



INSTRUMENT PROCESSING SHEET

Agency Kennedy Space CenterS/N 80-006621

Florida Department of Law Enforcement

Date In 02/07/2018 DI Completion Date 2/13/18 Ship P/U H/D CMI EE

Intake Performed By <u>JF</u> <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 type="checkbox"/> Static Bag <input type="checkbox"/> 12V DC Cable Notes: _____ _____ _____	Quality Checks Performed By <u>SP</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>227</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.156</u> (.139 - .169) 36 mm <u>.179</u> (.156 - .190) 53 mm <u>.238</u> (.228 - .278) 103 mm <u>.496</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28662</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 <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FDLE</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FEB 13 2018</div> <div style="text-align: center; font-weight: bold;">Alcohol Testing Program</div>	<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><u>G2835</u></td> <td><u>SD396</u> 201707D 07/25/2019</td> </tr> <tr> <td>0.080</td> <td><u>SD1013</u></td> <td>201707E 07/25/2019</td> </tr> <tr> <td>0.200</td> <td><u>SD1025</u></td> <td>201707C 07/24/2019</td> </tr> <tr> <td>0.080 DGS</td> <td>N/A</td> <td><u>AG715202</u> 6-1-19</td> </tr> </tbody> </table>	Simulator	Serial #	Lot #/Exp	0.050	<u>G2835</u>	<u>SD396</u> 201707D 07/25/2019	0.080	<u>SD1013</u>	201707E 07/25/2019	0.200	<u>SD1025</u>	201707C 07/24/2019	0.080 DGS	N/A	<u>AG715202</u> 6-1-19	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>SP</u> <input checked="" type="checkbox"/> Lab Temp °C <u>22.0</u> External Digital Therm. ID#: <u>300502</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>G2835</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1013</u> <input checked="" type="checkbox"/> 34°C +/- .2 Serial #: <u>SD1025</u>																																												
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Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: KENNEDY SPACE CENTER
Time of Inspection: 13:25

Date of Inspection: 02/13/2018

Serial Number: 80-006621
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#: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#:AG626604 Exp: 09/22/2018
0.000	0.049	0.081	0.199	0.080
0.000	0.049	0.082	0.199	0.080
0.000	0.049	0.082	0.200	0.080
0.000	0.049	0.082	0.199	0.080
0.000	0.049	0.082	0.200	0.079
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0.000	0.049	0.083	0.200	0.080
0.000	0.049	0.082	0.201	0.080

Standard Deviations	0.0000	0.0005	0.0006	0.0003
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0003 Number of Simulators Used: 5 ggm

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.

Shayla Platt

SHAYLA D PLATT

Signature and Printed Name

02/13/2018
Date

2/13/18
JJ

STABILITY CHECKS # 80-006621

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:56
Control Test	0.047	09:57
Air Blank	0.000	09:57
Control Test	0.048	09:58
Air Blank	0.000	09:59
Control Test	0.048	09:59
Air Blank	0.000	10:00
Control Test Stats		
Average	0.0477	
Std Dev	0.0006	
Rel Std Dev(%)	1.2112	

SP

Operator's Signature

8/13/18
es

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:08
Control Test	0.079	10:09
Air Blank	0.000	10:10
Control Test	0.080	10:10
Air Blank	0.000	10:11
Control Test	0.080	10:12
Air Blank	0.000	10:12
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

SP

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:24
Control Test	0.194	10:24
Air Blank	0.000	10:25
Control Test	0.195	10:26
Air Blank	0.000	10:26
Control Test	0.196	10:27
Air Blank	0.000	10:27
Control Test Stats		
Average	0.1950	
Std Dev	0.0010	
Rel Std Dev(%)	0.5128	

SP

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:03
Control Test	0.077	10:04
Air Blank	0.000	10:04
Control Test	0.076	10:04
Air Blank	0.000	10:05
Control Test	0.076	10:05
Air Blank	0.000	10:06
Control Test Stats		
Average	0.0763	
Std Dev	0.0006	
Rel Std Dev(%)	0.7564	

DGS

SP

Operator's Signature

es



Florida Department of Law Enforcement
 Alcohol Testing Program
 2729 Fort Knox Blvd.
 Bldg. 2, Suite 1300
 Tallahassee, FL 32308

Calibration Certificate

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006621, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-006621</u>	UNCERTAINTY* ±	
Owning Agency:	<u>KENNEDY SPACE CENTER</u>	0.05 g/ 210 L	0.004
Calibration Date:	<u>02/13/2018</u>	0.08 g/ 210 L	0.005
Calibration Time:	<u>13:25</u>	0.20 g/ 210 L	0.008
		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% 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.

This document shall not be reproduced except in full, without written approval of the Florida Department of Law Enforcement Alcohol Testing Program.

02/13/2018 _____
 Date SHAYLA D PLATT,
 Department Inspector

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

Service • Integrity • Respect • Quality

8/13/18
 OC

GOON

KENNEDY SPACE CENTER

Toxi Analyzer - Alconol Analyzer

Model 8000 SN 80-006621
02/13/2018 10:46:45

Auto Calibration

Max Power Res Value = 119
Auto Range Res Value = 96

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%

Samples Taken = 4, Discarded = 1
Sum Io = 12738, Sum Io = 12803

CHANNL 1 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.1190 (-0.0150)
Sample #2 = 0.0780 (0.0000)
Sample #3 = 0.1100 (-0.0240)
Sample #4 = 0.1440 (-0.0190)
Aug % Abs = 0.1107 (-0.0143)
STD DEV = 0.0330 (0.0127)
REL STD DEV = 29.824 (88.341)

CHANNL 2 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.1410 (-0.0220)
Sample #2 = 0.1410 (-0.0240)
Sample #3 = 0.1610 (-0.0290)
Sample #4 = 0.1600 (-0.0260)
Aug % Abs = 0.1540 (-0.0263)
STD DEV = 0.0113 (0.0025)
REL STD DEV = 7.318 (9.557)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%

Samples Taken = 4, Discarded = 1
Sum Io = 12735, Sum Io = 12803

CHANNL 1 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 0.8180 (-0.0100)
Sample #2 = 0.7900 (0.0030)
Sample #3 = 0.8290 (-0.0050)
Sample #4 = 0.8540 (-0.0140)
Aug % Abs = 0.8243 (-0.0053)
STD DEV = 0.0323 (0.0085)
REL STD DEV = 3.913 (159.467)

2/13/18
sa

CHANNL 2 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 1.5350 (-0.0200)
Sample #2 = 1.5110 (-0.0070)
Sample #3 = 1.5370 (-0.0100)
Sample #4 = 1.5640 (-0.0340)
Aug % Abs = 1.5373 (-0.0170)
STD DEV = 0.0265 (0.0148)
REL STD DEV = 1.724 (87.051)

Sol Value = 0.100 g/210L ***

Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1

Sum Io = 12732, Sum Io = 12803

CHANNL 1 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 1.8800 (-0.0030)
Sample #2 = 1.8660 (0.0030)
Sample #3 = 1.8920 (0.0000)
Sample #4 = 1.8920 (0.0000)
Aug % Abs = 1.8900 (0.0010)
STD DEV = 0.0035 (0.0017)
REL STD DEV = 0.183 (173.205)

CHANNL 2 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 3.5970 (0.0000)
Sample #2 = 3.5720 (0.0150)
Sample #3 = 3.5930 (0.0150)
Sample #4 = 3.5930 (0.0120)
Aug % Abs = 3.5860 (0.0140)
STD DEV = 0.0121 (0.0017)
REL STD DEV = 0.338 (112.372)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%

Samples Taken = 4, Discarded = 1
Sum Io = 12731, Sum Io = 12802

CHANNL 1 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 3.6190 (0.0020)
Sample #2 = 3.6560 (-0.0040)
Sample #3 = 3.6710 (-0.0030)
Sample #4 = 3.6260 (0.0180)
Aug % Abs = 3.6510 (0.0037)
STD DEV = 0.0229 (0.0124)
REL STD DEV = 0.628 (338.812)

CHANNL 2 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 6.8620 (-0.0040)
Sample #2 = 6.8730 (0.0050)
Sample #3 = 6.8720 (0.0010)
Sample #4 = 6.8380 (0.0280)
Aug % Abs = 6.8610 (0.0113)
STD DEV = 0.0199 (0.0146)
REL STD DEV = 0.290 (128.573)

Sol Value = 0.300 g/210L ***

Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1

Sum Io = 12730, Sum Io = 12800

CHANNL 1 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 5.3150 (-0.0290)
Sample #2 = 5.2800 (0.0220)
Sample #3 = 5.3400 (0.0010)
Sample #4 = 5.2810 (0.0310)
Aug % Abs = 5.3003 (0.0180)
STD DEV = 0.0344 (0.0154)
REL STD DEV = 0.648 (85.327)

CHANNL 2 >>>>

Sample % Abs (% Abs Ref)
Sample #1 = 9.8890 (-0.0070)
Sample #2 = 9.8690 (0.0370)
Sample #3 = 9.9340 (0.0080)
Sample #4 = 9.8830 (0.0230)
Aug % Abs = 9.8953 (0.0227)
STD DEV = 0.0342 (0.0145)
REL STD DEV = 0.346 (63.983)

AUTO CAL DATA *****

CHANNL 1 >>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.11
Std Dev = 0.03 Rel Std Dev = 29.82
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.824
Std Dev = 0.03 Rel Std Dev = 3.91
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.890
Std Dev = 0.00 Rel Std Dev = 0.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.651
Std Dev = 0.02 Rel Std Dev = 0.63
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.300
Std Dev = 0.03 Rel Std Dev = 0.65
Zero Order Coef = -263.40
First Order Coef = 2584.88
Second Order Coef = 29.60
Standard Deviation = 32.706413

CHANNL 2 >>>>

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.154
Std Dev = 0.01 Rel Std Dev = 7.32
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.537
Std Dev = 0.03 Rel Std Dev = 1.72
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.586
Std Dev = 0.01 Rel Std Dev = 0.34
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.861
Std Dev = 0.02 Rel Std Dev = 0.29
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.895
Std Dev = 0.03 Rel Std Dev = 0.35
Zero Order Coef = -185.12
First Order Coef = 1325.29
Second Order Coef = 13.73
Standard Deviation = 23.227911

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

CHANNL 1

Sample #1 = 3023.00
Sample #2 = 2897.00
Sample #3 = 2888.00
Sample #4 = 2919.00
Average Result = 2901.3333
STD DEV = 15.9478
REL STD DEV = 0.550

CHANNL 2

Sample #1 = 3258.00
Sample #2 = 3233.00
Sample #3 = 3230.00
Sample #4 = 3225.00
Average Result = 3229.3333
STD DEV = 4.0415
REL STD DEV = 0.125

Dry Gas H2O Adjust Results *****
Barometric Pressure = 1029
3 um H2O Adjust (mg/l*10,000) = 908
9 um H2O Adjust (mg/l*10,000) = 580
**** AUTO CAL PASS

CAL ADJUSTMENT

#80-006621

Cam

POST CAL ADJUST STABILITY CHECKS # 80-006621

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:35
Control Test	0.049	11:36
Air Blank	0.000	11:36
Control Test	0.050	11:37
Air Blank	0.000	11:37
Control Test	0.050	11:38
Air Blank	0.000	11:39
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

SP

Operator's Signature

2/13/18
SP

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:40
Control Test	0.081	11:40
Air Blank	0.000	11:41
Control Test	0.082	11:42
Air Blank	0.000	11:42
Control Test	0.082	11:43
Air Blank	0.000	11:43
Control Test Stats		
Average	0.0817	
Std Dev	0.0006	
Rel Std Dev(%)	0.7070	

SP

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:44
Control Test	0.197	11:45
Air Blank	0.000	11:46
Control Test	0.200	11:46
Air Blank	0.000	11:47
Control Test	0.201	11:48
Air Blank	0.000	11:48
Control Test Stats		
Average	0.1993	
Std Dev	0.0021	
Rel Std Dev(%)	1.0443	

SP

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006621
02/13/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:49
Control Test	0.081	11:49
Air Blank	0.000	11:50
Control Test	0.080	11:50
Air Blank	0.000	11:51
Control Test	0.080	11:51
Air Blank	0.000	11:52
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DGS

SP

Operator's Signature

SP