FDLE
Alcohol Testing Program

INSTRUMENT PROCESSING SHEET

Agency Martin County SO S/N 80-001439

Date In 9/13/16 Date Out 9/20/16 ☒ Ship ☐ P/U ☐ H/D ☐ CMI ☐ EE

RECEIVED SEP 23 2016 FDLE Alcohol Testing Program

Intake Performed By SP

- ☐ Registration
- ☒ Annual
- ☐ Return from CMI
- ☐ Return from Enforcement Electronics
- ☐ Other

Visual Inspection:

- ok Case
- ok Dry Gas Holder
- ok Keyboard/Plug
- ok Screws tight
- ok Handle
- ok Feet
- ok Back/Plugs
- ok Breath Hose

Other Equipment:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Other

Notes:

Quality Checks Performed By SP

- ☒ Breath Tube Screen
- ☒ Replace O-Rings
- ☒ Instrument Set Up Verified
- ☒ R-Value 119
- ☒ Flow Verification (L/s)
  - Flow Column # ATP102
  - 32mm .132 (.139 - .169)
  - 36mm .144 (.156 - .190)
  - 53mm .226 (.228 - .278)
  - 103mm .507 (.447 - .547)
- ☒ Barometric Pressure Check
  - Gauge ID # 28427
- ☒ Stability Checks

Simulator	Serial #	Lot #/Exp
0.05	SD1018	201507A 7-14-17
0.08	SD1011	201601F 1-26-18
0.20	SD1025	201604C 4-5-18
0.08 DGS	N/A	AG1612405 5-3-18

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 123
- ☒ Post Calibration Verification (L/s)
  - Flow Column # ATP102
  - 32mm .144 (.139 - .169)
  - 36mm .156 (.156 - .190)
  - 53mm .222 (.228 - .278)
  - 103mm .488 (.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
  - 1011.6 Gauge
  - 1012 Instrument

Mouth Alcohol Solution Lot # 2015-A

Acetone Stock Solution Lot # 2016-B

Simulator	Serial Number
0.00	SD1019
Interferent	SD1021
0.05	SD1018
0.08	SD1011
0.20	SD1025

Attachments

- ☒ Form 41
- ☒ Pre-Stability Tests
- ☒ Flow Calibration
- ☐ Optical Bench Cal
- ☐ Post-Stability Tests
- ☐ Other

Notes: Completed 2nd Flow Cal to bring values within Range. SP

QC-KWS

- ☒ **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**

Brett Kirkland
Quality Control Review

9/23/16
Date

Revised November 2012

STABILITY CHECKS - INSTRUMENT# 80-001439 - MARTIN COUNTY SO
9/20/16

DGS
BK

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:53
Control Test	0.050	10:53
Air Blank	0.000	10:54
Control Test	0.049	10:54
Air Blank	0.000	10:55
Control Test	0.051	10:56
Air Blank	0.000	10:56
Control Test Stats		
Average	0.0500	
Std Dev	0.0010	
Rel Std Dev(%)	2.0000	

SP
Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	10:57
Control Test	0.080	10:58
Air Blank	0.000	10:58
Control Test	0.080	10:59
Air Blank	0.000	11:00
Control Test	0.080	11:00
Air Blank	0.000	11:01
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

SP
Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:02
Control Test	0.197	11:02
Air Blank	0.000	11:03
Control Test	0.197	11:04
Air Blank	0.000	11:04
Control Test	0.199	11:05
Air Blank	0.000	11:05
Control Test Stats		
Average	0.1977	
Std Dev	0.0012	
Rel Std Dev(%)	0.5842	

SP
Operator's Signature

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	11:06
Control Test	0.079	11:06
Air Blank	0.000	11:07
Control Test	0.081	11:07
Air Blank	0.000	11:08
Control Test	0.079	11:08
Air Blank	0.000	11:09
Control Test Stats		
Average	0.0797	
Std Dev	0.0012	
Rel Std Dev(%)	1.4494	

SP
Operator's Signature

RDS

FLOW CALIBRATION #1 - INSTRUMENT # 80-001439 - MARTIN COUNTY SO
9/20/16

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.633
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.703
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.723
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 638
Rounded Intercept = -515677
Correlation = 0.99740

RWB

FLOW CALIBRATION #2 - INSTRUMENT # 80-001439
MARTIN COUNTY SO
9/20/16

MARTIN COUNTY SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-001439
09/20/2016
Software: 8100.27

Flow Rate Calibration********
1: Rate (Liters/min) = 5
SQRT(Diff)) = 6.164
2: Rate (Liters/min) = 15
SQRT(Diff)) = 11.223
3: Rate (Liters/min) = 30
SQRT(Diff)) = 21.281
Dependent Data Scale Factor = 100000 L/min
Independent Data Scale Factor = 256
Rounded Slope = 637
Rounded Intercept = -435254
Correlation = 0.99728

RWB

Flow Calibration Performed By SSP

- ☐ Flow Calibration N/A
- ☒ Flow Calibration Complete
  - Flow Column # ATP105
  - ☒ 5L/min – 17mm
  - ☒ 15L/min – 53mm
  - ☒ 30L/min – 103mm
- ☒ R-Value 124
- ☒ Post Calibration Verification (L/s)
  - Flow Column # ATP102
  - 32mm .148 (.139 - .169)
  - 36mm .164 (.156 - .190)
  - 53mm .242 (.228 - .278)
  - 103mm .511 (.447 - .547)

BK