



INSTRUMENT PROCESSING SHEET

Agency Mexico Beach PDS/N 80-001306

Florida Department of Law Enforcement

Date In 8/13/2018DI Completion Date 8/15/18 Ship P/U H/D CMI EE

Intake Performed By SJC

Annual
 Registration
 Return from CMI / EE

Visual Inspection:
 Case Handle
 Keyboard Dry Gas Shelf
 Feet Breath Tube
 Ports Screws Tight

Other Equipment/ Accessories:
 Power cord Printer Cable
 Static Bag 12V DC Cable

Notes: note: needs battery

Quality Checks Performed By (SJC)

Breath Tube Screen
 Replace External O-Rings
 Instrument Set Up Verified
 R-Value 231
 Flow Verification (L/s)
 Flow Column # ATP103
 32 mm .140 (.139 - .169)
 36 mm .152 (.156 - .190)
 53 mm .226 (.228 - .278)
 103 mm .492 (.447 - .547)

Barometric Pressure Check
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD1021	201707D 7/25/19
0.080	DR1275	201707E 7/25/19
0.200	SD1013	201707C 7/24/19
0.080 DGS	N/A	AG805701 2/26/20

Flow Calibration Performed By (SJC)

Flow Column # ATP103
 5L/min - 17mm
 15L/min - 53mm
 30L/min - 103mm
 R-Value 232
 Post Calibration Verification (L/s)
 Flow Column # ATP102
 32 mm .152 (.139 - .169)
 36 mm .179 (.156 - .190)
 53 mm .234 (.228 - .278)
 103 mm .488 (.447 - .547)

Maintenance Performed By (SJC)

Battery Replacement
 Dry Gas Regulator Replacement
 Breath Tube Replacement
 Other

Temperature Checks Performed By (SJC)

Lab Temp °C 21.1
 External Digital Therm. ID#: 300503
 34°C +/-2 Serial #: SD1021
 34°C +/-2 Serial #: DR1275
 34°C +/-2 Serial #: SD1013

Final Release Date

FDLE

AUG 20 2018

Alcohol Testing Program

Calibration Adjustment Performed By _____

Barometric Pressure Gauge _____ ID # _____

Simulator	Serial Number	Lot Number	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

Post Calibration Adjustment Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection Performed By (SJC)

Barometric Pressure ID# 28427
 Gauge 1014 Instrument 1013
 Mouth Alcohol Solution Lot # 2018-B
 Acetone Stock Solution Lot # 2018-A

Simulator	Serial Number
0.000	G11621
Interferent	DR3855
0.050	SD1021
0.080	DR1275
0.200	SD1013

Attachments

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

Notes/Suggested Service: _____

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

8/16/18 Tech Review / Date J. Dahan 8/20/18 Admin Review / Date

Florida Department of Law Enforcement Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: MEXICO BEACH PD
Time of Inspection: 12:02

Date of Inspection: 08/15/2018

Serial Number: 80-001306
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#:AG805701 Exp: 02/26/2020
0.000	0.049	0.079	0.198	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.048	0.080	0.200	0.078
0.000	0.049	0.080	0.200	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.049	0.080	0.199	0.078
0.000	0.048	0.080	0.199	0.079
0.000	0.048	0.080	0.199	0.078
0.000	0.049	0.080	0.199	0.079

Standard Deviations	0.0004	0.0003	0.0005	0.0004
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Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 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

08/15/2018
Date

*8/20/18
JA*

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
08/15/2018
Software: 8100.27

Test	g/210L	Time	
Air Blank	0.000	08:58	
Control Test	0.048	08:59	
Air Blank	0.000	09:00	
Control Test	0.049	09:00	
Air Blank	0.000	09:01	
Control Test	0.047	09:01	
Air Blank	0.000	09:02	
Control Test Stats			
Average	0.0480		
Std Dev	0.0010		
Rel Std Dev(%)	2.0833		

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
08/15/2018
Software: 8100.27

Test	g/210L	Time	
Air Blank	0.000	09:04	
Control Test	0.079	09:04	
Air Blank	0.000	09:05	
Control Test	0.079	09:06	
Air Blank	0.000	09:06	
Control Test	0.080	09:07	
Air Blank	0.000	09:07	
Control Test Stats			
Average	0.0793		
Std Dev	0.0006		
Rel Std Dev(%)	0.7277		

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
08/15/2018
Software: 8100.27

Test	g/210L	Time	
Air Blank	0.000	09:09	
Control Test	0.195	09:09	
Air Blank	0.000	09:10	
Control Test	0.198	09:10	
Air Blank	0.000	09:11	
Control Test	0.199	09:12	
Air Blank	0.000	09:12	
Control Test Stats			
Average	0.1973		
Std Dev	0.0021		
Rel Std Dev(%)	1.0549		

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
08/15/2018
Software: 8100.27

Test	g/210L	Time	
Air Blank	0.000	09:14	
Control Test	0.078	09:15	
Air Blank	0.000	09:15	
Control Test	0.078	09:16	
Air Blank	0.000	09:16	
Control Test	0.078	09:16	
Air Blank	0.000	09:17	
Control Test Stats			
Average	0.0780		
Std Dev	0.0000		
Rel Std Dev(%)	0.0000		

DGS

P Murphy
Operator's Signature

MEXICO BEACH PD
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001306
08/14/2018
Software: 8100.27

Flow Rate Calibration*****

1: Rate (Liters/min) = 5

SQRT(Diff) = 6.926

2: Rate (Liters/min) = 15

SQRT(Diff) = 11.488

3: Rate (Liters/min) = 30

SQRT(Diff) = 21.633

Dependent Data Scale Factor = 100000 L/min

Independent Data Scale Factor = 256

Rounded Slope = 650

Rounded Intercept = -553294

Correlation = 0.99493

PDM

8/20/18
JLZ



Calibration Certificate

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

This is to certify the calibration of Intoxilyzer 8000 serial number 80-001306, manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	<u>80-001306</u>	UNCERTAINTY* ±	
Owning Agency:	<u>MEXICO BEACH PD</u>	0.050 g/ 210 L	0.004
Calibration Date:	<u>08/15/2018</u>	0.080 g/ 210 L	0.005
Calibration Time:	<u>12:02</u>	0.200 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 99.73% 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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08/15/2018

Date

Patrick J Murphy

PATRICK J MURPHY,
Department Inspector

FDLE/ATP Form 69 July 2018

Issuing Authority: Alcohol Testing Program

Service • Integrity • Respect • Quality

8/20/18
JD/18