



INSTRUMENT PROCESSING SHEET

Florida Department of
Law Enforcement

Agency Orange CSO

S/N 80-001418

Date In 09/14/2020 DI Completion Date 09/15/2020

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By TDG

- ☒ 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:

Quality Checks Performed By TDG

- ☒ Breath Tube Screen
☒ Replace External O-Rings
☒ Instrument Set Up Verified
☒ R-Value 215

☒ Flow Verification (L/s)

Flow Column # ATP106

32 mm 0.148 (.139 - .169)
36 mm 0.167 (.156 - .190)
53 mm 0.234 (.228 - .278)
103 mm 0.507 (.447 - .547)

☒ Barometric Pressure Check
Gauge ID # 68639

☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP4863	201905A 05/14/2021
0.080	MP4864	201905B 05/14/2021
0.200	MP5097	201904D 04/30/2021
0.080 DGS	N/A	AG003005 01/30/2022

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 TDC

☒ Lab Temp °C 22.74

External Digital Therm. ID#: 300504

☒ 34°C +-2 Serial #: MP4863

☒ 34°C +-2 Serial #: MP4864

☒ 34°C +-2 Serial #: MP5097

Final Release Date

FDLE
Alcohol
Testing
Program

Digitally signed
by FDLE Alcohol
Testing Program
Date: 2020.09.18
13:56:07 -04'00'

Calibration Adjustment

Performed By _____

Barometric Pressure Gauge _____

ID # _____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Notes/Suggested Service:

Department Inspection

Performed By MH

Barometric Pressure ID# 28199

Gauge 1015 Instrument 1016

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2019-A

Simulator	Serial Number
0.000	SD1014
Interferent	SD1015
0.050	MP4863
0.080	MP4864
0.200	MP5097

Attachments

- ☒ Form 41
☒ Stability Checks
☒ Calibration Certificate
☐ Calibration Adjustment
☐ Post-Stability Checks
☐ Flow Calibration
☐ Form 40
☐ Other _____

☒ 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

Dorail Soto 09-18-2020

Tech Review / Date

CR 2020.09.18
13:51:49 -04'00'

Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.
Time of Inspection: 12:39

Date of Inspection: 09/15/2020

Serial Number: 80-001418
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#:AG003005 Exp: 01/30/2022
0.000	0.049	0.081	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.081	0.202	0.082
0.000	0.050	0.081	0.202	0.082
0.000	0.050	0.081	0.202	0.082
0.000	0.050	0.081	0.202	0.081
0.000	0.050	0.081	0.202	0.081
0.000	0.050	0.081	0.202	0.081
0.000	0.050	0.081	0.202	0.081
0.000	0.050	0.081	0.202	0.082

Standard Deviations	0.0003	0.0003	0.0004	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5

Remarks:

DS

CR 2020.09.
18
13:52:20
-04'00'

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.

Michael D Haughey

MICHAEL D HAUGHEY
Signature and Printed Name

09/15/2020
Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001418	Orange CSO	09/15/2020	TDG <i>W</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053	0.077 to 0.083	0.194 to 0.206	0.077 to 0.083
✓	✓	✓	✓
0.003 of Wet			0.003 of Wet

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.050	09:59
Air Blank	0.000	09:59
Control Test	0.050	10:00
Air Blank	0.000	10:00
Control Test	0.050	10:01
Air Blank	0.000	10:02
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

W
Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:04
Control Test	0.082	10:05
Air Blank	0.000	10:06
Control Test	0.081	10:06
Air Blank	0.000	10:07
Control Test	0.080	10:08
Air Blank	0.000	10:08
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel. Std Dev(%)	1.2346	

W
Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:11
Control Test	0.203	10:11
Air Blank	0.000	10:12
Control Test	0.201	10:13
Air Blank	0.000	10:13
Control Test	0.200	10:14
Air Blank	0.000	10:14
Control Test Stats		
Average	0.2013	
Std Dev	0.0115	
Rel. Std Dev(%)	0.7587	

W
Operator's Signature

DGS
ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
09/15/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:16
Control Test	0.081	10:16
Air Blank	0.000	10:17
Control Test	0.081	10:17
Air Blank	0.000	10:18
Control Test	0.081	10:18
Air Blank	0.000	10:18
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel. Std Dev(%)	0.0000	

W
Operator's Signature

2020-09
.18
13:53:3
3-04'00'

Comments:



Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001418, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001418</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>09/15/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>12:39</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 ($k=3$). The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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.

FDLE/ATP Form 69 April 2020
Issuing Authority: Alcohol Testing Program

09/15/2020

Date

MICHAEL D HAUGHEY,
Department Inspector

Service • Integrity • Respect • Quality

2020.09.
18
13:54:04
-04'00'



INSTRUMENT PROCESSING SHEET

Agency Orange County Sheriff's OfficeS/N 80-001418Florida Department of
Law EnforcementDate In 04/09/2020 DI Completion Date 5/11/20 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake Performed By <u>RAW</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: _____ _____ _____	Quality Checks Performed By <u>24</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>215</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP-102</u> 32 mm <u>0.160</u> (.139 - .169) 36 mm <u>0.175</u> (.156 - .190) 53 mm <u>0.246</u> (.228 - .278) 103 mm <u>0.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28427</u> ☒ Stability Checks	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)																																																											
Final Release Date FDLE Alcohol Testing Program Digitally signed by FDLE Alcohol Testing Program Date: 2020.05.12 10:05:40 -04'00'	<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><u>MP5088</u></td> <td><u>201905A</u> <u>05-14-2021</u></td> </tr> <tr> <td>0.080</td> <td><u>MP5089</u></td> <td><u>201905B</u> <u>05-14-2021</u></td> </tr> <tr> <td>0.200</td> <td><u>MP5090</u></td> <td><u>201904D</u> <u>04-30-2021</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG931603</u> <u>11-12-2021</u></td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>MP5088</u>	<u>201905A</u> <u>05-14-2021</u>	0.080	<u>MP5089</u>	<u>201905B</u> <u>05-14-2021</u>	0.200	<u>MP5090</u>	<u>201904D</u> <u>04-30-2021</u>	0.080 DGS	N/A	<u>AG931603</u> <u>11-12-2021</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>21.12</u> External Digital Therm. ID#: <u>300502</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>1019</u> ID # <u>20932</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><u>MP5091</u></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td><u>MP5082</u></td> <td><u>19080</u></td> <td><u>3-4-21</u></td> </tr> <tr> <td>0.100</td> <td><u>MP5083</u></td> <td><u>19160</u></td> <td><u>7-9-21</u></td> </tr> <tr> <td>0.200</td> <td><u>MP5084</u></td> <td><u>19040</u></td> <td><u>1-29-21</u></td> </tr> <tr> <td>0.300</td> <td><u>MP5085</u></td> <td><u>19010</u></td> <td><u>1-3-21</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>08819080A1</u></td> <td><u>6-5-21</u></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><u>MP5088</u></td> <td><u>201905A</u></td> <td><u>5-14-21</u></td> </tr> <tr> <td>0.080</td> <td><u>MP5089</u></td> <td><u>201905B</u></td> <td><u>5-14-21</u></td> </tr> <tr> <td>0.200</td> <td><u>MP5090</u></td> <td><u>201904D</u></td> <td><u>4-30-21</u></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG931603</u></td> <td><u>11-12-21</u></td> </tr> </tbody> </table>	Simulator	Serial Number	Lot Number	Expiration	0.000	<u>MP5091</u>	N/A	N/A	0.040	<u>MP5082</u>	<u>19080</u>	<u>3-4-21</u>	0.100	<u>MP5083</u>	<u>19160</u>	<u>7-9-21</u>	0.200	<u>MP5084</u>	<u>19040</u>	<u>1-29-21</u>	0.300	<u>MP5085</u>	<u>19010</u>	<u>1-3-21</u>	0.080 DGS	N/A	<u>08819080A1</u>	<u>6-5-21</u>	Simulator	Serial Number	Lot Number	Expiration	0.050	<u>MP5088</u>	<u>201905A</u>	<u>5-14-21</u>	0.080	<u>MP5089</u>	<u>201905B</u>	<u>5-14-21</u>	0.200	<u>MP5090</u>	<u>201904D</u>	<u>4-30-21</u>	0.080 DGS	N/A	<u>AG931603</u>	<u>11-12-21</u>	Department Inspection Performed By <u>SP</u> Barometric Pressure ID# <u>28427</u> <u>1019</u> Gauge <u>1019</u> Instrument _____ Mouth Alcohol Solution Lot # <u>2019-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><u>MP5086</u></td> </tr> <tr> <td>Interferent</td> <td><u>MP5087</u></td> </tr> <tr> <td>0.050</td> <td><u>MP5088</u></td> </tr> <tr> <td>0.080</td> <td><u>MP5089</u></td> </tr> <tr> <td>0.200</td> <td><u>MP5090</u></td> </tr> </tbody> </table>	Simulator	Serial Number	0.000	<u>MP5086</u>	Interferent	<u>MP5087</u>	0.050	<u>MP5088</u>	0.080	<u>MP5089</u>	0.200	<u>MP5090</u>
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Notes/Suggested Service: _____ _____ _____ _____ _____ _____	Attachments ☒ Form 41 ☒ Post-Stability Checks ☒ Stability Checks ☐ Flow Calibration ☒ Calibration Certificate ☐ Form 40 ☒ Calibration Adjustment ☐ Other _____ ☒ 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 2020.05.12 <u>Michael D. Hughes</u> 09:01:39 -04'00' 2020.05.12 <u>Brett Kirkland</u> 10:01:11 -04'00' Tech Review / Date 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 80-001418, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001418</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>ORANGE COUNTY S.O.</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>05/11/2020</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>11:40</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 ($k=3$).

The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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 April 2020

Issuing Authority: Alcohol Testing Program

05/11/2020

Date

SHAYLA D PLATT,
Department Inspector

Service • Integrity • Respect • Quality

Page 1 of 1

2020.05.
12
10:01:54
-04'00'

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: ORANGE COUNTY S.O.

Time of Inspection: 11:40

Date of Inspection: 05/11/2020

Serial Number: 80-001418

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#:AG931603 Exp: 11/12/2021	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG931603 Exp: 11/12/2021
0.000	0.050	0.080	0.000 / 0.202	0.080
0.000	0.050	0.080	0.000 / 0.201	0.079
0.000	0.050	0.080	0.000 / 0.201	0.079
0.000	0.050	0.080	0.000 / 0.201	0.079
0.000	0.050	0.081	0.000 / 0.201	0.080
0.000	0.050	0.080	0.202 / 0.201	0.079
0.000	0.051	0.081	0.202 / 0.202	0.078
0.000	0.051	0.081	0.203 / 0.201	0.079
0.000	0.051	0.081	0.202 / 0.201	0.079
0.000	0.051	0.081	0.202 / 0.201	0.078

Standard Deviations	0.0005	0.0005	0.1065 / 0.0004	0.0006
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

20: Control Outside Tolerance SIM NOT ATTACHED PROPERLY

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

05/11/2020
Date

M4

BK²
2020.05.1
10:02:29
-0400

Stability Checks

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
04/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.048	10:09
Air Blank	0.000	10:09
Control Test	0.047	10:10
Air Blank	0.000	10:11
Control Test	0.046	10:11
Air Blank	0.000	10:12
Control Test Stats		
Average	0.0470	
Std Dev	0.0010	
Rel Std Dev(%)	2.1277	

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
04/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:13
Control Test	0.078	10:14
Air Blank	0.000	10:14
Control Test	0.077	10:15
Air Blank	0.000	10:15
Control Test	0.077	10:16
Air Blank	0.000	10:17
Control Test Stats		
Average	0.0773	
Std Dev	0.0006	
Rel Std Dev(%)	0.7466	

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
04/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:18
Control Test	0.199	10:18
Air Blank	0.000	10:19
Control Test	0.198	10:20
Air Blank	0.000	10:20
Control Test	0.198	10:21
Air Blank	0.000	10:21
Control Test Stats		
Average	0.1983	
Std Dev	0.0006	
Rel Std Dev(%)	0.2911	

wet



Operator's Signature



Operator's Signature



Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001418
04/14/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:22
Control Test	0.079	10:22
Air Blank	0.000	10:23
Control Test	0.079	10:23
Air Blank	0.000	10:24
Control Test	0.079	10:24
Air Blank	0.000	10:25
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Dry



Operator's Signature



2020.05.
12
BK 10:03:13
-04'00"

ORANGE COUNTY S.O.

Intoxilyzer - Alcohol Analyzer

Model 8000

05/11/2020

SN 80-001418

08:29:44

Auto Calibration

Max Power Res Value = 105

Auto Range Res Value = 53

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12409, Sum Io = 13873

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.1870 (-0.0020)

Sample #2 = 0.1620 (0.0390)

Sample #3 = 0.1810 (0.0600)

Sample #4 = 0.1420 (0.1310)

Avg % Abs = 0.1617 (0.0767)

STD DEV = 0.0195 (0.0482)

REL STD DEV = 12.063 (62.884)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.3350 (-0.0040)

Sample #2 = 0.3090 (0.0290)

Sample #3 = 0.3080 (0.0420)

Sample #4 = 0.3140 (0.0430)

Avg % Abs = 0.3103 (0.0380)

STD DEV = 0.0032 (0.0078)

REL STD DEV = 1.036 (20.553)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12389, Sum Io = 13864

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 0.9160 (-0.0180)

Sample #2 = 0.8910 (0.0370)

Sample #3 = 0.8900 (0.0600)

Sample #4 = 0.8700 (0.1060)

Avg % Abs = 0.8837 (0.0763)

STD DEV = 0.0118 (0.0355)

REL STD DEV = 1.341 (46.508)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 1.7520 (0.0000)

Sample #2 = 1.7400 (0.0160)

Sample #3 = 1.7400 (0.0450)

Sample #4 = 1.7200 (0.0660)

Avg % Abs = 1.7333 (0.0423)

STD DEV = 0.0115 (0.0251)

REL STD DEV = 0.666 (59.307)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12373, Sum Io = 13556

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 1.9410 (-0.0100)

Sample #2 = 1.9440 (0.0460)

Sample #3 = 1.9510 (0.0590)

Sample #4 = 1.9880 (0.0640)

Avg % Abs = 1.9643 (0.0563)

STD DEV = 0.0222 (0.0093)

REL STD DEV = 1.130 (16.494)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 3.8160 (-0.0160)

Sample #2 = 3.7930 (0.0390)

Sample #3 = 3.7830 (0.0560)

Sample #4 = 3.7820 (0.0570)

Avg % Abs = 3.7860 (0.0507)

STD DEV = 0.0061 (0.0101)

REL STD DEV = 0.161 (19.966)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12363, Sum Io = 13851

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 3.7020 (-0.0200)

Sample #2 = 3.6650 (0.0590)

Sample #3 = 3.6790 (0.0820)

Sample #4 = 3.7010 (0.0700)

Avg % Abs = 3.6830 (0.0703)

STD DEV = 0.0164 (0.0115)

REL STD DEV = 0.444 (16.356)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 7.1680 (-0.0140)

Sample #2 = 7.1050 (0.0780)

Sample #3 = 7.1020 (0.0960)

Sample #4 = 7.0580 (0.0990)

Avg % Abs = 7.1017 (0.0910)

STD DEV = 0.0035 (0.0114)

REL STD DEV = 0.049 (12.481)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12354, Sum Io = 13845

**** CHANNEL 1 ****

Sample % Abs (% Abs Ref)

Sample #1 = 5.3720 (-0.0140)

Sample #2 = 5.3020 (0.0910)

Sample #3 = 5.3230 (0.1080)

Sample #4 = 5.3180 (0.1130)

Avg % Abs = 5.3143 (0.1040)

STD DEV = 0.0110 (0.0115)

REL STD DEV = 0.205 (11.089)

**** CHANNEL 2 ****

Sample % Abs (% Abs Ref)

Sample #1 = 10.2460 (-0.0120)

Sample #2 = 10.1480 (0.0810)

Sample #3 = 10.1460 (0.1100)

Sample #4 = 10.1710 (0.0990)

Avg % Abs = 10.1550 (0.0967)

STD DEV = 0.0139 (0.0146)

REL STD DEV = 0.137 (15.145)

**** AUTO CAL DATA ****

**** CHANNEL 1 ****

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

% Abs = 0.162

Std Dev = 0.02 Rel Std Dev = 12.06

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

% Abs = 0.884

Std Dev = 0.01 Rel Std Dev = 1.34

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

% Abs = 1.964

Std Dev = 0.02 Rel Std Dev = 1.13

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

% Abs = 3.683

Std Dev = 0.02 Rel Std Dev = 0.44

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

% Abs = 5.314

Std Dev = 0.01 Rel Std Dev = 0.21

Zero Order Coef = -399.74

First Order Coef = 2549.55

Second Order Coef = 40.07

Standard Deviation = 13.364453

**** CHANNEL 2 ****

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

% Abs = 0.310

Std Dev = 0.00 Rel Std Dev = 1.04

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

% Abs = 1.733

Std Dev = 0.01 Rel Std Dev = 0.67

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

% Abs = 3.786

Std Dev = 0.01 Rel Std Dev = 0.16

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

% Abs = 7.102

Std Dev = 0.00 Rel Std Dev = 0.05

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

% Abs = 10.155

Std Dev = 0.01 Rel Std Dev = 0.14

Zero Order Coef = -394.23

First Order Coef = 1300.51

Second Order Coef = 14.17

Standard Deviation = 23.298820

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

% Abs = 0.162

Std Dev = 0.02 Rel Std Dev = 12.06

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

% Abs = 0.884

Std Dev = 0.01 Rel Std Dev = 1.34

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

% Abs = 1.964

Std Dev = 0.02 Rel Std Dev = 1.13

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

% Abs = 3.683

Std Dev = 0.02 Rel Std Dev = 0.44

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

% Abs = 5.314

Std Dev = 0.01 Rel Std Dev = 0.21

Zero Order Coef = -399.74

First Order Coef = 2549.55

Second Order Coef = 40.07

Standard Deviation = 13.364453

**** CHANNEL 2 ****

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

% Abs = 0.310

Std Dev = 0.00 Rel Std Dev = 1.04

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

% Abs = 1.733

Std Dev = 0.01 Rel Std Dev = 0.67

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

% Abs = 3.786

Std Dev = 0.01 Rel Std Dev = 0.16

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

% Abs = 7.102

Std Dev = 0.00 Rel Std Dev = 0.05

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

% Abs = 10.155

Std Dev = 0.01 Rel Std Dev = 0.14

Zero Order Coef = -394.23

First Order Coef = 1300.51

Second Order Coef = 14.17

Standard Deviation = 23.298820

Solution Stats Quadratic Fit Chan 1

Act Fit

g/210L g/210L

0.000 0.000

0.040 0.040

0.100 0.100

0.200 0.200

0.300 0.300

Solution Stats Quadratic Fit Chan 2

Act Fit

g/210L g/210L

0.000 0.000

0.040 0.040

0.100 0.099

0.200 0.201

0.300 0.300

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

**** CHANNEL 1 ****

Sample #1 = 2892.00

Sample #2 = 2983.00

Sample #3 = 2954.00

Sample #4 = 2933.00

Average Result = 2956.6667

STD DEV = 25.1064

REL STD DEV = 0.849

**** CHANNEL 2 ****

Sample #1 = 3051.00

Sample #2 = 3038.00

Sample #3 = 3079.00

Sample #4 = 3055.00

Average Result = 3057.3333

STD DEV = 20.5994

REL STD DEV = 0.674

**** CHANNEL 1 ****

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1019

3 um H2O Adjust (mg/l*10,000) = 853

9 um H2O Adjust (mg/l*10,000) = 752

**** AUTO CAL PASS ****

2020.05.
12
10:03:49
-04007

BK

My

CAL ADJUSTMENT

#80-001418

8

Post Cal Adjust Stability Checks #80-001418

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
05/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:28
Control Test	0.048	09:29
Air Blank	0.000	09:29
Control Test	0.050	09:30
Air Blank	0.000	09:31
Control Test	0.049	09:31
Air Blank	0.000	09:32
Control Test Stats		
Average	0.0490	
Std Dev	0.0010	
Rel Std Dev(%)	2.0408	


Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
05/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.080	09:34
Air Blank	0.000	09:35
Control Test	0.079	09:35
Air Blank	0.000	09:36
Control Test	0.079	09:37
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0793	
Std Dev	0.0006	
Rel Std Dev(%)	0.7277	


Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
05/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:23
Control Test	0.203	09:24
Air Blank	0.000	09:25
Control Test	0.201	09:25
Air Blank	0.000	09:26
Control Test	0.201	09:27
Air Blank	0.000	09:27
Control Test Stats		
Average	0.2017	
Std Dev	0.0012	
Rel Std Dev(%)	0.5726	


Operator's Signature

ORANGE COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model 8000
05/11/2020
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:43
Control Test	0.080	09:43
Air Blank	0.000	09:44
Control Test	0.081	09:44
Air Blank	0.000	09:44
Control Test	0.080	09:45
Air Blank	0.000	09:45
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	


Operator's Signature