



Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Hendry CountyS/N 80-006234Date In 5/30/17Date Out 6/6/17☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

Intake		Performed By <u>SP</u>		Quality Checks		Performed By <u>SP</u>		Flow Calibration		Performed By <u>SP</u>																																					
☐ Registration ☒ Annual ☐ Return from CMI ☐ Return from Enforcement Electronics ☐ Other _____				☒ Lab Temp °C <u>19.9</u> ☒ Breath Tube Screen ☒ Replace External O-Rings ☒ Instrument Set Up Verified ☒ R-Value <u>237</u> ☒ Flow Verification (L/s) Flow Column # <u>ATP103</u> 32mm <u>.156</u> (.139 - .169) 36mm <u>.171</u> (.156 - .190) 53mm <u>.234</u> (.228 - .278) 103mm <u>.496</u> (.447 - .547)				☒ Flow Calibration N/A ☐ Flow Calibration Complete Flow Column # _____ ☐ 5L/min - 17mm ☐ 15L/min - 53mm ☐ 30L/min - 103mm ☐ R-Value _____ ☐ Post Calibration Verification (L/s) Flow Column # _____ 32mm _____ (.139 - .169) 36mm _____ (.156 - .190) 53mm _____ (.228 - .278) 103mm _____ (.447 - .547)																																							
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				☒ Barometric Pressure Check Gauge ID # <u>28427</u> ☒ Stability Checks				Maintenance Performed By _____ ☐ Battery Replacement ☐ Dry Gas Regulator Replacement ☐ Breath Tube Replacement ☐ Other _____																																							
Other Equipment: ☐ Power cord ☐ Printer Cable ☒ Other <u>Static Bag</u>				<table border="1"> <thead> <tr> <th>Simulator</th> <th>Serial #</th> <th>Lot #/Exp</th> </tr> </thead> <tbody> <tr> <td>0.05</td> <td><u>SD3962</u></td> <td><u>201603D</u> <u>3-8-18</u></td> </tr> <tr> <td>0.08</td> <td><u>DR1279</u></td> <td><u>201611B</u> <u>11-15-18</u></td> </tr> <tr> <td>0.20</td> <td><u>DR3856</u></td> <td><u>201604C</u> <u>4-5-18</u></td> </tr> <tr> <td>0.08 DGS</td> <td>N/A</td> <td><u>AG619605</u> <u>7-14-18</u></td> </tr> </tbody> </table>				Simulator	Serial #	Lot #/Exp	0.05	<u>SD3962</u>	<u>201603D</u> <u>3-8-18</u>	0.08	<u>DR1279</u>	<u>201611B</u> <u>11-15-18</u>	0.20	<u>DR3856</u>	<u>201604C</u> <u>4-5-18</u>	0.08 DGS	N/A	<u>AG619605</u> <u>7-14-18</u>	Quality Checks Cont. Performed By <u>SP</u> Simulator Temperatures °C External Digital Therm. ID#: <u>300506</u> ☒ 34°C +/- .2 Serial #: <u>SD3962</u> ☒ 34°C +/- .2 Serial #: <u>SD3964</u> ☒ 34°C +/- .2 Serial #: <u>SD3933</u>																								
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Calibration Adjustment Performed By <u>SP</u> ☐ Calibration Adjustment N/A ☒ Calibration Adjustment Complete Barometric Pressure Gauge <u>1005</u> ID # <u>28421</u>				Department Inspection Performed By <u>SP</u> ☒ Barometric Pressure ID# <u>28427</u> Gauge <u>1005</u> <u>1006</u> Instrument Mouth Alcohol Solution Lot # <u>2016-A</u> Acetone Stock Solution Lot # <u>2017-A</u>																																											
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Attachments ☒ Form 41 ☒ Pre-Stability Tests ☐ Flow Calibration ☒ Calibration Adjustment ☒ Post-Stability Tests ☐ Other _____				Notes/Suggested Service: <u>PERFORMED CAL ADJUSTMENT TO BRING</u> <u>VALVES CLOSER TO NOMINAL SP</u> <u>QA/QC</u> <u>2/1/17</u> <u>6/6/17</u>																																											
Notes: _____ _____ _____ _____				Instrument Compliance: ☒ 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																																											

Quality Control Review

Date

STABILITY CHECKS - # 80-006234 - HENDRY COUNTY SO

HENDRY COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:24
Control Test	0.047	09:25
Air Blank	0.000	09:25
Control Test	0.048	09:26
Air Blank	0.000	09:26
Control Test	0.049	09:27
Air Blank	0.000	09:28
Control Test Stats		
Average	0.0480	
Std Dev	0.0010	
Rel Std Dev(%)	2.0833	

SP

Operator's Signature

SP

HENDRY COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:31
Control Test	0.076	09:32
Air Blank	0.000	09:32
Control Test	0.077	09:33
Air Blank	0.000	09:34
Control Test	0.077	09:34
Air Blank	0.000	09:35
Control Test Stats		
Average	0.0767	
Std Dev	0.0006	
Rel Std Dev(%)	0.7531	

SP

Operator's Signature

HENDRY COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:44
Control Test	0.195	09:45
Air Blank	0.000	09:46
Control Test	0.195	09:46
Air Blank	0.000	09:47
Control Test	0.195	09:48
Air Blank	0.000	09:48
Control Test Stats		
Average	0.1950	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP

Operator's Signature

HENDRY COUNTY SO
Intoxilyzer - Alcotest Analyzer
Model 8000
05/31/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.081	09:40
Air Blank	0.000	09:41
Control Test	0.080	09:41
Air Blank	0.000	09:42
Control Test	0.081	09:42
Air Blank	0.000	09:43
Control Test Stats		
Average	0.0807	
Std Dev	0.0006	
Rel Std Dev(%)	0.7157	

DGS

SP

SP

Operator's Signature

HENDRY COUNTY SO

Intoxilyzer - Alconol Analyzer

Model 8000

06/06/2017

08:22:44

Auto Calibration

Max Power Res Value = 54

Auto Range Res Value = 31

Sol Value = 0.000 g/210L ***

Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12561, Sum Io = 13016

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0370 (-0.0090)

Sample #2 = 0.0940 (-0.0180)

Sample #3 = 0.0800 (-0.0010)

Sample #4 = 0.0480 (-0.0230)

Avg % Abs = 0.0740 (-0.0020)

STD DEV = 0.0236 (-0.0205)

REL STD DEV = 31.864 (1025.914)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.0980 (-0.0060)

Sample #2 = 0.1340 (-0.0270)

Sample #3 = 0.1350 (-0.0230)

Sample #4 = 0.1110 (-0.0120)

Avg % Abs = 0.1267 (-0.0207)

STD DEV = 0.0136 (-0.0078)

REL STD DEV = 10.719 (37.584)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12555, Sum Io = 13007

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 0.7290 (-0.0050)

Sample #2 = 0.7320 (-0.0000)

Sample #3 = 0.7670 (-0.0050)

Sample #4 = 0.7710 (-0.0140)

Avg % Abs = 0.7567 (-0.0063)

STD DEV = 0.0215 (-0.0071)

REL STD DEV = 2.836 (112.020)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.4630 (-0.0050)

Sample #2 = 1.4740 (-0.0040)

Sample #3 = 1.5010 (-0.0050)

Sample #4 = 1.4840 (-0.0070)

Avg % Abs = 1.4663 (-0.0007)

STD DEV = 0.0137 (-0.0067)

REL STD DEV = 0.918 (398.749)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12547, Sum Io = 13003

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 1.7390 (-0.0020)

Sample #2 = 1.7850 (-0.0160)

Sample #3 = 1.7610 (-0.0160)

Sample #4 = 1.7400 (-0.0260)

Avg % Abs = 1.7620 (-0.0087)

STD DEV = 0.0225 (-0.0219)

REL STD DEV = 1.278 (253.146)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.4880 (-0.0000)

Sample #2 = 3.5170 (-0.0110)

Sample #3 = 3.4980 (-0.0080)

Sample #4 = 3.4850 (-0.0140)

Avg % Abs = 3.5000 (-0.0037)

STD DEV = 0.0161 (-0.0131)

REL STD DEV = 0.460 (355.941)

Sol Value = 0.200 g/210L ***

Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12543, Sum Io = 13001

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.3770 (-0.0130)

Sample #2 = 3.3440 (-0.0040)

Sample #3 = 3.3830 (-0.0050)

Sample #4 = 3.3360 (-0.0410)

Avg % Abs = 3.3543 (-0.0167)

STD DEV = 0.0251 (-0.0211)

REL STD DEV = 0.750 (126.475)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 6.6440 (-0.0070)

Sample #2 = 6.6320 (-0.0000)

Sample #3 = 6.6480 (-0.0050)

Sample #4 = 6.6160 (-0.0230)

Avg % Abs = 6.6320 (-0.0093)

STD DEV = 0.0160 (-0.0121)

REL STD DEV = 0.241 (129.609)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12539, Sum Io = 12998

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 4.9100 (-0.0010)

Sample #2 = 4.9180 (-0.0340)

Sample #3 = 4.9080 (-0.0360)

Sample #4 = 4.9220 (-0.0270)

Avg % Abs = 4.9160 (-0.0323)

STD DEV = 0.0072 (-0.0047)

REL STD DEV = 0.147 (14.616)

***** CHANNEL 2 *****

Sample % Abs (% Abs Ref)

Sample #1 = 9.5990 (-0.0020)

Sample #2 = 9.6200 (-0.0190)

Sample #3 = 9.6180 (-0.0140)

Sample #4 = 9.6510 (-0.0090)

Avg % Abs = 9.6297 (-0.0140)

STD DEV = 0.0185 (-0.0050)

REL STD DEV = 0.192 (35.714)

Sol Value = 0.040 g/210L ***

Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1

Sum Io = 12555, Sum Io = 13007

***** CHANNEL 1 *****

Sample % Abs (% Abs Ref)

Sample #1 = 3.3770 (-0.0130)

Sample #2 = 3.3440 (-0.0040)

Sample #3 = 3.3830 (-0.0050)

Sample #4 = 3.3360 (-0.0410)

Avg % Abs = 3.3543 (-0.0167)

STD DEV = 0.0251 (-0.0211)

REL STD DEV = 0.750 (126.475)

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

***** CHANNEL 1 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.074

Std Dev = 0.02 Rel Std Dev = 31.86

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.757

Std Dev = 0.02 Rel Std Dev = 2.84

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 1.762

Std Dev = 0.02 Rel Std Dev = 1.28

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 3.354

Std Dev = 0.03 Rel Std Dev = 0.75

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 4.916

Std Dev = 0.01 Rel Std Dev = 0.15

Zero Order Coef = -214.15

First Order Coef = 2774.77

Second Order Coef = 35.92

Standard Deviation = 19.064823

***** CHANNEL 2 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.127

Std Dev = 0.01 Rel Std Dev = 10.72

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 1.486

Std Dev = 0.01 Rel Std Dev = 0.92

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 3.500

Std Dev = 0.02 Rel Std Dev = 0.46

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 6.632

Std Dev = 0.02 Rel Std Dev = 0.24

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 9.630

Std Dev = 0.02 Rel Std Dev = 0.19

Zero Order Coef = -170.63

First Order Coef = 1366.16

Second Order Coef = 14.07

Standard Deviation = 15.004727

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

***** CHANNEL 1 *****

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.000

Std Dev = 0.040

Sol Val = 0.1905 mg/l or 0.040 g/210L

% Abs = 0.200

Std Dev = 0.300

Sol Val = 0.4762 mg/l or 0.100 g/210L

% Abs = 0.000

Std Dev = 0.040

Sol Val = 0.9524 mg/l or 0.200 g/210L

% Abs = 0.040

Std Dev = 0.100

Sol Val = 1.4286 mg/l or 0.300 g/210L

% Abs = 0.100

Std Dev = 0.200

Sol Val = 0.0000 mg/l or 0.000 g/210L

% Abs = 0.000

Std Dev = 0.000

Sol Value = 0.080 g/210L ***

Fit value = 0.3810 mg/l %%%

Samples Taken = 4, Discarded = 1

***** CHANNEL 1 *****

Sample #1 = 3073.00

Sample #2 = 3110.00

Sample #3 = 3087.00

Sample #4 = 3076.00

Average Result = 3091.0000

STD DEV = 17.3494

REL STD DEV = 0.561

***** CHANNEL 2 *****

Sample #1 = 3283.00

Sample #2 = 3281.00

Sample #3 = 3290.00

Sample #4 = 3298.00

Average Result = 3289.6667

STD DEV = 8.5049

REL STD DEV = 0.259

***** CHANNEL 1 *****

Dry Gas H2O Adjust Results *****

Barometric Pressure = 1006

3 um H2O Adjust (mg/l*10,000) = 718

9 um H2O Adjust (mg/l*10,000) = 520

***** AUTO CAL PASS *****

CALIBRATION
ADJUSTMENT SP
#80-006234

POST CALIBRATION STABILITY CHECKS - #80-006234

HENDRY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006234
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:42
Control Test	0.049	09:43
Air Blank	0.000	09:43
Control Test	0.049	09:44
Air Blank	0.000	09:45
Control Test	0.050	09:45
Air Blank	0.000	09:46
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

SP
Operator's Signature

HENDRY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006234
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:52
Control Test	0.080	09:53
Air Blank	0.000	09:53
Control Test	0.080	09:54
Air Blank	0.000	09:54
Control Test	0.081	09:55
Air Blank	0.000	09:55
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

SP
Operator's Signature

HENDRY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006234
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:59
Control Test	0.199	10:00
Air Blank	0.000	10:00
Control Test	0.200	10:01
Air Blank	0.000	10:01
Control Test	0.200	10:02
Air Blank	0.000	10:03
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

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Operator's Signature

HENDRY COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006234
06/06/2017
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:47
Control Test	0.081	09:47
Air Blank	0.000	09:47
Control Test	0.081	09:48
Air Blank	0.000	09:48
Control Test	0.081	09:49
Air Blank	0.000	09:49
Control Test Stats		
Average	0.0810	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

SP
Operator's Signature

SP