



Agency Indian Harbour Police Department

S/N 80-001263

Date In 05/14/2025 DI Completion Date N/A

☐ Ship ☐ P/U ☐ H/D ☒ CMI ☐ EE

## Calibration Adjustment

By TDG

## ■ Post Calibration Adjustment Stability Checks

Notes/Suggested Service: No o-ring damage noticed on initial stability checks or optical #1. Discovered o-ring damage on first post-cal stability. O-ring on simulator return port keeps ripping whenever a new simulator is attached. Unable to cal adjust instrument. Returning to CMI. (TDG 5/23/25)

Tech Review: R-value was inadvertently/irretrievably deleted during creation of Form 51 (See LAR #12661-01-ATP). R-value was >100. (TDG 6/27/25)

## Department Inspection

By \_\_\_\_\_

## Attachments

- ☒ 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**

Phil Nicodemo

Shayla Platt

Tech Review / Date

Admin Review / Date <sup>-04'00'</sup>



Florida Department of  
Law Enforcement

J. Mark Glass  
*Commissioner*

Ron DeSantis, *Governor*  
James Uthmeier, *Attorney General*  
Jimmy Patronis, *Chief Financial Officer*  
Wilton Simpson, *Commissioner of Agriculture*

Suspected post-cal stability check results may be due to unnoticed o-ring damage during the optical cal adjust. Repeated the optical using the same equipment and standards. The repeated post-cal stability checks failed. The o-ring on the simulator return port tore every time a simulator was attached during the optical/post cal stabilities and had to be replaced after every step involving a simulator. Performed root cause analysis on all failed post-cal stabilities (#1 and #2) and suspect results are due to o-ring tears. Unsure why o-rings are ripping and unable to resolve in lab. Returning to CMI for evaluation.

Taylor Gutschow

Digitally signed by Taylor  
Gutschow

Date: 2025.05.23 13:51:03 -04'00'

# Stability Checks

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
<p>0.047 to 0.053</p> <p>Performed root cause analysis. Results were not due to user error or external equipment. <b>TNL 5/19/25</b></p> <p>INDIAN HARBOUR PD Intoxilyzer - Alcohol Analyzer Model 8000 05/19/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 15:27</p> <p>Control Test 0.041 15:28</p> <p>Air Blank 0.000 15:28</p> <p>Control Test 0.041 15:29</p> <p>Air Blank 0.000 15:29</p> <p>Control Test 0.041 15:30</p> <p>Air Blank 0.000 15:31</p> <p>Control Test Stats</p> <p>Average 0.0410</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p> <p>Operator's Signature <b>TNL</b></p>	<p>0.077 to 0.083</p> <p>Performed root cause analysis. Results were not due to user error or external equipment. <b>TNL 5/19/25</b></p> <p>INDIAN HARBOUR PD Intoxilyzer - Alcohol Analyzer Model 8000 05/19/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 15:44</p> <p>Control Test 0.054 15:45</p> <p>Air Blank 0.000 15:46</p> <p>Control Test 0.053 15:46</p> <p>Air Blank 0.000 15:47</p> <p>Control Test 0.054 15:48</p> <p>Air Blank 0.000 15:48</p> <p>Control Test Stats</p> <p>Average 0.0537</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 1.0758</p> <p>Operator's Signature <b>TNL</b></p>	<p>0.194 to 0.206</p> <p>Performed root cause analysis. Results were not due to user error or external equipment. <b>TNL 5/19/25</b></p> <p>INDIAN HARBOUR PD Intoxilyzer - Alcohol Analyzer Model 8000 05/19/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 15:37</p> <p>Control Test 0.167 15:38</p> <p>Air Blank 0.000 15:38</p> <p>Control Test 0.166 15:39</p> <p>Air Blank 0.000 15:39</p> <p>Control Test 0.166 15:40</p> <p>Air Blank 0.000 15:41</p> <p>Control Test Stats</p> <p>Average 0.1663</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.3471</p> <p>Operator's Signature <b>TNL</b></p>	<p>0.077 to 0.083</p> <p>INDIAN HARBOUR PD Intoxilyzer - Alcohol Analyzer Model 8000 05/19/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 15:50</p> <p>Control Test 0.078 15:50</p> <p>Air Blank 0.000 15:51</p> <p>Control Test 0.077 15:51</p> <p>Air Blank 0.000 15:52</p> <p>Control Test 0.077 15:52</p> <p>Air Blank 0.000 15:53</p> <p>Control Test Stats</p> <p>Average 0.0773</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7466</p> <p>Operator's Signature <b>TNL</b></p>



Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0014
0.040	0.043	-0.0032
0.100	0.098	0.0019
0.200	0.200	-0.0000
0.300	0.300	-0.0001

Sol Value = 0.081 g/210L \*\*\*  
Fit Value = 0.3810 mg/l %%%  
Samples Taken = 4, Discarded = 1

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample #1 = 3962.00  
Sample #2 = 3947.00  
Sample #3 = 3981.00  
Sample #4 = 3968.00  
Average Result = 3965.3333  
STD DEV = 17.1561  
REL STD DEV = 0.433

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sample #1 = 4047.00  
Sample #2 = 4055.00  
Sample #3 = 4092.00  
Sample #4 = 4066.00  
Average Result = 4078.3333  
STD DEV = 20.3063  
REL STD DEV = 0.498

\*\*\*\*\*  
Dry Gas H2O Adjust Results \*\*\*\*\*  
Barometric Pressure = 1014  
3 um H2O Adjust (mg/l\*10,000) = -155  
9 um H2O Adjust (mg/l\*10,000) = -268  
\*\*\*\*\* AUTO CAL PASS \*\*\*\*\*

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

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.043  
Std Dev = 0.01 Rel Std Dev = 17.56  
Sol Val = 0.1905 mg/l or 0.340 g/210L  
% Abs = 0.732  
Std Dev = 0.00 Rel Std Dev = 0.32  
Sol Val = 0.4762 mg/l or 0.100 g/210L  
% Abs = 1.590  
Std Dev = 0.01 Rel Std Dev = 0.42  
Sol Val = 0.9524 mg/l or 0.200 g/210L  
% Abs = 3.119  
Std Dev = 0.01 Rel Std Dev = 0.42  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 4.565  
Std Dev = 0.01 Rel Std Dev = 0.29  
Zero Order Coef = -185.49  
First Order Coef = 2999.79  
Second Order Coef = 37.39  
Standard Deviation = 80.735511

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*  
Sol Val = 0.0000 mg/l or 0.000 g/210L  
% Abs = 0.102  
Std Dev = 0.01 Rel Std Dev = 5.88  
Sol Val = 0.1905 mg/l or 0.040 g/210L  
% Abs = 1.437  
Std Dev = 0.00 Rel Std Dev = 0.18  
Sol Val = 0.4762 mg/l or 0.110 g/210L  
% Abs = 3.038  
Std Dev = 0.01 Rel Std Dev = 0.22  
Sol Val = 0.9524 mg/l or 0.210 g/210L  
% Abs = 5.895  
Std Dev = 0.02 Rel Std Dev = 0.27  
Sol Val = 1.4286 mg/l or 0.300 g/210L  
% Abs = 8.572  
Std Dev = 0.03 Rel Std Dev = 0.34  
Zero Order Coef = -228.87  
First Order Coef = 1569.40  
Second Order Coef = 14.64  
Standard Deviation = 94.471153

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sample % Abs (% Abs Ref)  
Sample #1 = 5.9180 (-0.0070)  
Sample #2 = 5.9000 (-0.0090)  
Sample #3 = 5.8770 (-0.0170)  
Sample #4 = 5.9080 (-0.0130)  
Avg % Abs = 5.8950 (-0.0130)  
STD DEV = 0.0161 (-0.0040)  
REL STD DEV = 0.273 (30.759)

Sol Value = 0.300 g/210L \*\*\*  
Fit Value = 1.4286 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12462, Sum Io = 13572

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 4.5640 (-0.0020)  
Sample #2 = 4.5630 (-0.0180)  
Sample #3 = 4.5530 (-0.0200)  
Sample #4 = 4.5790 (-0.0320)  
Avg % Abs = 4.5650 (-0.0233)  
STD DEV = -0.0131 (-0.0076)  
REL STD DEV = 0.287 (32.451)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sample % Abs (% Abs Ref)  
Sample #1 = 8.5500 (-0.0140)  
Sample #2 = 8.5500 (-0.0030)  
Sample #3 = 8.5510 (-0.0040)  
Sample #4 = 8.6160 (-0.0070)  
Avg % Abs = 8.5723 (-0.0020)  
STD DEV = 0.0295 (-0.0056)  
REL STD DEV = 0.344 (278.368)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sample % Abs (% Abs Ref)  
Sample #1 = 1.4660 (-0.0090)  
Sample #2 = 1.4400 (-0.0030)  
Sample #3 = 1.4360 (-0.0000)  
Sample #4 = 1.4370 (-0.0020)  
Avg % Abs = 1.4373 (-0.0003)  
STD DEV = 0.0025 (-0.0025)  
REL STD DEV = 0.175 (754.984)

Sol Value = 0.100 g/210L \*\*\*  
Fit Value = 0.4762 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12471, Sum Io = 13577

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 1.5790 (-0.0000)  
Sample #2 = 1.5980 (-0.0030)  
Sample #3 = 1.5870 (-0.0160)  
Sample #4 = 1.5860 (-0.0250)  
Avg % Abs = 1.5903 (-0.0127)  
STD DEV = 0.0067 (-0.0143)  
REL STD DEV = 0.419 (112.851)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sample % Abs (% Abs Ref)  
Sample #1 = 2.9970 (-0.0000)  
Sample #2 = 3.0360 (-0.0100)  
Sample #3 = 3.0300 (-0.0020)  
Sample #4 = 3.0460 (-0.0000)  
Avg % Abs = 3.0363 (-0.0040)  
STD DEV = 0.0068 (-0.0053)  
REL STD DEV = 0.224 (132.288)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sol Value = 0.200 g/210L \*\*\*  
Fit Value = 0.9524 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12466, Sum Io = 13577

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 3.1250 (-0.0080)  
Sample #2 = 3.1290 (-0.0070)  
Sample #3 = 3.1230 (-0.0130)  
Sample #4 = 3.1040 (-0.0320)  
Avg % Abs = 3.1187 (-0.0173)  
STD DEV = 0.0131 (-0.0130)  
REL STD DEV = 0.418 (75.295)

INDIAN HARBOR PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
SN 60-001263  
12:39:37  
05/22/2025

Auto Calibration  
Max Power Res Value = 77  
Auto Range Res Value = 56

Sol Value = 1.000 g/210L \*\*\*  
Fit Value = 1.0000 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12493, Sum Io = 13590

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.0430 (-0.0030)  
Sample #2 = 0.0500 (-0.0000)  
Sample #3 = 0.0350 (-0.0230)  
Sample #4 = 0.0440 (-0.0210)  
Avg % Abs = 0.0430 (-0.0143)  
STD DEV = -0.0075 (-0.0125)  
REL STD DEV = 17.558 (87.233)

\*\*\*\*\* CHANNEL 2 \*\*\*\*\*

Sample % Abs (% Abs Ref)  
Sample #1 = 0.0990 (-0.0110)  
Sample #2 = 0.1080 (-0.0050)  
Sample #3 = 0.0960 (-0.0070)  
Sample #4 = 0.1020 (-0.0070)  
Avg % Abs = 0.1020 (-0.0017)  
STD DEV = 0.0060 (-0.0076)  
REL STD DEV = 5.982 (454.313)





Sol Value = 0.040 g/210L \*\*\*  
Fit Value = 0.1905 mg/l %%%  
Samples Taken = 4, Discarded = 1  
Sum Io = 12478, Sum Io = 13582

\*\*\*\*\* CHANNEL 1 \*\*\*\*\*  
Sample % Abs (% Abs Ref)  
Sample #1 = 0.7420 (-0.0030)  
Sample #2 = 0.7310 (-0.0000)  
Sample #3 = 0.7350 (-0.0100)  
Sample #4 = 0.7310 (-0.0240)  
Avg % Abs = 0.7323 (-0.0113)  
STD DEV = 0.0023 (-0.0121)  
REL STD DEV = 0.315 (106.371)

# Optical Calibration Adjustment

By: TDG #1

# Post-Cal Stability Checks #1

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
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# Post-Cal Stability Checks

#1

<b>0.05g/210L</b> 0.047 to 0.053	<b>0.08g/210L</b> 0.077 to 0.083	<b>0.20g/210L</b> 0.194 to 0.206	<b>DGS 0.08g/210L</b> 0.077 to 0.083    ≤0.003 of Wet																																			
<p>#2</p> <p>INDIAN HARBOUR PD          Intoxilyzer - Alcohol Analyzer          Model 8010    SN 80-001263          15/22/2025          Software: 8100.27</p> <table border="1"> <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>14:39</td></tr> <tr><td>Control Test</td><td>0.093</td><td>14:40</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>14:41</td></tr> <tr><td>Control Test</td><td>0.092</td><td>14:41</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>14:42</td></tr> <tr><td>Control Test</td><td>0.093</td><td>14:42</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>14:43</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0927</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel Std Dev(%)</td><td>0.6230</td><td></td></tr> </tbody> </table> <p>Operator's Signature: <i>MLG</i></p>	Test	g/210L	Time	Air Blank	0.000	14:39	Control Test	0.093	14:40	Air Blank	0.000	14:41	Control Test	0.092	14:41	Air Blank	0.000	14:42	Control Test	0.093	14:42	Air Blank	0.000	14:43	Control Test Stats			Average	0.0927		Std Dev	0.0006		Rel Std Dev(%)	0.6230		<p>Performed root cause analysis prior to repeating the 0.08 ARS Stability Check. The o-rings was torn in half and fell apart when examined. Replaced the o-rings, reseated the simulator, then repeated the Stability Check.</p> <p>MLG 5/22/25</p>	<p>Performed root cause analysis prior to repeating the 0.08 ARS Stability Check. The o-rings was torn in half and fell apart when examined. Replaced the o-rings, reseated the simulator, then repeated the Stability Check.</p>
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INDIAN HARBOR PD  
Intoxilyzer - Alcohol Analyzer  
Model 8000  
SN 80-00163  
15/01/2005  
15/22/2005

Auto Calibration  
Max Power Res Value = 78  
Auto Range Res Value = 57  
Sol Value = 0.000 g/2.0L \*\*\*  
Fit Value = 0.0000 mg/L ~~0.0000~~  
Samples Taken = 4, Discarded = 1  
Sum IC = 12566, Sum IO = 13640

Sample #	% Abs	(% Abs Ref)
Sample #1 =	0.0490	(-0.0050)
Sample #2 =	0.0660	(0.0130)
Sample #3 =	0.0680	(0.0240)
Sample #4 =	0.0560	(0.0390)
Avg % Abs =	0.0533	(0.0053)
STD DEV =	0.0064	(0.0131)
REL STD DEV =	0.151	(51.510)

```
<<<< CHANNEL 2 >>>>
Sample      % Abs      (% Abs Ref)
Sample #1 = 0.1050  (-0.0602)
Sample #2 = 0.1061  (-0.0640)
Sample #3 = 0.1021  (0.0000)
Sample #4 = 0.0891  (0.0150)
Avg % Abs = 0.0950  (0.0037)
STD DEV = 0.0099  (0.0102)
```

```

****
SOL value = 0.040 g/20L ****
fit value = 0.1915 mg/L *****
Samples Taken = 4, Discarded = 1
Sum to = 12576, Num to = 13636
<<<< CHANNEL 1 >>>>

Sample      % ABS      (% Abs Ref)
Sample #1 = 1.7860 (-0.0000)

```

```
apple #2 = 0.8100 (-0.0150)
apple #3 = 0.7990 (-0.0100)
apple #4 = 0.7870 (0.0000)
vg & pos = 0.7987 (-0.1083)
TD DEV = 0.0115 (0.1076)
EL STD DEV = 1.440 (91.652)
```

Optical Calibration Adjustment #2
By: TDG

# Post-Cal Stability Checks

#2

0.05g/210L 0.047 to 0.053	0.08g/210L 0.077 to 0.083	0.20g/210L 0.194 to 0.206	DGS 0.08g/210L 0.077 to 0.083 ✓ ≤0.003 of Wet																																																																																																																																																
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## **Return Material Authorization**

**Ship to:** ☒ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Matthew Wimmer on 05/23/2025

Items Returned:      Instrument ☒    Supplies ☐    Other ☐ Describe: \_\_\_\_\_

Instrument Model: Intoxilyzer 8000      Serial Number: 80-001263

**Bill To Address:**

Indian Harbour Police Department

Attn: Matthew Wimmer

**Ship to Address:**

Florida Department of Law Enforcement

Fort Myers Regional Operations Center

Attn: Taylor Gutschow

4700 Terminal Drive, Suite 1

Fort Myers, FL 33907

**Reason for Return:**

Instrument just returned from CMI (see work order 409135) and requires an optical cal adjust.

Tried to cal adjust twice but post-cal stabilities failed. Please examine calibration inlet port; the  
o-ring tears nearly every time a simulator is attached to it.

**Please choose one of the following options:**

☐ 1. I \_\_\_\_\_, authorize all repairs.

☐ 2. I \_\_\_\_\_, authorize repairs up to \$\_\_\_\_\_.

☒ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Matthew Wimmer

Phone #: 321-507-3629      Email: mwimmer@indianharbour.org

ATP Contact Name: Taylor Gutschow      ATP Email: TaylorGutschow@fdle.state.fl.us