Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Kennedy Space Center S/N 80-006759

Date In 09-21-2023 DI Completion Date 10/2/2023 ■Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By ALL

■ 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:

Quality Checks By BS Date 10/2/2023

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 176
■ Flow Verification (L/s)
Flow Column # ATP103
32 mm 0.156 (.139 - .169)
36 mm 0.171 (.156 - .190)
53 mm 0.242 (.228 - .278)
103 mm 0.511 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 28662
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5088	202303K
		3/29/2025
0.080	MP5089	202303L
		3/29/2025
0.200	MP5090	202304C
		4/5/2025
0.080 DGS	N/A	06723080A5
		4/5/2025

Flow Calibration By Date

Flow Column #
❑ 5L/min – 17mm
❑ 15L/min – 53mm
❑ 30L/min – 103mm
❑ R-Value
❑ Post Calibration Verification (L/s)
Flow Column #
32 mm (.139 - .169)
36 mm (.156 - .190)
53 mm (.228 - .278)
103 mm (.447 - .547)

Maintenance By

❑ Battery Replacement
❑ Dry Gas Regulator Replacement
❑ Breath Tube Replacement
❑ Other

Calibration Adjustment By

Barometric Pressure Gauge ID #

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

Department Inspection By BS

Barometric Pressure ID# 28662
Gauge 1016 Instrument 1017
Mouth Alcohol Solution Lot # 2022-A
Acetone Stock Solution Lot # 2022-B

Simulator	Serial Number
0.000	MP5086
Interferent	MP5087
0.050	MP5088
0.080	MP5089
0.200	MP5090

Attachments

■ Form 41
■ Stability Checks
■ Calibration Certificate
❑ Calibration Adjustment
❑ Post-Stability Checks
❑ Flow Calibration
■ Form 40
❑ 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**

Israel Soto Digitally signed by Israel Soto Date: 2023.10.03 07:53:48 -04'00' — Tech Review / Date

Phil Nicodemo Digitally signed by Phil Nicodemo Date: 2023.10.03 09:48:49 -04'00' — Admin Review / Date

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: KENNEDY SPACE CENTER
Serial Number: 80-006759
Time of Inspection: 11:59
Date of Inspection: 10/02/2023
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#:202303K Exp: 03/29/2025	0.08g/210L Test (g/210L) Lot#:202303L Exp: 03/29/2025	0.20g/210L Test (g/210L) Lot#:202304C Exp: 04/05/2025	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:06723080A5 Exp: 04/05/2025
0.000	0.050	0.078	0.197	0.000 / 0.080
0.000	0.050	0.078	0.197	0.000 / 0.080
0.000	0.049	0.078	0.197	0.080 / 0.079
0.000	0.050	0.078	0.196	0.079 / 0.079
0.000	0.049	0.078	0.196	0.079 / 0.079
0.000	0.050	0.078	0.197	0.079 / 0.080
0.000	0.049	0.078	0.196	0.080 / 0.079
0.000	0.050	0.078	0.197	0.079 / 0.079
0.000	0.050	0.078	0.196	0.079 / 0.079
0.000	0.050	0.078	0.197	0.080 / 0.079
Standard Deviations	0.0004	0.0000	0.0005	0.0334 / 0.0004

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

Remarks:
08: Control Outside Tolerance, INLET UNPLUGGED. PLUGGED DRY GAS STANDARD HOSE INTO INLET AND REPEATED TEST.

The above instrument complies (X) 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.

Benjamin Siddoway
BENJAMIN W SIDDOWAY
Signature and Printed Name

10/02/2023
Date

FDLE/ATP Form 41 –Revised August 2005

Stability Checks

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
10/02/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:32
Control Test	0.049	09:32
Air Blank	0.000	09:33
Control Test	0.049	09:34
Air Blank	0.000	09:34
Control Test	0.050	09:35
Air Blank	0.000	09:35
Control Test Stats		
Average	0.0493	
Std Dev	0.0006	
Rel Std Dev(%)	1.1703	

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
10/02/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:10
Control Test	0.079	09:10
Air Blank	0.000	09:11
Control Test	0.079	09:12
Air Blank	0.000	09:12
Control Test	0.079	09:13
Air Blank	0.000	09:13
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
10/02/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:15
Control Test	0.197	09:15
Air Blank	0.000	09:16
Control Test	0.196	09:17
Air Blank	0.000	09:17
Control Test	0.196	09:18
Air Blank	0.000	09:18
Control Test Stats		
Average	0.1963	
Std Dev	0.0006	
Rel Std Dev(%)	0.2941	

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
10/02/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:21
Control Test	0.079	09:21
Air Blank	0.000	09:22
Control Test	0.079	09:22
Air Blank	0.000	09:23
Control Test	0.079	09:23
Air Blank	0.000	09:24
Control Test Stats		
Average	0.0790	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

DGS

Operator's Signature

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
2331 Phillips Road.
Suite B1032
Tallahassee, FL 32308

This is to certify the calibration of Intoxilyzer 8000 serial number 80-006759 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-006759
Owning Agency:	KENNEDY SPACE CENTER
Calibration Date:	10/02/2023
Calibration Time:	11:59

	UNCERTAINTY* ±
0.050 g/ 210 L	0.004
0.080 g/ 210 L	0.004
0.200 g/ 210 L	0.007
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).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

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. Simulator temperatures are checked with NIST traceable digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the use 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.

10/02/2023
Date

Benjamin Siddoway
Digitally signed by Benjamin Siddoway
Date: 2023.10.02 15:13:16 -04'00'

BENJAMIN W SIDDOWAY,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

AGENCY INSPECTION REPORT - INTOXILYZER 8000

Agency: KENNEDY SPACE CENTER
Time of Inspection: 08:50 Date of Inspection: 10/02/2023
Serial Number: 80-006759
Software: 8100.27

Check or Test	YES	NO
Date and/or Time Adjusted		No
Diagnostic Check (Pre-Inspection): OK		No
Alcohol Free Subject Test: 0.000		No
Mouth Alcohol Test: Slope Not Met		No
Interferent Detect Test: Interferent Detect		No
Diagnostic Check (Post-Inspection): OK		No

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#: Exp:	0.08g/210L Test (g/210L) Lot#: Exp:	0.20g/210L Test (g/210L) Lot#: Exp:	0.08 g/210L Dry Gas Std Test (g/210L) Lot#: Exp:

Number of Simulators Used: _____

Remarks:
COMPLIANCE NOT DETERMINED, BYPASS TO OPERATE

N/A compliance not determined

The above instrument ~~complies (X) does not comply ( ) with Chapter 11D-8, FAC.~~

I certify that I hold a valid Florida Department of Law Enforcement Agency Inspector Permit and that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Benjamin Siddoway
BENJAMIN W SIDDOWAY
Signature and Printed Name

10/02/2023
Date

FDLE/ATP Form 40 – March 2004

Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Kennedy Space Center S/N 80-006759

Date In 02-13-2023 DI Completion Date _____ ❑Ship ❑P/U ❑H/D ❑CMI ■EE

Intake By IS

■ 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: _____

Quality Checks By IS Date 02-16-2023

■ Breath Tube Screen
■ Replace External O-Rings
■ Instrument Set Up Verified
■ R-Value 172
■ Flow Verification (L/s)
Flow Column # ATP-105
32 mm 0.156 (.139 - .169)
36 mm 0.171 (.156 - .190)
53 mm 0.246 (.228 - .278)
103 mm 0.519 (.447 - .547)
■ Barometric Pressure Check
Gauge ID # 30793
■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP6291	202201C
		01-11-2024
0.080	MP6292	202201D
		01-18-2024
0.200	MP6293	202201E
		01-18-2024
0.080 DGS	N/A	AG229803
		10-25-2024

Flow Calibration By _____ Date _____

Flow Column # _____
❑ 5L/min – 17mm
❑ 15L/min – 53mm
❑ 30L/min – 103mm
❑ R-Value _____
❑ Post Calibration Verification (L/s)
Flow Column # _____
32 mm _____ (.139 - .169)
36 mm _____ (.156 - .190)
53 mm _____ (.228 - .278)
103 mm _____ (.447 - .547)

Maintenance By _____

❑ Battery Replacement
❑ Dry Gas Regulator Replacement
❑ Breath Tube Replacement
❑ Other _____

Calibration Adjustment By IS

Barometric Pressure Gauge 1017 ID # 28427

Simulator	Serial #	Lot #	Expiration
0.000	MP6294	N/A	N/A
0.040	MP6295	21410	09-30-2023
0.100			
0.200			
0.300			
0.080 DGS	N/A		

❑ Post Calibration Adjustment Stability Checks

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

Department Inspection By _____

Barometric Pressure ID# _____
Gauge _____ Instrument _____
Mouth Alcohol Solution Lot # _____
Acetone Stock Solution Lot # _____

Simulator	Serial Number
0.000	
Interferent	
0.050	
0.080	
0.200	

Attachments

❑ Form 41
■ Stability Checks
❑ Calibration Certificate
■ Calibration Adjustment
❑ Post-Stability Checks
❑ Flow Calibration
❑ Form 40
■ Other Form 51

Notes/Suggested Service: Values in Stability Checks outside nominal range. Repeated 0.050 Stability Check after tightening simulator and ensuring no leaks were present. Stability Checks performed 02-17-2023. Instrument failed 0.040 g/210L adjustment during Optical Bench Calibration Adjustment. Sending instrument to repair. Compliance with 11D-8 not determined. IS

❑ **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**

Tech Review / Date _____ Admin Review / Date _____

stability checks

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/17/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:12
Control Test	0.051	08:13
Air Blank	0.000	08:14
Control Test	0.046	08:14
Air Blank	0.000	08:15
Control Test	0.045	08:16
Air Blank	0.000	08:16
Control Test Stats		
Average	0.0473	
Std Dev	0.0032	
Rel Std Dev(%)	6.7913	

0.050 #1

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/17/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:21
Control Test	0.049	08:22
Air Blank	0.000	08:22
Control Test	0.048	08:23
Air Blank	0.000	08:24
Control Test	0.048	08:24
Air Blank	0.000	08:25
Control Test Stats		
Average	0.0483	
Std Dev	0.0006	
Rel Std Dev(%)	1.1945	

0.050 #2

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/17/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:26
Control Test	0.079	08:26
Air Blank	0.000	08:27
Control Test	0.073	08:28
Air Blank	0.000	08:28
Control Test	0.078	08:29
Air Blank	0.000	08:29
Control Test Stats		
Average	0.0767	
Std Dev	0.0032	
Rel Std Dev(%)	4.1929	

wet

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/17/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:30
Control Test	0.197	08:31
Air Blank	0.000	08:32
Control Test	0.197	08:32
Air Blank	0.000	08:33
Control Test	0.198	08:33
Air Blank	0.000	08:34
Control Test Stats		
Average	0.1973	
Std Dev	0.0006	
Rel Std Dev(%)	0.2926	

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/17/2023
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:36
Control Test	0.081	08:37
Air Blank	0.000	08:37
Control Test	0.080	08:37
Air Blank	0.000	08:38
Control Test	0.082	08:38
Air Blank	0.000	08:39
Control Test Stats		
Average	0.0810	
Std Dev	0.0010	
Rel Std Dev(%)	1.2346	

Dry

Operator's Signature

KENNEDY SPACE CENTER
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-006759
02/23/2023 11:57:22

Auto Calibration
Max Power Res Value = 56
Auto Range Res Value = 34

Sol Value = 0.000 g/210L ***
Fit value = 0.0000 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12660, Sum Io = 13055

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0620	(0.0010)
Sample #2 =	0.0810	(0.0020)
Sample #3 =	0.0630	(0.0470)
Sample #4 =	0.1000	(0.0500)
Avg % Abs =	0.0813	(0.0330)
STD DEV =	0.0185	(0.0269)
REL STD DEV =	22.749	(81.481)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.1150	(-0.0680)
Sample #2 =	0.1480	(-0.0700)
Sample #3 =	0.1980	(-0.0530)
Sample #4 =	0.3230	(-0.0480)
Avg % Abs =	0.2230	(-0.0570)
STD DEV =	0.0901	(0.0115)
REL STD DEV =	40.421	(20.233)

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12644, Sum Io = 13056

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8020	(-0.0040)
Sample #2 =	0.7980	(0.0160)
Sample #3 =	0.7600	(0.0510)
Sample #4 =	0.7580	(0.0720)
Avg % Abs =	0.7720	(0.0463)
STD DEV =	0.0225	(0.0283)
REL STD DEV =	2.920	(61.058)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4300	(0.1490)
Sample #2 =	1.5770	(-0.1230)
Sample #3 =	1.3130	(0.2050)
Sample #4 =	1.0560	(0.0660)
Avg % Abs =	1.3153	(0.0493)
STD DEV =	0.2605	(0.1646)
REL STD DEV =	19.805	(333.717)

Optical Bench
Calibration Adjustment

Instrument failed 0.040 g/210L test, ensured simulator did not have a leak, repeated test, repeat not successful.

Sol Value = 0.040 g/210L ***
Fit value = 0.1905 mg/l %%%%
Samples Taken = 4, Discarded = 1
Sum Io = 12632, Sum Io = 13027

<<<<< CHANNEL 1 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.8100	(-0.0110)
Sample #2 =	0.7750	(0.0240)
Sample #3 =	0.8140	(0.0170)
Sample #4 =	0.7870	(0.0620)
Avg % Abs =	0.7920	(0.0343)
STD DEV =	0.0200	(0.0242)
REL STD DEV =	2.522	(70.527)

<<<<< CHANNEL 2 >>>>>

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.6670	(-0.2370)
Sample #2 =	1.5800	(-0.1940)
Sample #3 =	1.7310	(-0.3500)
Sample #4 =	1.4740	(-0.1060)
Avg % Abs =	1.5950	(-0.2167)
STD DEV =	0.1292	(0.1236)
REL STD DEV =	8.097	(57.032)

**** AUTO CAL FAIL

Return Material Authorization

Ship to: ☐ CMI, Inc.

☑ Enforcement Electronics

Shipment to repair facility authorized by: Karen Joyner on 02-23-2023

Items Returned: Instrument ☑ Supplies ☐ Other ☐ Describe: _____

Instrument Model: Intoxilyzer 8000 Serial Number: 80-006759

Bill To Address:	Ship to Address:
Kennedy Space Center	FDLE Off-Site Mail Facility
Florida	Florida Department of Law Enforcement
	Alcohol Testing Program
	813 B Lake Bradford Road
	Tallahassee, FL 32304

Reason for Return:

Instrument is not measuring alcohol reference solutions consistently. When attempting to perform an Optical Bench Calibration Adjustment the instrument could not pass the adjustment and failed the adjustment.

Please choose one of the following options:

☐ 1. I _____, authorize all repairs.

☐ 2. I _____, authorize repairs up to $_____.

☑ 3. I require an estimate **BEFORE** any repairs will be authorized and/ or conducted.

Please contact: Name: Karen Joyner

Phone #: 321-861-6313 Email: karen.joyner@nasa.gov

ATP Contact Name: Israel Soto ATP Email: israelsoto@fdle.state.fl.us