



INSTRUMENT PROCESSING SHEET

Agency Indian River Sheriff's OfficeS/N 80-001328Florida Department of
Law EnforcementDate In 02/02/2018 DI Completion Date 02/05/2018 Ship P/U H/D CMI EE

Intake Performed By <u>DELL</u> <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: _____ _____ _____	Quality Checks Performed By <u>DELL</u> <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>195</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP 101</u> 32 mm <u>.167</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.253</u> (.228 - .278) 103 mm <u>.507</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28663</u> <input checked="" type="checkbox"/> Stability Checks	Flow Calibration Performed By _____ 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)																																																											
Final Release Date FDLE FEB 14 2018 Alcohol Testing Program	<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>SD3967</td> <td>201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td>SD3968</td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td>SD3969</td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td>AG626604 09/22/2018</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	SD3967	201707D 07/25/2019	0.080	SD3968	201707E 07/25/2019	0.200	SD3969	201707C 07/24/2019	0.080 DGS	N/A	AG626604 09/22/2018	Maintenance Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ Temperature Checks Performed By <u>DELL</u> <input checked="" type="checkbox"/> Lab Temp °C <u>21.46</u> External Digital Therm. ID#: <u>300918</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3967</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3968</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD3969</u>																																												
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Notes/Suggested Service: <u>E-mailed. Calibration adjustment to bring values closer to nominal. Used DGS AG626605 Exp 09/22/2018 for DI.</u> <div style="text-align: center;"> <input checked="" type="checkbox"/> APPROVED </div>	<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 <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> <u>Tom 2/14/18</u> Tech Review / Date </div> <div style="text-align: center;"> <u>J. Johnson 2/14/18</u> Admin Review / Date </div> </div>																																																												

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: INDIAN RIVER CO. SO
Time of Inspection: 12:56

Date of Inspection: 02/05/2018

Serial Number: 80-001328
Software: 8100.27

VBK

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#:201707D Exp: 07/25/2019	0.08g/210L Test (g/210L) Lot#:201707E Exp: 07/25/2019	0.20g/210L Test (g/210L) Lot#:201707C Exp: 07/24/2019	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG626605 Exp: 09/22/2018
0.000	0.050	0.082	0.201	0.078
0.000	0.051	0.083	0.204	0.079
0.000	0.050	0.083	0.204	0.078
0.000	0.051	0.083	0.203	0.078
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0.000	0.051	0.083	0.203	0.079
0.000	0.051	0.082	0.202	0.079
0.000	0.051	0.082	0.202	0.079

Standard Deviations	0.0004	0.0005	0.0009	0.0005
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

AM

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 Reyes Rivera

DAVID E REYES-RIVERA

Signature and Printed Name

02/05/2018
Date

*2/4/18
JD*

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-001328	Indian River Sheriff's Office	02/05/2018	<i>DELL</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
SN: SD3967 Temp: 34.07c	SN: SD3968 Temp: 34.02c	SN: SD3969 Temp: 34.06c	Lot AG626604
0.047 to 0.053 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>	0.194 to 0.206 <input checked="" type="checkbox"/>	0.077 to 0.083 <input checked="" type="checkbox"/>

<p>INDIAN RIVER CO. 50 Intoxilyzer - Alcohol Analyzer Model: 8000 02/05/2018 Software: 8100.27</p> <p>SN: 80-001328</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 06:54 Control Test 0.046 06:55 Air Blank 0.000 06:55 Control Test 0.047 06:56 Air Blank 0.000 06:56 Control Test 0.048 06:57 Air Blank 0.000 06:58</p> <p>Control Test Stats Average 0.0470 Std Dev 0.0010 Rel. Std Dev(%) 2.1277</p> <p>Operator's Signature: <i>DELL</i></p>	<p>INDIAN RIVER CO. 50 Intoxilyzer - Alcohol Analyzer Model: 8000 02/05/2018 Software: 8100.27</p> <p>SN: 80-001328</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 06:55 Control Test 0.078 07:00 Air Blank 0.000 07:00 Control Test 0.078 07:01 Air Blank 0.000 07:01 Control Test 0.078 07:02 Air Blank 0.000 07:03</p> <p>Control Test Stats Average 0.0780 Std Dev 0.0000 Rel. Std Dev(%) 0.0000</p> <p>Operator's Signature: <i>DELL</i></p>	<p>INDIAN RIVER CO. 50 Intoxilyzer - Alcohol Analyzer Model: 8000 02/05/2018 Software: 8100.27</p> <p>SN: 80-001328</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:04 Control Test 0.196 07:04 Air Blank 0.000 07:05 Control Test 0.196 07:06 Air Blank 0.000 07:06 Control Test 0.198 07:07 Air Blank 0.000 07:07</p> <p>Control Test Stats Average 0.1973 Std Dev 0.0012 Rel. Std Dev(%) 0.5852</p> <p>Operator's Signature: <i>DELL</i></p>	<p>INDIAN RIVER CO. 50 Intoxilyzer - Alcohol Analyzer Model: 8000 02/05/2018 Software: 8100.27</p> <p>SN: 80-001328</p> <p>Test g/210L Time</p> <p>Air Blank 0.000 07:09 Control Test 0.075 07:09 Air Blank 0.000 07:09 Control Test 0.080 07:10 Air Blank 0.000 07:10 Control Test 0.080 07:11 Air Blank 0.000 07:11</p> <p>Control Test Stats Average 0.0757 Std Dev 0.0006 Rel. Std Dev(%) 0.7247</p> <p>Operator's Signature: <i>DELL</i></p>
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DELL
02/14/18

DELL



Florida Department of Law Enforcement
 Alcohol Testing Program
 4700 Terminal Drive, Suite 1
 Ft. Myers, FL 33907

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001328 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001328</u>	UNCERTAINTY* ±
Owning Agency:	<u>INDIAN RIVER CO. SO</u>	0.05 g/ 210 L
Calibration Date:	<u>02/05/2018</u>	0.08 g/ 210 L
Calibration Time:	<u>12:56</u>	0.20 g/ 210 L
		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 Tartget Alcohol concentration.

*Uncertainty is based on fleet-wide data and is expressed to a 99% level of confidence (k=3).

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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02/05/2018

Date

David Reyes-Rivera

DAVID E REYES-RIVERA,

Department Inspector

FDLE/ATP Form 69 January 2018
 Issuing Authority: Alcohol Testing Program

Page 1 of 1

Service • Integrity • Respect • Quality

2/14/18
DR

MAR

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.4890 (-0.0070)
 Sample #2 = 1.4680 (0.0060)
 Sample #3 = 1.4900 (-0.0080)
 Sample #4 = 1.4720 (0.0040)
 Avg % Abs = 1.4757 (0.0077)
 STD DEV = 0.0117 (0.0076)
 REL STD DEV = 0.794 (1135.782)

INDIAN RIVER CO. SC
 Intoxilyzer - Alcohol Analyzer
 Model 8000
 02/05/2018
 SN 80-001328
 09:01:25

Auto Calibration
 Max Power Res Value = 22
 Auto Range Res Value = 8

Sol Value = 0.000 g/210L ***
 Fit Value = 0.0000 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12674, Sum Io = 13215
 <<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9250 (-0.0220)
 Sample #2 = 1.9100 (0.0170)
 Sample #3 = 1.8900 (0.0430)
 Sample #4 = 1.9100 (0.0250)
 Avg % Abs = 1.9033 (0.0283)
 STD DEV = 0.0115 (0.0133)
 REL STD DEV = 0.607 (47.000)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.5420 (-0.0010)
 Sample #2 = 3.5510 (0.0050)
 Sample #3 = 3.5770 (0.0000)
 Sample #4 = 3.5780 (0.0070)
 Avg % Abs = 3.5687 (0.0040)
 STD DEV = 0.0153 (0.0036)
 REL STD DEV = 0.429 (90.139)

Sol Value = 0.200 g/210L ***
 Fit Value = 0.9524 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12657, Sum Io = 13217
 <<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 3.6220 (-0.0150)
 Sample #2 = 3.6170 (-0.0250)
 Sample #3 = 3.6390 (0.0000)
 Sample #4 = 3.6500 (-0.0030)
 Avg % Abs = 3.6353 (-0.0093)
 STD DEV = 0.0168 (0.0137)
 REL STD DEV = 0.462 (146.254)

8/14/18
 JD

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 6.7640 (-0.0160)
 Sample #2 = 6.7780 (-0.0100)
 Sample #3 = 6.8150 (0.0010)
 Sample #4 = 6.8360 (-0.0120)
 Avg % Abs = 6.8097 (-0.0070)
 STD DEV = 0.0294 (0.0070)
 REL STD DEV = 0.431 (100.000)

Sol Value = 0.300 g/210L ***
 Fit Value = 1.4286 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12653, Sum Io = 13215
 <<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 5.3180 (-0.0200)
 Sample #2 = 5.3070 (-0.0090)
 Sample #3 = 5.2990 (-0.0080)
 Sample #4 = 5.3330 (-0.0190)
 Avg % Abs = 5.3130 (-0.0120)
 STD DEV = 0.0178 (0.0061)
 REL STD DEV = 0.335 (50.690)

<<<<< CHANNEL 2 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 9.9020 (-0.0050)
 Sample #2 = 9.9080 (0.0010)
 Sample #3 = 9.8850 (0.0040)
 Sample #4 = 9.9040 (-0.0070)
 Avg % Abs = 9.8990 (-0.0007)
 STD DEV = 0.0123 (0.0057)
 REL STD DEV = 0.124 (652.936)

Sol Value = 0.100 g/210L ***
 Fit Value = 0.4762 mg/l %%%
 Samples Taken = 4, Discarded = 1
 Sum Io = 12674, Sum Io = 13215
 <<<<< CHANNEL 1 >>>>>
 Sample % Abs (% Abs Ref)
 Sample #1 = 1.9250 (-0.0220)
 Sample #2 = 1.9100 (0.0170)
 Sample #3 = 1.8900 (0.0430)
 Sample #4 = 1.9100 (0.0250)
 Avg % Abs = 1.9033 (0.0283)
 STD DEV = 0.0115 (0.0133)
 REL STD DEV = 0.607 (47.000)

Optical Calibration	
SN: 80-001328	
Agency: Indian River SO	
Date: 2/5/2018	
Quadratic Fit: +/-0.002g/210L	
By: <i>JD</i>	

<<<<< CHANNEL 1 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.107
 Std Dev = 0.01 Rel Std Dev = 11.71
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 0.812
 Std Dev = 0.01 Rel Std Dev = 0.70
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 1.903
 Std Dev = 0.01 Rel Std Dev = 0.61
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 3.635
 Std Dev = 0.02 Rel Std Dev = 0.46
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 5.313
 Std Dev = 0.02 Rel Std Dev = 0.33
 Zero Order Coef = -256.49
 First Order Coef = 2593.84
 Second Order Coef = 26.85
 Standard Deviation = 23.421347

<<<<< CHANNEL 2 >>>>>
 Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs = 0.095
 Std Dev = 0.00 Rel Std Dev = 1.61
 Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs = 1.477
 Std Dev = 0.01 Rel Std Dev = 0.79
 Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs = 3.569
 Std Dev = 0.02 Rel Std Dev = 0.43
 Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs = 6.810
 Std Dev = 0.03 Rel Std Dev = 0.43
 Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs = 9.899
 Std Dev = 0.01 Rel Std Dev = 0.12
 Zero Order Coef = -111.27
 First Order Coef = 1325.01
 Second Order Coef = 13.07
 Standard Deviation = 20.451353

<<<<< CHANNEL 1 >>>>>
 Sol Value = 0.100 g/210L ***
 Fit Value = 0.3910 mg/l %%%
 Samples Taken = 4, Discarded = 1
 <<<<< CHANNEL 2 >>>>>
 Sample #1 = 3300.05
 Sample #2 = 3243.00
 Sample #3 = 3327.00
 Sample #4 = 3229.00
 Average Result = 3266.3333
 STD DEV = 53.0031
 REL STD DEV = 1.623

<<<<< CHANNEL 2 >>>>>
 Sample #1 = 3541.00
 Sample #2 = 3542.00
 Sample #3 = 3574.00
 Sample #4 = 3560.00
 Average Result = 3558.6667
 STD DEV = 16.0416
 REL STD DEV = 0.451

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1020
 3 um H2O Adjust (mg/l * 10,000) = 543
 9 um H2O Adjust (mg/l * 10,000) = 251
 ***** AUTO CAL PASS

Solution Stats Quadratic Fit Chan 1
 Act Fit Residual
 g/210L g/210L g/210L
 0.000 0.000 -0.0004
 0.040 0.039 0.0008
 0.100 0.100 -0.0003
 0.200 0.200 -0.0001
 0.300 0.300 -0.0001

JD

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Post Stabilities	80-001328	Indian River Sheriff's Office	02/05/2018	<i>DKK</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L																																																																																																																																																
SN: SD3967 Temp: 34.075 0.047 to 0.053 <input checked="" type="checkbox"/>	SN: SD3968 Temp: 34.02c 0.077 to 0.083 <input checked="" type="checkbox"/>	SN: SD3969 Temp: 34.06c 0.194 to 0.206 <input checked="" type="checkbox"/>	Lot AG626604 0.077 to 0.083 <input checked="" type="checkbox"/>																																																																																																																																																
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