



INSTRUMENT PROCESSING SHEET

Agency Osceola Corrections

S/N 80-000968

Florida Department of
Law Enforcement

Date In 7/13/2021 DI Completion Date 7/14/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake 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 By <u>RAW</u> Date <u>07/14/21</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>161</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP105</u> 32 mm <u>.152</u> (.139 - .169) 36 mm <u>.171</u> (.156 - .190) 53 mm <u>.242</u> (.228 - .278) 103 mm <u>.515</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>26932</u> ☒ 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>MP5088</td> <td>202010A 10/05/22</td> </tr> <tr> <td>0.080</td> <td>MP5089</td> <td>202010B 10/05/22</td> </tr> <tr> <td>0.200</td> <td>MP5090</td> <td>202010D 10/06/22</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG011102 04/20/22</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	MP5088	202010A 10/05/22	0.080	MP5089	202010B 10/05/22	0.200	MP5090	202010D 10/06/22	0.080 DGS	N/A	AG011102 04/20/22	Flow Calibration By _____ Date _____ 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 By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____ DI Temp. Checks By <u>RAW</u> ☒ Lab Temp °C <u>22.26</u> External Digital Therm. ID#: <u>569598</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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Simulator	Serial #	Lot #	Expiration																																																										
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA CORRECTIONS
Time of Inspection: 11:18

Date of Inspection: 07/14/2021

Serial Number: 80-000968
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG011102 Exp: 04/20/2022
0.000	0.049	0.080	0.200	0.078
0.000	0.050	0.080	0.200	0.078
0.000	0.049	0.080	0.201	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.201	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.049	0.080	0.200	0.079
0.000	0.050	0.080	0.200	0.079
0.000	0.049	0.080	0.201	0.079
Standard Deviations	0.0005	0.0000	0.0005	0.0004

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

Remarks:

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.



RICHARD A WILLIAMS

Signature and Printed Name

07/14/2021
Date

OSCEOLA CORRELATIONS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000968
07/14/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:02
Control Test	0.049	09:03
Air Blank	0.000	09:04
Control Test	0.048	09:04
Air Blank	0.000	09:05
Control Test	0.048	09:05
Air Blank	0.000	09:06
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

0.05

RAW

Operator's Signature

OSCEOLA CORRELATIONS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000968
07/14/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:07
Control Test	0.079	09:08
Air Blank	0.000	09:08
Control Test	0.078	09:09
Air Blank	0.000	09:10
Control Test	0.078	09:10
Air Blank	0.000	09:11
Control Test Stats		
Average	0.0783	
Std Dev	0.0006	
Rel Std Dev(%)	0.7370	

0.08
wet

RAW

Operator's Signature

OSCEOLA CORRELATIONS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000968
07/14/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:12
Control Test	0.200	09:13
Air Blank	0.000	09:13
Control Test	0.199	09:14
Air Blank	0.000	09:14
Control Test	0.199	09:15
Air Blank	0.000	09:16
Control Test Stats		
Average	0.1993	
Std Dev	0.0006	
Rel Std Dev(%)	0.2896	

0.20

RAW

Operator's Signature

OSCEOLA CORRELATIONS
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000968
07/14/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:20
Control Test	0.078	09:20
Air Blank	0.000	09:21
Control Test	0.079	09:21
Air Blank	0.000	09:21
Control Test	0.079	09:22
Air Blank	0.000	09:22
Control Test Stats		
Average	0.0787	
Std Dev	0.0006	
Rel Std Dev(%)	0.7339	

0.08
DGS

RAW

Operator's Signature

Stability Checks

80-000968

7/14/21

RAW



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 80-000968, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000968</u>	UNCERTAINTY* $\pm$
Owning Agency:	<u>OSCEOLA CORRECTIONS</u>	0.050 g/ 210 L 0.005
Calibration Date:	<u>07/14/2021</u>	0.080 g/ 210 L 0.004
Calibration Time:	<u>11:18</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 ($k=3$).

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.

Digitally signed by Richard A Williams
Date: 2021.07.16 10:39:07 -04'00'

Richard A Williams

07/14/2021

Date

RICHARD A WILLIAMS,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality



INSTRUMENT PROCESSING SHEET

Agency Osceola CorrectionsS/N 80-000968Florida Department of
Law EnforcementDate In 4/28/2021 DI Completion Date 5/17/2021☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By DERR	Quality Checks	By DER	Date 4/28/2021	Flow Calibration	By	Date																																						
☒ 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>162</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP104</u> 32 mm <u>0.144</u> (.139 - .169) 36 mm <u>0.167</u> (.156 - .190) 53 mm <u>0.234</u> (.228 - .278) 103 mm <u>0.500</u> (.447 - .547) ☒ Barometric Pressure Check Gauge ID # <u>28663</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)																																								
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Notes/Suggested Service: <u>Optical calibration to bring values closer to nominal. DERR</u> _____ _____ _____ _____ _____ _____ _____ _____ _____		Taylor Gutschow Digitally signed by Taylor Gutschow Date: 2021.05.17 15:13:15 +0400 <u>2021.05.19 11:32:55 -0400</u> Tech Review / Date Admin Review / Date																																											



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 80-000968, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000968</u>	UNCERTAINTY* $\pm$	
Owning Agency:	<u>OSCEOLA CORRECTIONS</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>05/17/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:28</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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05/17/2021

Date

David E Reyes-Rivera
DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2021

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Page 1 of 1

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: OSCEOLA CORRECTIONS
Time of Inspection: 13:28

Date of Inspection: 05/17/2021

Serial Number: 80-000968
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#: 202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#: 202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#: 202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: AG026705 Exp: 09/23/2022
0.000	0.048	0.078	0.194	0.082
0.000	0.050	0.079	0.196	0.080
0.000	0.049	0.080	0.197	0.080
0.000	0.050	0.079	0.197	0.081
0.000	0.049	0.079	0.198	0.081
0.000	0.049	0.080	0.196	0.081
0.000	0.049	0.080	0.196	0.081
0.000	0.049	0.079	0.196	0.081
0.000	0.049	0.079	0.196	0.080
0.000	0.049	0.079	0.196	0.079

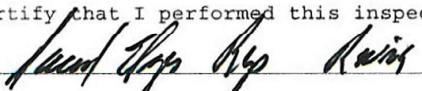
Standard Deviations	0.0005	0.0006	0.0010	0.0008
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0007 Number of Simulators Used: 5

Remarks:

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.

 DAVID E REYES-RIVERA
Signature and Printed Name

05/17/2021
Date

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-000968	Osceola Corrections	5/17/2021	DERR <i>DLA</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
0.047 to 0.053 OSCEOLA CORRECTIONS Intoxilyzer - Alcohol Analyzer Model 8000 05/17/2021 Software: 8100.27 SN 80-000568 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>10:32</td></tr><tr><td>Control Test</td><td>0.049</td><td>10:32</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:33</td></tr><tr><td>Control Test</td><td>0.049</td><td>10:33</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:34</td></tr><tr><td>Control Test</td><td>0.049</td><td>10:35</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:35</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0490</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></tbody></table> DLA Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:32	Control Test	0.049	10:32	Air Blank	0.000	10:33	Control Test	0.049	10:33	Air Blank	0.000	10:34	Control Test	0.049	10:35	Air Blank	0.000	10:35	Control Test Stats			Average	0.0490		Std Dev	0.0000		Rel Std Dev(%)	0.0000		0.077 to 0.083 OSCEOLA CORRECTIONS Intoxilyzer - Alcohol Analyzer Model 8000 05/17/2021 Software: 8100.27 SN 80-000968 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>10:42</td></tr><tr><td>Control Test</td><td>0.080</td><td>10:42</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:43</td></tr><tr><td>Control Test</td><td>0.080</td><td>10:43</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:44</td></tr><tr><td>Control Test</td><td>0.080</td><td>10:45</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:45</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0800</td><td></td></tr><tr><td>Std Dev</td><td>0.0000</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.0000</td><td></td></tr></tbody></table> DLA Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:42	Control Test	0.080	10:42	Air Blank	0.000	10:43	Control Test	0.080	10:43	Air Blank	0.000	10:44	Control Test	0.080	10:45	Air Blank	0.000	10:45	Control Test Stats			Average	0.0800		Std Dev	0.0000		Rel Std Dev(%)	0.0000		0.194 to 0.206 OSCEOLA CORRECTIONS Intoxilyzer - Alcohol Analyzer Model 8000 05/17/2021 Software: 8100.27 SN 80-000968 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>10:47</td></tr><tr><td>Control Test</td><td>0.195</td><td>10:47</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:48</td></tr><tr><td>Control Test</td><td>0.195</td><td>10:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:49</td></tr><tr><td>Control Test</td><td>0.196</td><td>10:50</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:50</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1953</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2956</td><td></td></tr></tbody></table> DLA Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:47	Control Test	0.195	10:47	Air Blank	0.000	10:48	Control Test	0.195	10:48	Air Blank	0.000	10:49	Control Test	0.196	10:50	Air Blank	0.000	10:50	Control Test Stats			Average	0.1953		Std Dev	0.0006		Rel Std Dev(%)	0.2956		0.077 to 0.083 OSCEOLA CORRECTIONS Intoxilyzer - Alcohol Analyzer Model 8000 05/17/2021 Software: 8100.27 SN 80-000968 <table><thead><tr><th>Test</th><th>g/210L</th><th>Time</th></tr></thead><tbody><tr><td>Air Blank</td><td>0.000</td><td>10:52</td></tr><tr><td>Control Test</td><td>0.082</td><td>10:52</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:52</td></tr><tr><td>Control Test</td><td>0.081</td><td>10:53</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:53</td></tr><tr><td>Control Test</td><td>0.080</td><td>10:54</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:54</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0810</td><td></td></tr><tr><td>Std Dev</td><td>0.0010</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.2346</td><td></td></tr></tbody></table> DLA Operator's Signature	Test	g/210L	Time	Air Blank	0.000	10:52	Control Test	0.082	10:52	Air Blank	0.000	10:52	Control Test	0.081	10:53	Air Blank	0.000	10:53	Control Test	0.080	10:54	Air Blank	0.000	10:54	Control Test Stats			Average	0.0810		Std Dev	0.0010		Rel Std Dev(%)	1.2346	
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0000
 0021
 09:15:30
 SN: 80-600558
 Analyzer - Alcohol Analyzer
 CORRECTIONS

```
Iteration 1
  Error Res Value = 90
  Target Res Value = 52
  Weight = 0.000 g/2:3L ***
  Weight = 0.0000 mg/l 2.55%
  Taken = 4, Discarded = 1
  = 12464, Sum to = 13078
  <<< CHANNEL 1 >>>>>
  0.000 0.000 0.000
```

1	=	0.9300	(-0.0100)
2	=	0.1070	(0.0050)
3	=	0.1250	(0.0273)
4	=	0.1160	(0.0520)
5	=	0.1160	(0.0280)
	=	0.0090	(0.0235)
	CU =	7.759	(83.986)

```

<<< CHANNEL 2 >>>>
% ADS      (% ADS = Ref.)
#1 = 0.1230 (-0.0220)
#2 = 0.1220 (0.0003)
#3 = 0.1150 (0.0100)
#4 = 0.1030 (0.0213)
#5 = 0.1137 (0.0163)
      = 0.0097 (0.0105)
CPU = 8.505 (0.0165)

```

```

me = 0.645 g/20L 3333
me = 0.1965 mg/L 3333
taken = 4, discarded = 1
= 12457, sum 10 = 13075
<<< CHANNEL 1 >>>>
      3 ADS REF
me = 0.8780 (0.0130)

```

$$\begin{aligned} \hat{\alpha}_2 &= 0.8740 & (0.0050) \\ \hat{\alpha}_3 &= 0.8620 & (0.0230) \\ \hat{\alpha}_4 &= 0.9670 & (0.0400) \\ \hat{\alpha}_5 &= 0.8677 & (0.0240) \\ \hat{\alpha}_6 &= 0.0060 & (0.0153) \\ \text{CEU} &= 0.695 & (64.584) \end{aligned}$$

Optical Calibration
SN: 80-000968
Agency: Osceola Corrections
Date: 5/17/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR <i>[Signature]</i>

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-000968	Osceola Corrections	4/28/2021	DERR <i>MDL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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OSCEOLA CORRECTIONS

Intoxilyzer - Alcotest Analyzer
 Model 8500
 SN 60-000368
 04/28/2021
 12:14:13

Auto Calibration
 Max Power Res Value = 89
 Auto Range Res Value = 51

Sol Value = 0.000 g/210L ***
 Fit Value = 0.0000 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum to = 12469, Sum to = 13069
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.1020 (-0.0120)
 Sample #2 = 0.1040 (-0.0100)
 Sample #3 = 0.0750 (-0.0350)
 Sample #4 = 0.0860 (-0.0380)
 Avg % Abs = 0.0883 (-0.0543)
 STD DEV = 0.0146 (-0.0475)
 REL STD DEV = 16.574 (73.836)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.0730 (-0.0070)
 Sample #2 = 0.0830 (-0.0150)
 Sample #3 = 0.0590 (-0.0160)
 Sample #4 = 0.0960 (-0.0120)
 Avg % Abs = 0.0793 (-0.0070)
 STD DEV = 0.0166 (-0.0114)
 REL STD DEV = 23.660 (162.255)

Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum to = 12469, Sum to = 13069
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.0670 (-0.0090)
 Sample #2 = 0.0510 (-0.0130)
 Sample #3 = 0.0780 (-0.0500)
 Sample #4 = 0.0590 (-0.0120)
 Avg % Abs = 0.0660 (-0.0540)
 STD DEV = 0.0137 (-0.0267)
 REL STD DEV = 1.587 (38.267)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.5060 (-0.0110)
 Sample #2 = 1.5390 (-0.0120)
 Sample #3 = 1.5340 (-0.0240)
 Sample #4 = 1.5560 (-0.0180)
 Avg % Abs = 1.5433 (-0.0180)
 STD DEV = 0.0115 (-0.0060)
 REL STD DEV = 0.747 (33.333)

Sol Value = 0.100 g/210L ***
 Fit Value = 0.4752 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum to = 12453, Sum to = 13077
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9440 (-0.0010)
 Sample #2 = 1.9520 (-0.0130)
 Sample #3 = 1.9490 (-0.0070)
 Sample #4 = 1.9220 (-0.0210)
 Avg % Abs = 1.9433 (-0.0137)
 STD DEV = 0.0204 (-0.0070)
 REL STD DEV = 1.049 (51.393)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5990 (-0.0110)
 Sample #2 = 3.5920 (-0.0040)
 Sample #3 = 3.5350 (-0.0010)
 Sample #4 = 3.5030 (-0.0210)
 Avg % Abs = 3.5437 (-0.0060)
 STD DEV = 0.0450 (-0.0132)
 REL STD DEV = 1.270 (220.479)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum to = 12449, Sum to = 13074
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.7550 (-0.0040)
 Sample #2 = 3.7470 (-0.0120)
 Sample #3 = 3.7210 (-0.0150)
 Sample #4 = 3.7430 (-0.0250)
 Avg % Abs = 3.7367 (-0.0240)
 STD DEV = 0.0146 (-0.0182)
 REL STD DEV = 0.350 (76.035)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.8200 (-0.0050)
 Sample #2 = 6.8190 (-0.0030)
 Sample #3 = 6.7910 (-0.0110)
 Sample #4 = 6.8190 (-0.0160)
 Avg % Abs = 6.8097 (-0.0100)
 STD DEV = 0.0162 (-0.0066)
 REL STD DEV = 0.237 (65.574)

Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l ****
 Samples Taken = 4, Discarded = 1
 Sum to = 12441, Sum to = 13079
 <<<< CHANNEL 1 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.4050 (-0.0040)
 Sample #2 = 5.4320 (-0.0230)
 Sample #3 = 5.4380 (-0.0000)
 Sample #4 = 5.4390 (-0.0040)
 Avg % Abs = 5.4363 (-0.0096)
 STD DEV = 0.0038 (-0.0123)
 REL STD DEV = 0.070 (135.536)

<<<< CHANNEL 2 >>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 9.0600 (-0.0150)
 Sample #2 = 9.0420 (-0.0070)
 Sample #3 = 9.0360 (-0.0030)
 Sample #4 = 9.0350 (-0.0060)
 Avg % Abs = 9.0350 (-0.0007)
 STD DEV = 0.0044 (-0.0058)
 REL STD DEV = 0.044 (1021.029)

Optical Calibration
 SN: 80-000968
 Agency: Osceola Corrections
 Date: 4/28/2021
 Quadratic Fit: +/- 0.002g/210L
 BY: DERR

***** AUTO CAL DATA *****
 <<<< CHANNEL 1 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.000
 Std Dev = 0.01 Rel Std Dev = 16.57
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.885
 Std Dev = 0.01 Rel Std Dev = 1.59
 Sol Val = 0.4752 mg/l or 0.100 g/210L
 % Abs = 1.944
 Std Dev = 0.02 Rel Std Dev = 1.05
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.737
 Std Dev = 0.01 Rel Std Dev = 1.035
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.436
 Std Dev = 0.00 Rel Std Dev = 0.07
 Zero Order Coef = 237.17
 First Order Coef = 2490.66
 Second Order Coef = 33.28
 Standard Deviation = 27.025010

<<<< CHANNEL 2 >>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.079
 Std Dev = 0.02 Rel Std Dev = 23.66
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.543
 Std Dev = 0.01 Rel Std Dev = 0.75
 Sol Val = 0.4752 mg/l or 0.100 g/210L
 % Abs = 3.544
 Std Dev = 0.04 Rel Std Dev = 1.27
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.810
 Std Dev = 0.02 Rel Std Dev = 0.24
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.838
 Std Dev = 0.00 Rel Std Dev = 0.04
 Zero Order Coef = -120.18
 First Order Coef = 1314.40
 Second Order Coef = 15.21
 Standard Deviation = 27.656782

***** CHANNEL 1 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1017
 3 um H2O Adjust (mg/l x 0.000) = 579
 9 um H2O Adjust (mg/l x 0.000) = 277
 **** AUTO CAL PASS

***** CHANNEL 2 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1017
 3 um H2O Adjust (mg/l x 0.000) = 579
 9 um H2O Adjust (mg/l x 0.000) = 277
 **** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1
 Acc Fit Residual
 0.000 -0.000 0.0004
 0.040 0.041 -0.0008
 0.100 0.099 0.0006
 0.200 0.200 -0.0002
 0.300 0.300 0.0000

Solution Stats Quadratic Fit Chan 2
 Acc Fit Residual
 0.000 -0.000 0.0003
 0.040 0.041 -0.0002
 0.100 0.099 0.0007
 0.200 0.200 -0.0003
 0.300 0.300 0.0001

Sol Value = 0.000 g/210L ***
 Fit Value = 0.3810 mg/l ****
 Samples Taken = 4, Discarded = 1
 <<<< CHANNEL 1 >>>>
 Sample #1 = 3323.60
 Sample #2 = 3274.00
 Sample #3 = 3196.00
 Sample #4 = 3221.00
 Average Result = 3230.3333
 STD DEV = 39.8258
 REL STD DEV = 1.233

***** CHANNEL 2 *****
 Sample #1 = 3541.00
 Sample #2 = 3551.00
 Sample #3 = 3516.00
 Sample #4 = 3525.00
 Average Result = 3532.0000
 STD DEV = 17.6518
 REL STD DEV = 0.501

***** CHANNEL 1 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1017
 3 um H2O Adjust (mg/l x 0.000) = 579
 9 um H2O Adjust (mg/l x 0.000) = 277
 **** AUTO CAL PASS

***** CHANNEL 2 *****
 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1017
 3 um H2O Adjust (mg/l x 0.000) = 579
 9 um H2O Adjust (mg/l x 0.000) = 277
 **** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1
 Acc Fit Residual
 0.000 -0.000 0.0004
 0.040 0.041 -0.0008
 0.100 0.099 0.0006
 0.200 0.200 -0.0002
 0.300 0.300 0.0000

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000968	Osceola Corrections	4/28/2021	DERR <i>[Signature]</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 ☒
OSCEOLA CORRECTIONS Intoxilyzer - Alconol Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-000968	OSCEOLA CORRECTIONS Intoxilyzer - Alconol Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-000968	OSCEOLA CORRECTIONS Intoxilyzer - Alconol Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-000968	OSCEOLA CORRECTIONS Intoxilyzer - Alconol Analyzer Model 8000 04/28/2021 Software: 8100.27 SN 80-000968
Test g/210L Time Air Blank 0.000 11:50 Control Test 0.043 11:51 Air Blank 0.000 11:51 Control Test 0.050 11:52 Air Blank 0.000 11:53 Control Test 0.045 11:53 Air Blank 0.000 11:54 Control Test Stats Average 0.049 Std Dev 0.0010 Rel Std Dev(%) 2.0408	Test g/210L Time Air Blank 0.000 11:55 Control Test 0.079 11:56 Air Blank 0.000 11:57 Control Test 0.079 11:57 Air Blank 0.000 11:58 Control Test 0.080 11:58 Air Blank 0.000 11:59 Control Test Stats Average 0.0793 Std Dev 0.0006 Rel Std Dev(%) 0.7277	Test g/210L Time Air Blank 0.000 12:04 Control Test 0.198 12:05 Air Blank 0.000 12:05 Control Test 0.198 12:06 Air Blank 0.000 12:07 Control Test 0.198 12:07 Air Blank 0.000 12:08 Control Test Stats Average 0.1980 Std Dev 0.0000 Rel Std Dev(%) 0.0000	Test g/210L Time Air Blank 0.000 12:09 Control Test 0.083 12:10 Air Blank 0.000 12:10 Control Test 0.082 12:10 Air Blank 0.000 12:11 Control Test 0.083 12:11 Air Blank 0.000 12:12 Control Test Stats Average 0.0827 Std Dev 0.0006 Rel Std Dev(%) 0.6984
<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature	<i>[Signature]</i> Operator's Signature