:18</u>	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.

Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence ($k=3$).

TRACEABILITY INFORMATION

This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

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FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

08/13/2019

Date

Shayla Platt
SHAYLA D PLATT,
Department Inspector

Service • Integrity • Respect • Quality

Don
SLK
8/14/19

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.

Time of Inspection: 15:18

Date of Inspection: 08/13/2019

Serial Number: 80-001420

Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:201905A Exp: 05/14/2021	0.08g/210L Test (g/210L) Lot#:201905B Exp: 05/14/2021	0.20g/210L Test (g/210L) Lot#:201904D Exp: 04/30/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG916501 Exp: 06/14/2021
0.000	0.047	0.076	0.197	0.083
0.000	0.048	0.076	0.199	0.083
0.000	0.048	0.076	0.199	0.083
0.000	0.048	0.077	0.199	0.082
0.000	0.047	0.076	0.198	0.082
0.000	0.048	0.076	0.198	0.082
0.000	0.048	0.076	0.199	0.082
0.000	0.048	0.076	0.197	0.082
0.000	0.048	0.077	0.198	0.082
0.000	0.048	0.076	0.199	0.082

Standard Deviations	0.0004	0.0004	0.0008	0.0004
---------------------	--------	--------	--------	--------

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

13K
8/14/19

The above instrument complies (☒) does not comply (☐) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

08/13/2019
Date

Stability Checks #80-001420

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	10:05
Control Test	0.077	10:05
Air Blank	0.000	10:06
Control Test	0.077	10:06
Air Blank	0.000	10:07
Control Test	0.077	10:08
Air Blank	0.000	10:08
Control Test Stats		
Average	0.0770	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	10:00
Control Test	0.046	10:00
Air Blank	0.000	10:01
Control Test	0.045	10:02
Air Blank	0.000	10:03
Control Test	0.045	10:03
Air Blank	0.000	10:03
Control Test Stats		
Average	0.0453	
Std Dev	0.0006	
Rel Std Dev(%)	1.2736	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	10:10
Control Test	0.197	10:11
Air Blank	0.000	10:12
Control Test	0.197	10:12
Air Blank	0.000	10:13
Control Test	0.197	10:14
Air Blank	0.000	10:14
Control Test Stats		
Average	0.1970	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.078	10:16
Air Blank	0.000	10:17
Control Test	0.079	10:17
Air Blank	0.000	10:18
Control Test	0.079	10:18
Air Blank	0.000	10:18
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

DGS

SP

Operator's Signature

Room
CK 8/14/19

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.5640 (-0.0160)
 Sample #2 = 1.5660 (-0.0110)
 Sample #3 = 1.5600 (-0.0050)
 Sample #4 = 1.5570 (-0.0070)
 Avg % Abs = 1.5610 (-0.0077)
 STD DEV = 0.0046 (0.0031)
 REL STD DEV = 0.294 (39.848)

 Sol Value = 0.100 g/210L ***
 Fit Value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12812, Sum Io = 13437

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.9210 (-0.0080)
 Sample #2 = 1.9070 (0.0110)
 Sample #3 = 1.9160 (-0.0030)
 Sample #4 = 1.9130 (0.0240)
 Avg % Abs = 1.9120 (0.0107)
 STD DEV = 0.0046 (0.0135)
 REL STD DEV = 0.240 (126.591)

 Sol Value = 0.000 g/210L ***
 Fit Value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12816, Sum Io = 13440

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.6580 (-0.0120)
 Sample #2 = 3.6400 (-0.0070)
 Sample #3 = 3.6220 (-0.0040)
 Sample #4 = 3.6430 (0.0110)
 Avg % Abs = 3.6350 (-0.0000)
 STD DEV = 0.0114 (0.0096)
 REL STD DEV = 0.312 (6212874240.000)

 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12804, Sum Io = 13436

<<<< CHANNEL 1 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.6540 (-0.0210)
 Sample #2 = 3.6270 (-0.0100)
 Sample #3 = 3.6360 (0.0040)
 Sample #4 = 3.6350 (-0.0100)
 Avg % Abs = 3.6327 (-0.0053)
 STD DEV = 0.0049 (0.0081)
 REL STD DEV = 0.136 (151.554)

 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12804, Sum Io = 13436

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

<<<< CHANNEL 1 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.111
 Std Dev = 0.02 Rel Std Dev = 16.01
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.828
 Std Dev = 0.01 Rel Std Dev = 0.91
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.912
 Std Dev = 0.00 Rel Std Dev = 0.24
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.633
 Std Dev = 0.00 Rel Std Dev = 0.14
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.318
 Std Dev = 0.01 Rel Std Dev = 0.24
 Zero Order Coef = -283.68
 First Order Coef = 2600.30
 Second Order Coef = 26.36
 Standard Deviation = 16.321653

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.114
 Std Dev = 0.02 Rel Std Dev = 13.21
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.561
 Std Dev = 0.00 Rel Std Dev = 0.29
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.635
 Std Dev = 0.01 Rel Std Dev = 0.31
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.910
 Std Dev = 0.01 Rel Std Dev = 0.11
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 10.045
 Std Dev = 0.03 Rel Std Dev = 0.27
 Zero Order Coef = -160.36
 First Order Coef = 1310.62
 Second Order Coef = 12.76
 Standard Deviation = 13.636730

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.9440 (-0.0110)
 Sample #2 = 6.9160 (0.0050)
 Sample #3 = 6.9130 (0.0000)
 Sample #4 = 6.9020 (0.0030)
 Avg % Abs = 6.9103 (0.0027)
 STD DEV = 0.0074 (0.0025)
 REL STD DEV = 0.107 (94.373)

 Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12799, Sum Io = 13437

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.3830 (-0.0080)
 Sample #2 = 5.3320 (0.0060)
 Sample #3 = 5.3140 (0.0320)
 Sample #4 = 5.3070 (0.0290)
 Avg % Abs = 5.3177 (0.0223)
 STD DEV = 0.0129 (0.0142)
 REL STD DEV = 0.243 (63.691)

 Sol Value = 0.080 g/210L ***
 Fit Value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 10.1440 (0.0070)
 Sample #2 = 10.0760 (0.0190)
 Sample #3 = 10.0320 (0.0370)
 Sample #4 = 10.0270 (0.0340)
 Avg % Abs = 10.0450 (0.0300)
 STD DEV = 0.0270 (0.0096)
 REL STD DEV = 0.268 (32.146)

 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12799, Sum Io = 13437

ORANGE COUNTY S.O.
 Intoxilyzer - Alcohol Analyzer
 Model 8000
 08/13/2019
 SN 80-001420
 11:33:32
 Auto Calibration
 Max Power Res Value = 36
 Auto Range Res Value = 25

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1250 (-0.0220)
 Sample #2 = 0.1310 (0.0090)
 Sample #3 = 0.0970 (0.0270)
 Sample #4 = 0.1050 (0.0660)
 Avg % Abs = 0.1110 (0.0340)
 STD DEV = 0.0178 (0.0291)
 REL STD DEV = 16.015 (85.699)

 Sol Value = 0.000 g/210L ***
 Fit Value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12816, Sum Io = 13440

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1230 (-0.0020)
 Sample #2 = 0.1130 (0.0170)
 Sample #3 = 0.1290 (-0.0100)
 Sample #4 = 0.0990 (0.0240)
 Avg % Abs = 0.1137 (0.0103)
 STD DEV = 0.0150 (0.0180)
 REL STD DEV = 13.206 (173.745)

 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12804, Sum Io = 13436

<<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8120 (-0.0110)
 Sample #2 = 0.8190 (0.0100)
 Sample #3 = 0.8310 (0.0170)
 Sample #4 = 0.8330 (0.0260)
 Avg % Abs = 0.8277 (0.0177)
 STD DEV = 0.0076 (0.0080)
 REL STD DEV = 0.915 (45.401)

 Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12804, Sum Io = 13436

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 0.0004
 0.100 0.100 -0.0005
 0.200 0.200 0.0003
 0.300 0.300 -0.0001

Solution Stats Quadratic Fit Chan 2
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 -0.000 0.0002
 0.040 0.040 -0.0002
 0.100 0.100 -0.0002
 0.200 0.200 0.0004
 0.300 0.300 -0.0001

Sol Value = 0.080 g/210L ***
 Fit Value = 0.3810 mg/l %%%
 Samples Taken = 4, Discarded = 1
 ***** CHANNEL 1 *****
 Sample #1 = 3036.00
 Sample #2 = 3102.00
 Sample #3 = 3043.00
 Sample #4 = 3043.00
 Average Result = 3062.6667
 STD DEV = 34.0637
 REL STD DEV = 1.112
 ***** CHANNEL 2 *****
 Sample #1 = 3334.00
 Sample #2 = 3332.00
 Sample #3 = 3350.00
 Sample #4 = 3321.00
 Average Result = 3334.3333
 STD DEV = 14.6401
 REL STD DEV = 0.439

***** CHANNEL 2 *****
 Sample #1 = 3334.00
 Sample #2 = 3332.00
 Sample #3 = 3350.00
 Sample #4 = 3321.00
 Average Result = 3334.3333
 STD DEV = 14.6401
 REL STD DEV = 0.439

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 10.11
 3 um H2O Adjust (mg/l*10,000) = 747
 9 um H2O Adjust (mg/l*10,000) = 475
 ***** AUTO CAL PASS *****

CAL ADJUSTMENT
 #80-001420

Don BK 8/14/19

Post Cal-Adjust Stability Checks #80-001420

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:17
Control Test	0.049	12:17
Air Blank	0.000	12:18
Control Test	0.048	12:18
Air Blank	0.000	12:19
Control Test	0.048	12:20
Air Blank	0.000	12:20
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

SP
Operator's Signature

Adam
EK 8/14/19

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:21
Control Test	0.078	12:22
Air Blank	0.000	12:23
Control Test	0.078	12:23
Air Blank	0.000	12:24
Control Test	0.079	12:24
Air Blank	0.000	12:25
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

SP
Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.197	12:39
Air Blank	0.000	12:39
Control Test	0.196	12:40
Air Blank	0.000	12:41
Control Test	0.196	12:41
Air Blank	0.000	12:42
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

SP
Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
08/13/2019
Software: 8100.27
SN 80-001420

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.080	12:13
Air Blank	0.000	12:14
Control Test	0.079	12:14
Air Blank	0.000	12:15
Control Test	0.080	12:15
Air Blank	0.000	12:16
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

DGS

SP
Operator's Signature