



INSTRUMENT PROCESSING SHEET

Agency Polk CSO

S/N 80-001080

Florida Department of
Law Enforcement

Date In 01/13/2023 DI Completion Date 02/01/2023

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Quality Checks	By TDG	Date 01/24/2023	Flow Calibration	By	Date																														
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input type="checkbox"/> Return from CMI / EE Visual Inspection: <input checked="" type="checkbox"/> Case <input checked="" type="checkbox"/> Handle <input checked="" type="checkbox"/> Keyboard <input checked="" type="checkbox"/> Dry Gas Shelf <input checked="" type="checkbox"/> Feet <input checked="" type="checkbox"/> Breath Tube <input checked="" type="checkbox"/> Ports <input checked="" type="checkbox"/> Screws Tight Other Equipment/ Accessories: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input checked="" type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes:		<input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace External O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value 204 <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # ATP104 32 mm 0.148 (.139 - .169) 36 mm 0.164 (.156 - .190) 53 mm 0.234 (.228 - .278) 103 mm 0.492 (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # 68639 <input checked="" type="checkbox"/> Stability Checks			Flow Column # <input type="checkbox"/> 5L/min - 17mm <input type="checkbox"/> 15L/min - 53mm <input type="checkbox"/> 30L/min - 103mm <input type="checkbox"/> R-Value <input type="checkbox"/> Post Calibration 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:				<input checked="" type="checkbox"/> Instrument Complies with Chapter 11D-8, FAC <input type="checkbox"/> Instrument Does Not Comply with Chapter 11D-8, FAC <input checked="" type="checkbox"/> Return to/Place into Evidentiary Use <input type="checkbox"/> Remain Out of Evidentiary Use <input checked="" type="checkbox"/> Conduct an Agency Inspection Before Evidentiary Use																																	
				Israel Soto Digitally signed by Israel Soto Date: 2023.02.02 14:29:34 -05'00'			Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.02.06 14:12:39 -05'00'																														
				Tech Review / Date			Admin Review / Date																														

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-001080	Polk CSO	01/24/2023	TDG MG

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
✓	✗	✓	✓
<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 01/24/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:48 Control Test 0.048 11:49 Air Blank 0.000 11:49 Control Test 0.047 11:50 Air Blank 0.000 11:50 Control Test 0.047 11:51 Air Blank 0.000 11:52 Control Test Stats Average 0.0473 Std Dev 0.0006 Rel Std Dev(%) 1.2198</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 01/24/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:04 Control Test 0.076 12:05 Air Blank 0.000 12:05 Control Test 0.076 12:06 Air Blank 0.000 12:07 Control Test 0.076 12:08 Air Blank 0.000 12:08 Control Test Stats Average 0.0760 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 01/24/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 12:12 Control Test 0.198 12:13 Air Blank 0.000 12:14 Control Test 0.197 12:14 Air Blank 0.000 12:15 Control Test 0.196 12:15 Air Blank 0.000 12:16 Control Test Stats Average 0.1970 Std Dev 0.0010 Rel Std Dev(%) 0.5076</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 01/24/2023 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:39 Control Test 0.078 11:40 Air Blank 0.000 11:40 Control Test 0.078 11:40 Air Blank 0.000 11:41 Control Test 0.078 11:41 Air Blank 0.000 11:42 Control Test Stats Average 0.0780 Std Dev 0.0000 Rel Std Dev(%) 0.0000</p>
Operator's Signature	Operator's Signature	Operator's Signature	Operator's Signature

Comments: The 0.08 ARS test was below the acceptable range. Will conduct an optical cal adjustment. MG 01/24/2023

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

<<<< CHANNEL 1 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.116
 Std Dev = 0.01 Rel Std Dev = 11.21
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.775
 Std Dev = 0.00 Rel Std Dev = 0.34
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.847
 Std Dev = 0.03 Rel Std Dev = 1.77
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.509
 Std Dev = 0.00 Rel Std Dev = 0.13
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.181
 Std Dev = 0.02 Rel Std Dev = 0.45
 Zero Order Coef = -290.91
 First Order Coef = 2739.24
 Second Order Coef = 14.55
 Standard Deviation = 46.101366

<<<< CHANNEL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.147
 Std Dev = 0.02 Rel Std Dev = 14.82
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.521
 Std Dev = 0.01 Rel Std Dev = 0.44
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.578
 Std Dev = 0.01 Rel Std Dev = 0.39
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.800
 Std Dev = 0.01 Rel Std Dev = 0.16
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.849
 Std Dev = 0.01 Rel Std Dev = 0.12
 Zero Order Coef = -183.10
 First Order Coef = 1336.83
 Second Order Coef = 13.40
 Standard Deviation = 14.678327

Optical Calibration

SN:	80-001080
Agency:	Roll CSO
Date:	02/01/2023
Quadratic Fit:	+/- 0.002g/210L ✓
By:	TDG <i>TK</i>

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 6.7990 (0.0050)
 Sample #2 = 6.8040 (0.0060)
 Sample #3 = 6.7870 (0.0250)
 Sample #4 = 6.8080 (0.0340)
 Avg % Abs = 6.7997 (0.0217)
 STD DEV = 0.0112 (0.0143)
 REL STD DEV = 0.164 (65.975)

<<<< CHANNEL 1 >>>>

Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12359, Sum Io = 13208
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.2010 (-0.0100)
 Sample #2 = 5.1980 (0.0090)
 Sample #3 = 5.1540 (0.0400)
 Sample #4 = 5.1900 (0.0390)
 Avg % Abs = 5.1807 (0.0293)
 STD DEV = 0.0234 (0.0176)
 REL STD DEV = 0.452 (60.056)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 9.8860 (-0.0190)
 Sample #2 = 9.8620 (0.0220)
 Sample #3 = 9.8400 (0.0270)
 Sample #4 = 9.8440 (0.0330)
 Avg % Abs = 9.8487 (0.0273)
 STD DEV = 0.0117 (0.0055)
 REL STD DEV = 0.119 (20.150)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 1.5520 (-0.0110)
 Sample #2 = 1.5190 (0.0150)
 Sample #3 = 1.5280 (0.0180)
 Sample #4 = 1.5150 (0.0490)
 Avg % Abs = 1.5207 (0.0273)
 STD DEV = 0.0067 (0.0188)
 REL STD DEV = 0.438 (68.867)

<<<< CHANNEL 1 >>>>

Sol Value = 0.100 g/210L ***
 Fit Value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12389, Sum Io = 13222
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.8250 (-0.0090)
 Sample #2 = 1.8840 (-0.0150)
 Sample #3 = 1.8230 (0.0410)
 Sample #4 = 1.8330 (0.0630)
 Avg % Abs = 1.8467 (0.0297)
 STD DEV = 0.0327 (0.0402)
 REL STD DEV = 1.772 (135.560)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 3.5610 (-0.0090)
 Sample #2 = 3.5940 (-0.0020)
 Sample #3 = 3.5720 (0.0120)
 Sample #4 = 3.5680 (0.0320)
 Avg % Abs = 3.5780 (0.0140)
 STD DEV = 0.0140 (0.0171)
 REL STD DEV = 0.391 (122.057)

<<<< CHANNEL 1 >>>>

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12374, Sum Io = 13215
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5670 (-0.0200)
 Sample #2 = 3.5080 (0.0390)
 Sample #3 = 3.5140 (0.0600)
 Sample #4 = 3.5050 (0.0830)
 Avg % Abs = 3.5090 (0.0607)
 STD DEV = 0.0046 (0.0220)
 REL STD DEV = 0.131 (36.276)

<<<< CHANNEL 1 >>>>

Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12419, Sum Io = 13233
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8300 (-0.0170)
 Sample #2 = 0.7730 (0.0560)
 Sample #3 = 0.7740 (0.0920)
 Sample #4 = 0.7760 (0.1230)
 Avg % Abs = 0.7750 (0.0903)
 STD DEV = 0.0026 (0.0335)
 REL STD DEV = 0.341 (37.119)

<<<< CHANNEL 2 >>>>

Sample % Abs (% Abs Ref)
 Sample #1 = 0.1440 (0.0110)
 Sample #2 = 0.1550 (0.0200)
 Sample #3 = 0.1630 (0.0500)
 Sample #4 = 0.1220 (0.0680)
 Avg % Abs = 0.1467 (0.0460)
 STD DEV = 0.0217 (0.0242)
 REL STD DEV = 14.818 (52.715)

<<<< CHANNEL 1 >>>>

Sol Value = 0.040 g/210L ***
 Fit Value = 0.1905 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12419, Sum Io = 13233
 Sample % Abs (% Abs Ref)
 Sample #1 = 0.8300 (-0.0170)
 Sample #2 = 0.7730 (0.0560)
 Sample #3 = 0.7740 (0.0920)
 Sample #4 = 0.7760 (0.1230)
 Avg % Abs = 0.7750 (0.0903)
 STD DEV = 0.0026 (0.0335)
 REL STD DEV = 0.341 (37.119)

Solution Stats Quadratic Fit Chan 2

Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.000 -0.0003
 0.040 0.039 0.0005
 0.100 0.100 -0.0002
 0.200 0.200 -0.0001
 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 = 3008.00
 Sample #2 = 3054.00
 Sample #3 = 3060.00
 Sample #4 = 3035.00
 Average Result = 3049.6667
 STD DEV = 13.0512
 REL STD DEV = 0.428
 ***** CHANNEL 2 *****
 Sample #1 = 3290.00
 Sample #2 = 3325.00
 Sample #3 = 3301.00
 Sample #4 = 3314.00
 Average Result = 3313.3333
 STD DEV = 12.0139
 REL STD DEV = 0.363

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1024
 3 um H2O Adjust (mg/l*10,000) = 760
 9 um H2O Adjust (mg/l*10,000) = 496
 ***** AUTO CAL PASS *****

Solution Stats Quadratic Fit Chan 1

Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.001 -0.0006
 0.040 0.039 0.0013
 0.100 0.101 -0.0012
 0.200 0.200 0.0005
 0.300 0.300 -0.0001

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities (Bst-G1)	80-00 1080	Polk CSO	02/01/2023	TDG <i>MC</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
<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2023 Software: 8100.27</p> <p>SN 80-001080</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:25</p> <p>Control Test 0.049 10:26</p> <p>Air Blank 0.000 10:26</p> <p>Control Test 0.048 10:27</p> <p>Air Blank 0.000 10:27</p> <p>Control Test 0.048 10:28</p> <p>Air Blank 0.000 10:29</p> <p>Control Test Stats</p> <p>Average 0.0483</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 1.1945</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2023 Software: 8100.27</p> <p>SN 80-001080</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:33</p> <p>Control Test 0.077 10:34</p> <p>Air Blank 0.000 10:34</p> <p>Control Test 0.077 10:35</p> <p>Air Blank 0.000 10:35</p> <p>Control Test 0.077 10:36</p> <p>Air Blank 0.000 10:37</p> <p>Control Test Stats</p> <p>Average 0.0770</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2023 Software: 8100.27</p> <p>SN 80-001080</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:42</p> <p>Control Test 0.197 10:43</p> <p>Air Blank 0.000 10:43</p> <p>Control Test 0.198 10:44</p> <p>Air Blank 0.000 10:44</p> <p>Control Test 0.198 10:45</p> <p>Air Blank 0.000 10:46</p> <p>Control Test Stats</p> <p>Average 0.1977</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.2921</p>	<p>POLK CSO Intoxilyzer - Alcohol Analyzer Model 8000 02/01/2023 Software: 8100.27</p> <p>SN 80-001080</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 10:18</p> <p>Control Test 0.079 10:19</p> <p>Air Blank 0.000 10:19</p> <p>Control Test 0.079 10:19</p> <p>Air Blank 0.000 10:20</p> <p>Control Test 0.079 10:20</p> <p>Air Blank 0.000 10:21</p> <p>Control Test Stats</p> <p>Average 0.0790</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>
<p><i>MC</i></p> <p>Operator's Signature</p>	<p><i>MC</i></p> <p>Operator's Signature</p>	<p><i>MC</i></p> <p>Operator's Signature</p>	<p><i>MC</i></p> <p>Operator's Signature</p>

Comments:

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: POLK CSO
Time of Inspection: 13:48

Date of Inspection: 02/01/2023

Serial Number: 80-001080
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:00521080A2 Exp: 02/05/2023
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.197	0.080
0.000	0.048	0.077	0.198	0.080
0.000	0.048	0.076	0.198	0.079
0.000	0.048	0.076	0.198	0.080
0.000	0.048	0.076	0.198	0.079
0.000	0.048	0.077	0.197	0.080
0.000	0.048	0.077	0.198	0.079
0.000	0.048	0.077	0.197	0.080

Standard Deviations	0.0000	0.0004	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:

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.



TAYLOR D GUTSCHOW

Signature and Printed Name

02/01/2023
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 80-001080, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001080</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>POLK CSO</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/01/2023</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:48</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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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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TAYLOR D GUTSCHOW,
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