



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Florida Fish & Wildlife Conservation S/N 80-000904

Date In 9/14/2016 Date Out 9/15/2016  Ship  P/U  H/D  CMI  EE

<b>Intake</b> Performed By <u>DELL</u> <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Return from CMI <input type="checkbox"/> Return from Enforcement Electronics <input type="checkbox"/> Other _____ Visual Inspection: <u>OK</u> Case <u>OK</u> Handle <u>OK</u> Dry Gas Holder <u>OK</u> Feet <u>OK</u> Keyboard/Plug <u>OK</u> Back/Plugs <u>OK</u> Screws tight <u>OK</u> Breath Hose Other Equipment: <input type="checkbox"/> Power cord <input type="checkbox"/> Printer Cable <input type="checkbox"/> Other _____ Notes: _____ _____ _____		<b>Quality Checks</b> Performed By <u>DELL</u> <input checked="" type="checkbox"/> Breath Tube Screen <input checked="" type="checkbox"/> Replace O-Rings <input checked="" type="checkbox"/> Instrument Set Up Verified <input checked="" type="checkbox"/> R-Value <u>194</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP101</u> 32mm <u>132</u> (.139 - .169) 36mm <u>167</u> (.156 - .190) 53mm <u>250</u> (.228 - .278) 103mm <u>520</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28663</u> <input checked="" type="checkbox"/> Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td>SD3967</td> <td>201507A 07/14/2017</td> </tr> <tr> <td>0.08</td> <td>SD3968</td> <td>201601E 01/26/2016</td> </tr> <tr> <td>0.20</td> <td>SD3963</td> <td>201505A 05/12/2017</td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td>AG600SD4 01/05/2018</td> </tr> </tbody> </table>		Simulator	Serial #	Lot #/Exp	0.05	SD3967	201507A 07/14/2017	0.08	SD3968	201601E 01/26/2016	0.20	SD3963	201505A 05/12/2017	0.08 DGS	N/A	AG600SD4 01/05/2018	<b>Flow Calibration</b> Performed By <u>DELL</u> <input type="checkbox"/> Flow Calibration N/A <input checked="" type="checkbox"/> Flow Calibration Complete Flow Column # <u>ATP104</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>219</u> <input checked="" type="checkbox"/> Post Calibration Verification (L/s) Flow Column # <u>ATP106</u> 32mm <u>144</u> (.139 - .169) 36mm <u>160</u> (.156 - .190) 53mm <u>230</u> (.228 - .278) 103mm <u>492</u> (.447 - .547) <b>Maintenance</b> Performed By _____ <input type="checkbox"/> Battery Replacement <input type="checkbox"/> Dry Gas Regulator Replacement <input type="checkbox"/> Breath Tube Replacement <input type="checkbox"/> Other _____ <b>Suggested Service</b> _____ _____	
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FDLE  
Alcohol Testing Program

<b>Optical Bench Calibration</b> Performed By _____ <input checked="" type="checkbox"/> Optical Bench Calibration N/A <input type="checkbox"/> Optical Bench Calibration Complete Barometric Pressure Gauge ID # _____ <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.000</td> <td></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>0.040</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.200</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.400</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table> <input type="checkbox"/> Post Calibration Stability Checks <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> <th>Lot Number</th> <th>Expiration</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.08</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.20</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td></td> <td></td> </tr> </tbody> </table>				Simulator	Serial Number	Lot Number	Expiration	0.000		N/A	N/A	0.040				0.100				0.200				0.400				0.080 DGS	N/A			Simulator	Serial Number	Lot Number	Expiration	0.05				0.08				0.20				0.08 DGS	N/A		
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<b>Department Inspection</b> Performed By <u>DELL</u> <input checked="" type="checkbox"/> Barometric Pressure <u>1016</u> Gauge ID# <u>28199</u> <u>1016</u> Instrument Mouth Alcohol Solution Lot # <u>2016-A</u> Acetone Stock Solution Lot # <u>2016-B</u> <table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial Number</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>SD 3965</td> </tr> <tr> <td>Interferent</td> <td>SD 3966</td> </tr> <tr> <td>0.05</td> <td>SD 3967</td> </tr> <tr> <td>0.08</td> <td>SD 3968</td> </tr> <tr> <td>0.20</td> <td>SD 3963</td> </tr> </tbody> </table>		Simulator	Serial Number	0.00	SD 3965	Interferent	SD 3966	0.05	SD 3967	0.08	SD 3968	0.20	SD 3963
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<b>Attachments</b> <input checked="" type="checkbox"/> Form 41 <input checked="" type="checkbox"/> Pre-Stability Tests <input checked="" type="checkbox"/> Flow Calibration <input type="checkbox"/> Optical Bench Cal <input type="checkbox"/> Post-Stability Tests <input type="checkbox"/> Other _____													

Notes: **E-MAILED**   
09/15/2016 **APPROVED**  
QA/OC OK QSM 10/5/16  
Scott Kirkland

<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	<u>10/6/16</u> Date
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Quality Control Review

Date

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Stabilities	80-000904	Florida Fish and Wildlife Conservation Commission	9/15/2016	<i>Will</i>

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
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"/>

FRACQ SOUTH REGION  
 Inoculator - Alconol Analyzer  
 Model: 8000 SN: 80-000904  
 09/15/2016  
 Software: 8100.27

Test 9/21/16 Time

9/16 Blank 0.026 09:01  
 Control Test 0.050 09:02  
 9/16 Blank 0.030 09:02  
 Control Test 0.050 09:02  
 9/16 Blank 0.030 09:03  
 Control Test 0.050 09:04  
 9/16 Blank 0.030 09:05  
 Control Test Starts  
 Average 0.0500  
 Std Dev 0.0003  
 Rel Std Dev(%) 0.0000

*Will*  
 Operator's Signature

FRACQ SOUTH REGION  
 Inoculator - Alconol Analyzer  
 Model: 8000 SN: 80-000904  
 09/15/2016  
 Software: 8100.27

Test 9/21/16 Time

9/16 Blank 0.100 09:06  
 Control Test 0.080 09:07  
 9/16 Blank 0.030 09:08  
 Control Test 0.079 09:08  
 9/16 Blank 0.030 09:09  
 Control Test 0.081 09:10  
 9/16 Blank 0.030 09:10  
 Control Test Starts  
 Average 0.0800  
 Std Dev 0.0010  
 Rel Std Dev(%) 1.2590

*Will*  
 Operator's Signature

FRACQ SOUTH REGION  
 Inoculator - Alconol Analyzer  
 Model: 8000 SN: 80-000904  
 09/15/2016  
 Software: 8100.27

Test 9/21/16 Time

9/16 Blank 0.100 09:11  
 Control Test 0.200 09:12  
 9/16 Blank 0.100 09:13  
 Control Test 0.200 09:13  
 9/16 Blank 0.100 09:14  
 Control Test 0.201 09:14  
 9/16 Blank 0.099 09:15  
 Control Test Starts  
 Average 0.2003  
 Std Dev 0.0006  
 Rel Std Dev(%) 0.2892

*Will*  
 Operator's Signature


FRACQ SOUTH REGION  
 Inoculator - Alconol Analyzer  
 Model: 8000 SN: 80-000904  
 09/15/2016  
 Software: 8100.27

Test 9/21/16 Time

9/16 Blank 0.100 09:17  
 Control Test 0.083 09:17  
 9/16 Blank 0.100 09:18  
 Control Test 0.079 09:18  
 9/16 Blank 0.100 09:19  
 Control Test 0.080 09:19  
 9/16 Blank 0.099 09:19  
 Control Test Starts  
 Average 0.0797  
 Std Dev 0.0006  
 Rel Std Dev(%) 0.7247

*Will*  
 Operator's Signature

*Will*  
*PK*

TYPE OF TEST	SERIAL NUMBER	AGENCY	DATE	PERFORMED BY
Flow calibration	80-00904	Florida Wildlife Conservation Commission	9/15/2016	

**Calibration 1**

EFFLUCE SOUTH REGION  
 Intoxilyzer - Alcohol Analyzer  
 Model 8020 SX 80-00904  
 09/15/2016  
 Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
 1: Rate (Liters/min) = 5  
 SQRT(DIF) = 4.242  
 2: Rate (Liters/min) = 15  
 SQRT(DIF) = 11.531  
 3: Rate (Liters/min) = 30  
 SQRT(DIF) = 20.973

Dependent Data Scale Factor = 10000 L/min  
 Independent Data Scale Factor = 256  
 Rounded Slope = 585  
 Rounded Intercept = -165209  
 Correlation = 0.99917

**Calibration 2**

EFFLUCE SOUTH REGION  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 5h 80-00904  
 09/15/2016  
 Software: 8100.27

Flow Rate Calibration\*\*\*\*\*  
 1: Rate (Liters/min) = 5  
 SQRT(DIF) = 6.707  
 2: Rate (Liters/min) = 15  
 SQRT(DIF) = 12.328  
 3: Rate (Liters/min) = 30  
 SQRT(DIF) = 21.305

Dependent Data Scale Factor = 10000 L/min  
 Independent Data Scale Factor = 256  
 Rounded Slope = 667  
 Rounded Intercept = -631026  
 Correlation = 0.99995

*ggm*  
*JK*

Note: 7-11-21 SQRT