



INSTRUMENT PROCESSING SHEET

Agency Brevard County SO

S/N 80-000940

Florida Department of
Law Enforcement

Date In 4/7/2021

DI Completion Date 4/8/2021

☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake	By MH	Quality Checks	By MH	Date 04/08/21	Flow Calibration	By MH	Date 4/8/2021																																																												
<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 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>124</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.136</u> (.139 - .169) 36 mm <u>0.148</u> (.156 - .190) 53 mm <u>0.214</u> (.228 - .278) 103 mm <u>0.480</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28199</u> <input checked="" type="checkbox"/> Stability Checks			Flow Column # <u>ATP 104</u> <input checked="" type="checkbox"/> 5L/min - 17mm <input checked="" type="checkbox"/> 15L/min - 53mm <input checked="" type="checkbox"/> 30L/min - 103mm <input checked="" type="checkbox"/> R-Value <u>126</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>0.152</u> (.139 - .169) 36 mm <u>0.171</u> (.156 - .190) 53 mm <u>0.242</u> (.228 - .278) 103 mm <u>0.480</u> (.447 - .547)																																																														
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Notes/Suggested Service: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____				Attachments <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Stability Checks <input checked="" type="checkbox"/> Calibration Certificate <input type="checkbox"/> Calibration Adjustment <input type="checkbox"/> Post-Stability Checks <input checked="" type="checkbox"/> Flow Calibration <input type="checkbox"/> Form 40 <input type="checkbox"/> Other _____ <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 <small>Digitally signed by Israel Soto Date: 2021.04.14 14:56:29 +0400</small> Tech Review / Date _____ Admin Review / Date _____																																																															

Florida Department of Law Enforcement

Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: BREVARD COUNTY S.O.
Time of Inspection: 13:37

Date of Inspection: 04/08/2021

Serial Number: 80-000940
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	0.047	0.078	0.195	0.080
0.000	0.048	0.077	0.196	0.079
0.000	0.048	0.078	0.196	0.079
0.000	0.047	0.078	0.196	0.079
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0.000	0.048	0.077	0.196	0.078
0.000	0.048	0.077	0.196	0.078
0.000	0.048	0.077	0.196	0.078

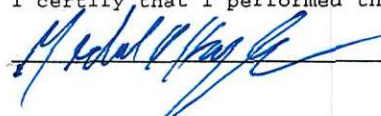
Standard Deviations	0.0004	0.0005	0.0003	0.0006
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

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.



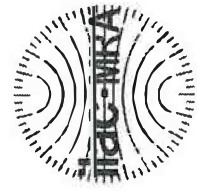
MICHAEL D HAUGHEY

Signature and Printed Name

04/08/2021
Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000940	Breard County SO	04/08/21	NXT

0.05g/210L 0.047 to 0.053 <input checked="" type="checkbox"/>	0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>	0.20g/210L 0.194 to 0.206 <input checked="" type="checkbox"/>	DGS 0.08g/210L 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000940 04/08/2021 Software: 8100.27</p> <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>10:40</td></tr><tr><td>Control Test</td><td>0.048</td><td>10:41</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:41</td></tr><tr><td>Control Test</td><td>0.047</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>0.047</td><td>10:43</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:44</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0473</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>1.2198</td><td></td></tr></tbody></table> <p>Operator's Signature <i>NXT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:40	Control Test	0.048	10:41	Air Blank	0.000	10:41	Control Test	0.047	10:42	Air Blank	0.000	10:43	Control Test	0.047	10:43	Air Blank	0.000	10:44	Control Test Stats			Average	0.0473		Std Dev	0.0006		Rel Std Dev(%)	1.2198		<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000940 04/08/2021 Software: 8100.27</p> <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>10:46</td></tr><tr><td>Control Test</td><td>0.078</td><td>10:47</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:47</td></tr><tr><td>Control Test</td><td>0.077</td><td>10:48</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:48</td></tr><tr><td>Control Test</td><td>0.077</td><td>10:49</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>0.0773</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7466</td><td></td></tr></tbody></table> <p>Operator's Signature <i>NXT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:46	Control Test	0.078	10:47	Air Blank	0.000	10:47	Control Test	0.077	10:48	Air Blank	0.000	10:48	Control Test	0.077	10:49	Air Blank	0.000	10:50	Control Test Stats			Average	0.0773		Std Dev	0.0006		Rel Std Dev(%)	0.7466		<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000940 04/08/2021 Software: 8100.27</p> <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>0.197</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>0.196</td><td>10:54</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:55</td></tr><tr><td>Control Test</td><td>0.196</td><td>10:55</td></tr><tr><td>Air Blank</td><td>0.000</td><td>10:56</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.1963</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.2941</td><td></td></tr></tbody></table> <p>Operator's Signature <i>NXT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:52	Control Test	0.197	10:53	Air Blank	0.000	10:53	Control Test	0.196	10:54	Air Blank	0.000	10:55	Control Test	0.196	10:55	Air Blank	0.000	10:56	Control Test Stats			Average	0.1963		Std Dev	0.0006		Rel Std Dev(%)	0.2941		<p>BREARD COUNTY S.O. Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-000940 04/08/2021 Software: 8100.27</p> <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>10:59</td></tr><tr><td>Control Test</td><td>0.079</td><td>11:00</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:00</td></tr><tr><td>Control Test</td><td>0.080</td><td>11:00</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:01</td></tr><tr><td>Control Test</td><td>0.080</td><td>11:01</td></tr><tr><td>Air Blank</td><td>0.000</td><td>11:02</td></tr><tr><td>Control Test Stats</td><td></td><td></td></tr><tr><td>Average</td><td>0.0797</td><td></td></tr><tr><td>Std Dev</td><td>0.0006</td><td></td></tr><tr><td>Rel Std Dev(%)</td><td>0.7247</td><td></td></tr></tbody></table> <p>Operator's Signature <i>NXT</i></p>	Test	g/210L	Time	Air Blank	0.000	10:59	Control Test	0.079	11:00	Air Blank	0.000	11:00	Control Test	0.080	11:00	Air Blank	0.000	11:01	Control Test	0.080	11:01	Air Blank	0.000	11:02	Control Test Stats			Average	0.0797		Std Dev	0.0006		Rel Std Dev(%)	0.7247	
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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 80-000940, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-000940</u>	UNCERTAINTY* \pm	
Owning Agency:	<u>BREVARD COUNTY S.O.</u>	0.050 g/ 210 L	0.005
Calibration Date:	<u>04/08/2021</u>	0.080 g/ 210 L	0.004
Calibration Time:	<u>13:37</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.

04/08/2021

Date

MICHAEL D HAUGHEY,
Department Inspector

FDLE/ATP Form 69 January 2021
Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

Flow Calibration

86-000940

4/8/21

BREWARD COUNTY S.O.
Intoxilyzer - Alcohol Analyzer
Model: 8000 SN 86-000940
04/08/2021
Software: 8100.27

Flow Rate Calibration*****
1: Rate (Liters/min) = 5
 SQRT(Diff)) = 6.000
2: Rate (Liters/min) = 15
 SQRT(Diff)) = 10.816
3: Rate (Liters/min) = 30
 SQRT(Diff)) = 19.922
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 694
Rounded Intercept = -508747
Correlation = 0.99814

MX