



INSTRUMENT PROCESSING SHEET

Agency Perry PDS/N 80-005337Florida Department of
Law EnforcementDate In 07/03/2018DI Completion Date 7/6/2018 Ship P/U H/D CMI EE

Intake Performed By <u>JH</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 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>AGM</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>107</u> <input checked="" type="checkbox"/> Flow Verification (L/s) Flow Column # <u>ATP102</u> 32 mm <u>.140</u> (.139 - .169) 36 mm <u>.164</u> (.156 - .190) 53 mm <u>.230</u> (.228 - .278) 103 mm <u>.429</u> (.447 - .547) <input checked="" type="checkbox"/> Barometric Pressure Check Gauge ID # <u>28427</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)
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Final Release Date

FDLE

JUL 09 2018

Alcohol Testing Program

Simulator	Serial #	Lot #/Exp
0.050	SD1018	201707D 07/25/2019
0.080	SD3962	201707E 07/25/2019
0.200	G2078	201707C 07/24/2019
0.080 DGS	N/A	A6805702 2/26/20

Maintenance Performed By _____

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other _____

Temperature Checks Performed By AGM

Lab Temp °C 21.4
 External Digital Therm. ID#: 300503
 34°C +/- .2 Serial #: SD1021
 34°C +/- .2 Serial #: DR1275
 34°C +/- .2 Serial #: SD1019

Calibration Adjustment AGM 1019 Performed By AGM

Barometric Pressure Gauge 28662 ID # 1028662

Simulator	Serial Number	Lot Number	Expiration
0.000	G8144	N/A	N/A
0.040	G2403	17410	12/6/19
0.100	G2879	18070	2/26/20
0.200	G3709	17340	10/9/19
0.300	G8149	18110	4/2/20
0.080 DGS	N/A	1781708082	8/5/19

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050	SD1018	201707D	7/25/19
0.080	SD3962	201707E	7/25/19
0.200	G2078	201707C	7/24/19
0.080 DGS	N/A	A6805702	2/26/20

Department Inspection Performed By AGM

Barometric Pressure ID# 28427
 Gauge 1019 Instrument 1018
 Mouth Alcohol Solution Lot # 2017-B
 Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1019

Attachments

Form 41 Post-Stability Checks
 Stability Checks Flow Calibration
 Calibration Certificate Form 40
 Calibration Adjustment Other _____

Notes/Suggested Service: All values were within tolerance, but cal. adjusted to bring them closer to nominal

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

7/9/18 J. E. Baker 7/9/18
 Tech Review / Date Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: PERRY POLICE DEPT
Time of Inspection: 11:03

Date of Inspection: 07/06/2018

Serial Number: 80-005337
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#:AG805702 Exp: 02/26/2020
0.000	0.048	0.080	0.197	0.079
0.000	0.050	0.082	0.201	0.080
0.000	0.049	0.082	0.200	0.079
0.000	0.049	0.082	0.202	0.080
0.000	0.050	0.082	0.202	0.079
0.000	0.049	0.082	0.202	0.079
0.000	0.050	0.082	0.201	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.082	0.202	0.079
0.000	0.050	0.082	0.202	0.080
Standard Deviations	0.0007	0.0006	0.0015	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0008 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.

Patrick J Murphy

PATRICK J MURPHY

Signature and Printed Name

07/06/2018
Date

7/9/18
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PERRY POLICE DEPT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005337
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:24
Control Test	0.047	12:24
Air Blank	0.000	12:25
Control Test	0.047	12:26
Air Blank	0.000	12:26
Control Test	0.047	12:27
Air Blank	0.000	12:27
Control Test Stats		
Average	0.0470	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy

Operator's Signature

PERRY POLICE DEPT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005337
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:38
Control Test	0.078	12:39
Air Blank	0.000	12:40
Control Test	0.078	12:40
Air Blank	0.000	12:41
Control Test	0.078	12:42
Air Blank	0.000	12:42
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

P Murphy

Operator's Signature

PERRY POLICE DEPT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005337
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:33
Control Test	0.195	12:34
Air Blank	0.000	12:34
Control Test	0.197	12:35
Air Blank	0.000	12:36
Control Test	0.196	12:36
Air Blank	0.000	12:37
Control Test Stats		
Average	0.1960	
Std Dev	0.0010	
Rel Std Dev(%)	0.5102	

P Murphy

Operator's Signature

PERRY POLICE DEPT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005337
07/05/2018
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:45
Control Test	0.082	12:45
Air Blank	0.000	12:46
Control Test	0.081	12:46
Air Blank	0.000	12:46
Control Test	0.083	12:47
Air Blank	0.000	12:47
Control Test Stats		
Average	0.0820	
Std Dev	0.0010	
Rel Std Dev(%)	1.2195	

DGS

P Murphy

Operator's Signature

7/9/18
JD



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 80-005337, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-005337</u>	UNCERTAINTY* ±
Owning Agency:	<u>PERRY POLICE DEPT</u>	0.050 g/ 210 L
Calibration Date:	<u>07/06/2018</u>	0.080 g/ 210 L
Calibration Time:	<u>11:03</u>	0.200 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 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.

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

07/06/2018 Date
Patrick J. Murphy
 PATRICK J MURPHY,
 Department Inspector

Service • Integrity • Respect • Quality

Handwritten signature and date: 7/9/18

PERRY POLICE DEPT
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-005337
07/05/2018 12:54:28

Auto Calibration
Max Power Res Value = 45
Auto Range Res Value = 28

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12535, 9um Io = 13342

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.0310 (-0.0000)
Sample #2 = 0.0860 (0.0170)
Sample #3 = 0.0360 (0.0510)
Sample #4 = 0.0570 (0.0670)
Avg % Abs = 0.0597 (0.0450)
STD DEU = 0.0251 (0.0255)
REL STD DEU = 42.078 (56.743)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.1100 (-0.0110)
Sample #2 = 0.1220 (-0.0030)
Sample #3 = 0.1550 (-0.0090)
Sample #4 = 0.1190 (0.0150)
Avg % Abs = 0.1320 (0.0010)
STD DEU = 0.0200 (0.0125)
REL STD DEU = 15.133 (1249.000)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12520, 9um Io = 13339

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 0.8200 (-0.0140)
Sample #2 = 0.8220 (0.0080)
Sample #3 = 0.8100 (0.0200)
Sample #4 = 0.8090 (0.0290)
Avg % Abs = 0.8137 (0.0190)
STD DEU = 0.0072 (0.0105)
REL STD DEU = 0.889 (55.451)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.5510 (-0.0050)
Sample #2 = 1.5490 (0.0190)
Sample #3 = 1.5540 (0.0200)
Sample #4 = 1.5370 (0.0290)
Avg % Abs = 1.5467 (0.0227)
STD DEU = 0.0087 (0.0055)
REL STD DEU = 0.565 (24.298)

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12513, 9um Io = 13337

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 1.8760 (-0.0220)
Sample #2 = 1.8810 (0.0020)
Sample #3 = 1.8840 (0.0180)
Sample #4 = 1.8680 (0.0500)
Avg % Abs = 1.8777 (0.0233)
STD DEU = 0.0085 (0.0244)
REL STD DEU = 0.453 (104.745)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.5630 (-0.0020)
Sample #2 = 3.5380 (0.0310)
Sample #3 = 3.5260 (0.0520)
Sample #4 = 3.5350 (0.0640)
Avg % Abs = 3.5330 (0.0490)
STD DEU = 0.0062 (0.0167)
REL STD DEU = 0.177 (34.088)

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12509, 9um Io = 13332

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 3.5460 (0.0110)
Sample #2 = 3.5880 (0.0250)
Sample #3 = 3.5370 (0.0600)
Sample #4 = 3.5990 (0.0460)
Avg % Abs = 3.5747 (0.0437)
STD DEU = 0.0331 (0.0176)
REL STD DEU = 0.925 (40.343)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 6.6340 (-0.0040)
Sample #2 = 6.6300 (0.0600)
Sample #3 = 6.6300 (0.0680)
Sample #4 = 6.6610 (0.0610)
Avg % Abs = 6.6403 (0.0630)
STD DEU = 0.0179 (0.0044)
REL STD DEU = 0.270 (6.919)

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l %%%
Samples Taken = 4, Discarded = 1
Sum Io = 12504, 9um Io = 13329

Channel 1 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 5.2980 (-0.0120)
Sample #2 = 5.2820 (0.0570)
Sample #3 = 5.2820 (0.0680)
Sample #4 = 5.2580 (0.0760)
Avg % Abs = 5.2740 (0.0670)
STD DEU = 0.0139 (0.0095)
REL STD DEU = 0.263 (14.238)

Channel 2 Data:
Sample % Abs (% Abs Ref)
Sample #1 = 9.6950 (-0.0100)
Sample #2 = 9.6730 (0.0950)
Sample #3 = 9.6720 (0.1360)
Sample #4 = 9.6970 (0.1280)
Avg % Abs = 9.6807 (0.1197)
STD DEU = 0.0142 (0.0217)
REL STD DEU = 0.146 (18.161)

Auto Cal Data Channel 1:
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.060
Std Dev = 0.03 Rel Std Dev = 42.08
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.814
Std Dev = 0.01 Rel Std Dev = 0.89
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.878
Std Dev = 0.01 Rel Std Dev = 0.45
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.575
Std Dev = 0.03 Rel Std Dev = 0.93
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.274
Std Dev = 0.01 Rel Std Dev = 0.26
Zero Order Coef = -192.49
First Order Coef = 2604.27
Second Order Coef = 27.46
Standard Deviation = 43.503971

Channel 2 Data:
Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.132
Std Dev = 0.02 Rel Std Dev = 15.13
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.547
Std Dev = 0.01 Rel Std Dev = 0.56
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.533
Std Dev = 0.01 Rel Std Dev = 0.18
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.640
Std Dev = 0.02 Rel Std Dev = 0.27
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.681
Std Dev = 0.01 Rel Std Dev = 0.15
Zero Order Coef = -211.94
First Order Coef = 1368.67
Second Order Coef = 13.52
Standard Deviation = 38.492046

Solution Stats Quadratic Fit Chan 1		
Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0008
0.040	0.041	-0.0008
0.100	0.101	-0.0007
0.200	0.199	0.0012
0.300	0.300	-0.0004

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Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	-0.001	0.0007
0.040	0.041	-0.0007
0.100	0.101	-0.0006
0.200	0.199	0.0011
0.300	0.300	-0.0004

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

***** CHANNEL 1
 Sample #1 = 3337.00
 Sample #2 = 3381.00
 Sample #3 = 3370.00
 Sample #4 = 3350.00
 Average Result = 3367.0000
 STD DEV = 15.7162
 REL STD DEV = 0.467

***** CHANNEL 2
 Sample #1 = 3245.00
 Sample #2 = 3249.00
 Sample #3 = 3222.00
 Sample #4 = 3227.00
 Average Result = 3232.6667
 STD DEV = 14.3643
 REL STD DEV = 0.444

 Dry Gas H2O Adjust Results *****
 Barometric Pressure = 1019
 3 um H2O Adjust (mg/l*10,000) = 442
 9 um H2O Adjust (mg/l*10,000) = 577
 ***** AUTO CAL PASS

POST CALIBRATION
 Adjust Stabilities

(Handwritten mark)

PERRY POLICE DEPT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005337
 07/05/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:43
Control Test	0.050	13:44
Air Blank	0.000	13:44
Control Test	0.049	13:45
Air Blank	0.000	13:46
Control Test	0.050	13:46
Air Blank	0.000	13:47
Control Test Stats		
Average	0.0497	
Std Dev	0.0006	
Rel Std Dev(%)	1.1625	

P. Murphy
 Operator's Signature

PERRY POLICE DEPT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005337
 07/05/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:55
Control Test	0.199	13:55
Air Blank	0.000	13:56
Control Test	0.200	13:57
Air Blank	0.000	13:57
Control Test	0.200	13:58
Air Blank	0.000	13:59
Control Test Stats		
Average	0.1997	
Std Dev	0.0006	
Rel Std Dev(%)	0.2892	

P. Murphy
 Operator's Signature

PERRY POLICE DEPT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005337
 07/05/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	13:50
Control Test	0.080	13:50
Air Blank	0.000	13:51
Control Test	0.081	13:52
Air Blank	0.000	13:52
Control Test	0.080	13:53
Air Blank	0.000	13:53
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

P. Murphy
 Operator's Signature

PERRY POLICE DEPT
 Intoxilyzer - Alcohol Analyzer
 Model 8000 SN 80-005337
 07/05/2018
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	14:12
Control Test	0.080	14:13
Air Blank	0.000	14:13
Control Test	0.080	14:13
Air Blank	0.000	14:14
Control Test	0.081	14:14
Air Blank	0.000	14:15
Control Test Stats		
Average	0.0803	
Std Dev	0.0006	
Rel Std Dev(%)	0.7187	

DGS

P. Murphy
 Operator's Signature

7/9/18
(Handwritten initials)