

## INSTRUMENT PROCESSING SHEET

RECEIVED

MAY 01 2017

Agency Brevard County

S/N 80-001010

Date In 5/1/17

Date Out 5/1/17

Ship  P/U  H/D  CMI  DEF **FDLE**  
Alcohol Testing Program

**Intake** Performed By TOP

Registration  
 Annual  
 Return from CMI  
 Return from Enforcement Electronics  
 Other \_\_\_\_\_

Visual Inspection:  
OK Case OK Handle  
OK Dry Gas Holder OK Feet  
OK Keyboard/Plug OK Back/Plugs  
OK Screws tight OK Breath Hose

Other Equipment:  
 Power cord  
 Printer Cable  
 Other 5-12

Notes: \_\_\_\_\_

**Quality Checks** Performed By SP

Breath Tube Screen  
 Replace O-Rings  
 Instrument Set Up Verified  
 R-Value 147  
 Flow Verification (L/s)  
 Flow Column # ATP103  
 32mm .140 (.139 - .169)  
 36mm .160 (.156 - .190)  
 53mm .222 (.228 - .278)  
 103mm .480 (.447 - .547)

Barometric Pressure Check  
 Gauge ID # 28427

Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	<u>G3709</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>AG1612405</u> <u>5-3-18</u>

**Flow Calibration** Performed By SP

Flow Calibration N/A  
 Flow Calibration Complete  
 Flow Column # ATP105  
 5L/min - 17mm  
 15L/min - 53mm  
 30L/min - 103mm  
 R-Value 158  
 Post Calibration Verification (L/s)  
 Flow Column # ATP103  
 32mm .144 (.139 - .169)  
 36mm .160 (.156 - .190)  
 53mm .234 (.228 - .278)  
 103mm .492 (.447 - .547)

**Maintenance** Performed By \_\_\_\_\_

Battery Replacement  
 Dry Gas Regulator Replacement  
 Breath Tube Replacement  
 Other \_\_\_\_\_

**Suggested Service**

**Optical Bench Calibration** Performed By \_\_\_\_\_

Optical Bench Calibration N/A  
 Optical Bench Calibration Complete  
 Barometric Pressure Gauge ID # \_\_\_\_\_

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		

Post Calibration Stability Checks

Simulator	Serial Number	Lot Number	Expiration
0.05			
0.08			
0.20			
0.08 DGS	N/A		

**Department Inspection** Performed By SP

Barometric Pressure ID# 28427 Gauge 1014 Instrument 1018

Mouth Alcohol Solution Lot # 2016-A  
 Acetone Stock Solution Lot # 2017-A

Simulator	Serial Number
0.00	<u>G2880</u>
Interferent	<u>G2834</u>
0.05	<u>G3709</u>
0.08	<u>DR1279</u>
0.20	<u>DR3856</u>

**Attachments**

Form 41  
 Pre-Stability Tests  
 Flow Calibration  
 Optical Bench Cal  
 Post-Stability Tests  
 Other FORM 40

Notes: QA/OC OK PGM 5/1/17

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

[Signature]  
Quality Control Review

5/1/17  
Date

STABILITY CHECKS - INSTRUMENT # 80-001010 - BREVARD COUNTY SO

BREVARD COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001010  
 05/01/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:05
Control Test	0.050	11:05
Air Blank	0.000	11:06
Control Test	0.050	11:07
Air Blank	0.000	11:07
Control Test	0.050	11:08
Air Blank	0.000	11:08
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP  
 -----  
 Operator's Signature

SP

BREVARD COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001010  
 05/01/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:00
Control Test	0.080	11:01
Air Blank	0.000	11:01
Control Test	0.079	11:02
Air Blank	0.000	11:03
Control Test	0.080	11:03
Air Blank	0.000	11:04
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

SP  
 -----  
 Operator's Signature

BREVARD COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001010  
 05/01/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:12
Control Test	0.198	11:13
Air Blank	0.000	11:14
Control Test	0.200	11:14
Air Blank	0.000	11:15
Control Test	0.199	11:15
Air Blank	0.000	11:16
Control Test Stats		
Average	0.1990	
Std Dev	0.0010	
Rel Std Dev(%)	0.5025	

SP  
 -----  
 Operator's Signature

BREVARD COUNTY S.O.  
 Intoxilyzer - Alcohol Analyzer  
 Model 8000 SN 80-001010  
 05/01/2017  
 Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:09
Control Test	0.080	11:09
Air Blank	0.000	11:10
Control Test	0.080	11:10
Air Blank	0.000	11:11
Control Test	0.080	11:11
Air Blank	0.000	11:12
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

P99M

SP  
 -----  
 Operator's Signature

FLOW CALIBRATION - INSTRUMENT #80-001010

BREVARD COUNTY S.O.  
Intoxilyzer - Alcohol Analyzer  
Model 8000 SN 80-001010  
05/01/2017  
Software: 8100.27

Flow Rate Calibration\*\*\*\*\*

1: Rate (Liters/min) = 5  
SQRT(Diff) ) = 6.926  
2: Rate (Liters/min) = 15  
SQRT(Diff) ) = 11.746  
3: Rate (Liters/min) = 30  
SQRT(Diff) ) = 21.516  
Dependent Data Scale Factor = 100000 L/min  
Independent Data Scale Factor = 256  
Rounded Slope = 659  
Rounded Intercept = -593935  
Correlation = 0.99693

BSM

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