

INSTRUMENT PROCESSING SHEET

Agency NAS Key West

S/N 80-002170

Florida Department of
Law Enforcement

Date In 01/28/2025

DI Completion Date 02/14/2025

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By TDG	Date	Quality Checks	By TDG	Date																																																																																								
<input checked="" type="checkbox"/> Annual <input type="checkbox"/> Registration <input checked="" 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 checked="" 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 <u>221</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP101</u> 32 mm <u>0.175*</u> (.139 - .169) 36 mm <u>0.199*</u> (.156 - .190) 53 mm <u>0.265</u> (.228 - .278) 103 mm <u>0.542</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>26932</u> <input checked="" type="checkbox"/> Stability Checks																																																																																										
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Flow Calibration Adjustment(s)





Performed by TDG

NAS KEY WEST
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-002170
02/07/2025
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5
SQRT(Diff) = 6.926
2: Rate (Liters/min) = 15
SQRT(Diff) = 11.789
3: Rate (Liters/min) = 30
SQRT(Diff) = 21.305
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 670
Rounded Intercept = -622811
Correlation = 0.99757

Stability Checks

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
<p>0.047 to 0.053</p> <p>✓</p>	<p>0.077 to 0.083</p> <p>✗</p>	<p>0.194 to 0.206</p> <p>✓</p>	<p>0.077 to 0.083</p> <p>✗</p> <p>≤0.003 of Wet</p> <p>✓</p>																																																																																																																																																
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Auto Calibration
Max Power Res Value = 34
Auto Range Res Value = 16

Intoxilyzer - Alcohol Analyzer
Model 8000
02/13/2025

NAS KEY TEST
19:23:40

Sol Value = 0.000 g/210L ***
Fit Value = 0.0000 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12747, Sum Io = 13015

Sample % Abs (% Abs Ref)
Sample #1 = 1.5670 (0.0000)
Sample #2 = 1.5740 (-0.0050)
Sample #3 = 1.5690 (-0.0100)
Sample #4 = 1.5780 (-0.0110)
Avg % Abs = 1.5737 (-0.0087)
STD DEV = 0.0045 (0.0032)
REL STD DEV = 0.287 (37.091)

Sol Value = 0.100 g/210L ***
Fit Value = 0.4762 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12746, Sum Io = 13016

Sample % Abs (% Abs Ref)
Sample #1 = 1.8270 (-0.0150)
Sample #2 = 1.8010 (-0.0050)
Sample #3 = 1.8040 (-0.0080)
Sample #4 = 1.8080 (-0.0120)
Avg % Abs = 1.8043 (0.0050)
STD DEV = 0.0035 (0.0089)
REL STD DEV = 0.195 (177.764)

Sol Value = 0.200 g/210L ***
Fit Value = 0.9524 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12745, Sum Io = 13013

Sample % Abs (% Abs Ref)
Sample #1 = 3.6460 (-0.0150)
Sample #2 = 3.6260 (-0.0040)
Sample #3 = 3.6320 (-0.0020)
Sample #4 = 3.6170 (-0.0110)
Avg % Abs = 3.6250 (0.0043)
STD DEV = 0.0075 (0.0065)
REL STD DEV = 0.208 (150.148)

Sol Value = 0.040 g/210L ***
Fit Value = 0.1905 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12749, Sum Io = 13017

Sample % Abs (% Abs Ref)
Sample #1 = 0.7940 (0.0000)
Sample #2 = 0.7910 (-0.0070)
Sample #3 = 0.8150 (0.0000)
Sample #4 = 0.7810 (-0.0110)
Avg % Abs = 0.7957 (0.0013)
STD DEV = 0.0175 (0.0091)
REL STD DEV = 2.196 (680.533)

Sol Value = 0.300 g/210L ***
Fit Value = 1.4286 mg/l %
Samples Taken = 4, Discarded = 1
Sum Io = 12743, Sum Io = 13012

Sample % Abs (% Abs Ref)
Sample #1 = 5.1230 (-0.0050)
Sample #2 = 5.1320 (0.0000)
Sample #3 = 5.1330 (-0.0170)
Sample #4 = 5.1150 (-0.0190)
Avg % Abs = 5.1267 (0.0007)
STD DEV = 0.0101 (0.0180)
REL STD DEV = 0.197 (2701.391)

Sol Value = 0.000 mg/l or 0.000 g/210L
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1

Sample % Abs (% Abs Ref)
Sample #1 = 3185.00
Sample #2 = 3130.00
Sample #3 = 3201.00
Sample #4 = 3212.00
Avg % Abs = 3181.0000
STD DEV = 44.5084
REL STD DEV = 1.399

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

Sample % Abs (% Abs Ref)
Sample #1 = 10.1350 (-0.0140)
Sample #2 = 10.1300 (-0.0040)
Sample #3 = 10.1030 (0.0000)
Sample #4 = 10.0990 (0.0040)
Avg % Abs = 10.1107 (0.0000)
STD DEV = 0.0169 (0.0040)
REL STD DEV = 0.167 (0.000)

Sol Value = 0.000 mg/l or 0.000 g/210L
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1

Sample % Abs (% Abs Ref)
Sample #1 = 3355.00
Sample #2 = 3319.00
Sample #3 = 3334.00
Sample #4 = 3327.00
Avg % Abs = 3326.6667
STD DEV = 7.5056
REL STD DEV = 0.226

Sol Value = 0.000 mg/l or 0.000 g/210L
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1

Sample % Abs (% Abs Ref)
Sample #1 = 6.9250 (-0.0060)
Sample #2 = 6.9130 (0.0050)
Sample #3 = 6.9290 (-0.0040)
Sample #4 = 6.9210 (0.0040)
Avg % Abs = 6.9210 (0.0017)
STD DEV = 0.0080 (0.0049)
REL STD DEV = 0.116 (295.973)

Sol Value = 0.000 mg/l or 0.000 g/210L
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1





Sample % Abs (% Abs Ref)
Sample #1 = 3355.00
Sample #2 = 3319.00
Sample #3 = 3334.00
Sample #4 = 3327.00
Avg % Abs = 3326.6667
STD DEV = 7.5056
REL STD DEV = 0.226

Sol Value = 0.000 mg/l or 0.000 g/210L
Fit Value = 0.3810 mg/l %
Samples Taken = 4, Discarded = 1

Sample % Abs (% Abs Ref)
Sample #1 = 3355.00
Sample #2 = 3319.00
Sample #3 = 3334.00
Sample #4 = 3327.00
Avg % Abs = 3326.6667
STD DEV = 7.5056
REL STD DEV = 0.226

Optical Calibration
Adjustment
By: TDG

Post-Cal Stability Checks

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
<p>NAS KEY TEST Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-002170 02/13/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:36</p> <p>Control Test 0.050 11:37</p> <p>Air Blank 0.000 11:37</p> <p>Control Test 0.050 11:38</p> <p>Air Blank 0.000 11:39</p> <p>Control Test 0.050 11:39</p> <p>Air Blank 0.000 11:40</p> <p>Control Test Stats</p> <p>Average 0.0500</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>NAS KEY TEST Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-002170 02/13/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:51</p> <p>Control Test 0.080 11:52</p> <p>Air Blank 0.000 11:52</p> <p>Control Test 0.080 11:53</p> <p>Air Blank 0.000 11:53</p> <p>Control Test 0.080 11:54</p> <p>Air Blank 0.000 11:54</p> <p>Control Test Stats</p> <p>Average 0.0800</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>NAS KEY TEST Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-002170 02/13/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:45</p> <p>Control Test 0.197 11:45</p> <p>Air Blank 0.000 11:46</p> <p>Control Test 0.197 11:46</p> <p>Air Blank 0.000 11:47</p> <p>Control Test 0.197 11:48</p> <p>Air Blank 0.000 11:48</p> <p>Control Test Stats</p> <p>Average 0.1970</p> <p>Std Dev 0.0000</p> <p>Rel Std Dev(%) 0.0000</p>	<p>NAS KEY TEST Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-002170 02/13/2025 Software: 8100.27</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 11:30</p> <p>Control Test 0.080 11:31</p> <p>Air Blank 0.000 11:31</p> <p>Control Test 0.080 11:31</p> <p>Air Blank 0.000 11:32</p> <p>Control Test 0.081 11:32</p> <p>Air Blank 0.000 11:33</p> <p>Control Test Stats</p> <p>Average 0.0803</p> <p>Std Dev 0.0006</p> <p>Rel Std Dev(%) 0.7187</p>
<p>Operator's Signature </p>	<p>Operator's Signature </p>	<p>Operator's Signature </p>	<p>Operator's Signature </p>

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: NAS KEY WEST
Time of Inspection: 13:31

Date of Inspection: 02/14/2025

Serial Number: 80-002170
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG429602 Exp: 10/22/2026
0.000	0.049	0.080	0.197	0.080
0.000	0.049	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.080
0.000	0.050	0.079	0.197	0.079
0.000	0.049	0.079	0.197	0.080
0.000	0.050	0.080	0.196	0.079
0.000	0.050	0.080	0.196	0.079
0.000	0.050	0.080	0.197	0.080
0.000	0.050	0.079	0.196	0.080
Standard Deviations	0.0004	0.0005	0.0004	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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

02/14/2025
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 80-002170, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-002170</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>NAS KEY WEST</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>02/14/2025</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:31</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. 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 December 2021

Issuing Authority: Alcohol Testing Program

02/14/2025

Date

TAYLOR D GUTSCHOW,
Department Inspector

Service • Integrity • Respect • Quality