INSTRUMENT PROCESSING SHEET

FDLE Florida Department of Law Enforcement

Agency Hillsborough CSO S/N 80-007479

Date In 1/10/2022 DI Completion Date 1/27/2022 ■Ship ❑P/U ❑H/D ❑CMI ❑EE

Intake By TDG

- ■ 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: AI reports battery needs to be replaced.

Quality Checks By TDG Date 1/27/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 176
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm 0.152 (.139 - .169)
36 mm 0.167 (.156 - .190)
53 mm 0.238 (.228 - .278)
103 mm 0.503 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 68639

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202010A
		10/05/2022
0.080	MP4864	202010B
		10/05/2022
0.200	MP5094	202010D
		10/06/2022
0.080 DGS	N/A	AG026705
		09/23/2022

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 TDG

- ■ 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 TDG

Barometric Pressure ID# 28663

Gauge 1019 Instrument 1018

Mouth Alcohol Solution Lot # 2021-B

Acetone Stock Solution Lot # 2020-A

Simulator	Serial Number
0.000	SD3963
Interferent	SD1017
0.050	MP5092
0.080	MP4864
0.200	MP5094

Attachments

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

Notes/Suggested Service: Checked breath tube screen, replaced o-rings, and verified set-up during battery change performed on 1/26 (TDG)

- ■ **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**

David Eliezer Reyes-Rivera — Digitally signed by David Eliezer Reyes-Rivera Date: 2022.01.27 13:40:46 -05'00' — Tech Review / Date

Admin Review / Date 2022.01.28 10:48:11 -05'00'

Return Material Authorization

Ship to: ☑ CMI, Inc.

☐ Enforcement Electronics

Shipment to repair facility authorized by: Haley Dendy on 4/20/2022

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

Instrument Model: Intoxilyzer 8000 Serial Number: 80-007479

Bill To Address:	Ship to Address:
Hillsborough CSO	Florida Department of Law Enforcement
Attn: Haley Dendy	Fort Myers Regional Operations Center
	Attn: Alcohol Testing Program
	4700 Terminal Drive, Suite 1
	Fort Myers, FL 33907

Reason for Return:

Instrument intermittently freezes on start-up screen during power-up. Verified no records are on the instrument. Instrument is very new and has only been in service since late July 2021.

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: Haley Dendy

Phone #: 813-317-5100 Email: hdendy@teamhcso.com

ATP Contact Name: Taylor Gutschow ATP Email: TaylorGutschow@fdle.state.fl.us

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hillsborough CSO S/N 80-007479

Date In 4/20/2022 DI Completion Date _____ ■Ship ☐P/U ☐H/D ■CMI ☐EE

Intake By TDG

- ■ 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: AI reports the instrument freezes on start-up screen while powering on

Quality Checks By _____ Date _____

- ☐ Breath Tube Screen
- ☐ Replace External O-Rings
- ☐ Instrument Set Up Verified
- ☐ R-Value _____
- ☐ Flow Verification (L/s)

Flow Column # _____

32 mm _____ (.139 - .169)
36 mm _____ (.156 - .190)
53 mm _____ (.228 - .278)
103 mm _____ (.447 - .547)

- ☐ Barometric Pressure Check

Gauge ID # _____

- ☐ Stability Checks

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

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 _____

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: Instrument intermittently freezes on start-up screen like AI described. Will send to repair (TDG)

- ☐ **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 _____

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-00 7479	Hillsborough CSO	01/27/2022	TDG

0.05g/210L	0.08g/210L	0.20g/210L	DGS 0.08g/210L
0.047 to 0.053 ✓	0.077 to 0.083 ✓	0.194 to 0.206 ✓	0.077 to 0.083 ✓ ≤0.003 of Wet ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
01/27/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:33
Control Test	0.050	09:34
Air Blank	0.000	09:34
Control Test	0.050	09:35
Air Blank	0.000	09:35
Control Test	0.050	09:36
Air Blank	0.000	09:37
Control Test Stats		
Average	0.0500	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
01/27/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:40
Control Test	0.080	09:41
Air Blank	0.000	09:42
Control Test	0.080	09:42
Air Blank	0.000	09:43
Control Test	0.080	09:44
Air Blank	0.000	09:44
Control Test Stats		
Average	0.0800	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
01/27/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:48
Control Test	0.201	09:48
Air Blank	0.000	09:49
Control Test	0.202	09:50
Air Blank	0.000	09:50
Control Test	0.201	09:51
Air Blank	0.000	09:51
Control Test Stats		
Average	0.2013	
Std Dev	0.0006	
Rel Std Dev(%)	0.2868	

Operator's Signature

DGS

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
01/27/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:25
Control Test	0.082	09:25
Air Blank	0.000	09:26
Control Test	0.081	09:26
Air Blank	0.000	09:27
Control Test	0.081	09:27
Air Blank	0.000	09:27
Control Test Stats		
Average	0.0813	
Std Dev	0.0006	
Rel Std Dev(%)	0.7099	

Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HILLSBOROUGH CO SO
Serial Number: 80-007479
Time of Inspection: 11:39
Date of Inspection: 01/27/2022
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#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.049	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.080
0.000	0.050	0.080	0.200	0.080
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.081
0.000	0.050	0.080	0.201	0.081

Standard Deviations	0.0003	0.0000	0.0003	0.0004

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0002 Number of Simulators Used: 5

Remarks:

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.

Taylor Gutschow

TAYLOR D GUTSCHOW
Signature and Printed Name

01/27/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007479 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-007479
Owning Agency:	HILLSBOROUGH CO SO
Calibration Date:	01/27/2022
Calibration Time:	11:39

	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.

01/27/2022
Date

TAYLOR D GUTSCHOW,
Department Inspector

FDLE
Florida Department of Law Enforcement

INSTRUMENT PROCESSING SHEET

Agency Hillsborough County Sheriff's Office S/N 80-007479

Date In 7/14/2022 DI Completion Date 7/25/2022 ☐Ship ■P/U ☐H/D ☐CMI ☐EE

Intake By DERR

- ■ Annual
- ☐ Registration
- ■ Return from CMI / EE

Visual Inspection:

- ■ Case
- ■ Keyboard
- ■ Feet
- ■ Ports
- ■ Handle
- ■ Dry Gas Shelf
- ■ Breath Tube
- ■ Screws Tight

Other Equipment/ Accessories:

- ■ Power cord
- ■ Static Bag
- ☐ Printer Cable
- ☐ 12V DC Cable

Notes:

Quality Checks By DERR Date 7/25/2022

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 179
- ■ Flow Verification (L/s)

Flow Column # ATP101

32 mm 0.167 (.139 - .169)
36 mm 0.183 (.156 - .190)
53 mm 0.253 (.228 - .278)
103 mm 0.511 (.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28199

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3963	202201C
		01/11/2024
0.080	SD3967	202201D
		01/18/2024
0.200	SD3968	202201E
		01/18/2024
0.080 DGS	N/A	AG115904
		06/08/2023

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 DERR

Barometric Pressure Gauge 1018 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5096	21070	03/01/2023
0.100	MP5098	21080	03/08/2023
0.200	MP5100	20510	12/03/2022
0.300	MP5101	21030	02/02/2023
0.080 DGS	N/A	00521080A2	02/05/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	SD3963	202201C	01/11/2024
0.080	SD3967	202201D	01/18/2024
0.200	MP5094	202201E	01/18/2024
0.080 DGS	N/A	AG115904	06/08/2023

Department Inspection By DERR

Barometric Pressure ID# 26932

Gauge 1018 Instrument 1018

Mouth Alcohol Solution Lot # 2021-D

Acetone Stock Solution Lot # 2021-C

Simulator	Serial Number
0.000	SD3933
Interferent	SD3962
0.050	SD3963
0.080	SD3967
0.200	MP5094

Attachments

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

Notes/Suggested Service:

Instrument was calibrated to bring values closer to nominal. Simulator SD3968 has a leak, replaced with MP5094. DERR

- ■ **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: 2022.07.26 07:30:20 -04'00' 2022.07.26 12:07:52 -04'00'

Tech Review / Date Admin Review / Date

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-007479 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-007479
Owning Agency:	HILLSBOROUGH CO SO
Calibration Date:	07/25/2022
Calibration Time:	15:03

	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.

07/25/2022
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: HILLSBOROUGH CO SO
Time of Inspection: 15:03
Date of Inspection: 07/25/2022
Serial Number: 80-007479
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#:202201C Exp: 01/11/2024	0.08g/210L Test (g/210L) Lot#:202201D Exp: 01/18/2024	0.20g/210L Test (g/210L) Lot#:202201E Exp: 01/18/2024	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG115904 Exp: 06/08/2023
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.197	0.080
0.000	0.048	0.079	0.198	0.080
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.078
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.079	0.198	0.079
0.000	0.048	0.082	0.198	0.079
0.000	0.048	0.080	0.198	0.079

Standard Deviations	0.0000	0.0009	0.0004	0.0007

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:

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.

DAVID E REYES-RIVERA
Signature and Printed Name

07/25/2022
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-007479	Hillsborough County Sheriff's Office	7/25/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:20
Control Test	0.048	12:21
Air Blank	0.000	12:21
Control Test	0.048	12:22
Air Blank	0.000	12:22
Control Test	0.049	12:23
Air Blank	0.000	12:24

Control Test Stats

Average	0.0483
Std Dev	0.0006
Rel Std Dev(%)	1.1945

Operator's Signature

0.08g/210L ✓

0.077 to 0.083 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:25
Control Test	0.079	12:25
Air Blank	0.000	12:26
Control Test	0.078	12:27
Air Blank	0.000	12:27
Control Test	0.079	12:28
Air Blank	0.000	12:29

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

Operator's Signature

0.20g/210L ✓

0.194 to 0.206 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:30
Control Test	0.199	12:30
Air Blank	0.000	12:31
Control Test	0.198	12:32
Air Blank	0.000	12:32
Control Test	0.198	12:33
Air Blank	0.000	12:33

Control Test Stats

Average	0.1983
Std Dev	0.0006
Rel Std Dev(%)	0.2911

Operator's Signature

DGS 0.08g/210L ✓

0.077 to 0.083 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:35
Control Test	0.078	12:35
Air Blank	0.000	12:36
Control Test	0.079	12:36
Air Blank	0.000	12:37
Control Test	0.079	12:37
Air Blank	0.000	12:37

Control Test Stats

Average	0.0787
Std Dev	0.0006
Rel Std Dev(%)	0.7339

Operator's Signature

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022 11:24:54

Auto Calibration
Max Power Res Value = 77
Auto Range Res Value = 60

Sol Value = 0.000 g/210L xxx
Fit value = 0.0000 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12712, 9um Io = 12944

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0510	(-0.0070)
Sample #2 =	0.0550	(0.0000)
Sample #3 =	0.0950	(-0.0090)
Sample #4 =	0.0940	(0.0000)

Avg % Abs = 0.0813 (-0.0033)
STD DEV = 0.0228 (0.0052)
REL STD DEV = 28.046 (173.205)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.0610	(0.0000)
Sample #2 =	0.0730	(-0.0120)
Sample #3 =	0.1050	(-0.0260)
Sample #4 =	0.0860	(-0.0070)

Avg % Abs = 0.0880 (-0.0150)
STD DEV = 0.0161 (0.0098)
REL STD DEV = 18.288 (65.659)

Sol Value = 0.040 g/210L xxx
Fit value = 0.1905 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12707, 9um Io = 12946

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	0.7780	(-0.0050)
Sample #2 =	0.7660	(-0.0030)
Sample #3 =	0.7690	(0.0020)
Sample #4 =	0.7800	(-0.0090)

Avg % Abs = 0.7717 (-0.0033)
STD DEV = 0.0074 (0.0055)
REL STD DEV = 0.955 (165.227)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.4030	(0.0020)
Sample #2 =	1.3770	(0.0210)
Sample #3 =	1.3800	(0.0170)
Sample #4 =	1.3950	(0.0100)

Avg % Abs = 1.3840 (0.0160)
STD DEV = 0.0096 (0.0056)
REL STD DEV = 0.697 (34.799)

Sol Value = 0.100 g/210L xxx
Fit value = 0.4762 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12706, 9um Io = 12944

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	1.8580	(-0.0120)
Sample #2 =	1.8290	(0.0280)
Sample #3 =	1.8210	(0.0360)
Sample #4 =	1.8030	(0.0380)

Avg % Abs = 1.8177 (0.0340)
STD DEV = 0.0133 (0.0053)
REL STD DEV = 0.733 (15.563)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.3160	(0.0000)
Sample #2 =	3.2860	(0.0280)
Sample #3 =	3.2980	(0.0310)
Sample #4 =	3.2850	(0.0290)

Avg % Abs = 3.2897 (0.0293)
STD DEV = 0.0072 (0.0015)
REL STD DEV = 0.220 (5.207)

Sol Value = 0.200 g/210L xxx
Fit value = 0.9524 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 1270[illegible], 9um Io = 12942

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	3.5200	(-0.0040)
Sample #2 =	3.5230	(-0.0040)
Sample #3 =	3.5050	(0.0220)
Sample #4 =	3.5440	(0.0060)

Avg % Abs = 3.5240 (0.0080)
STD DEV = 0.0195 (0.0131)
REL STD DEV = 0.554 (163.936)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	6.3470	(0.0120)
Sample #2 =	6.3350	(0.0310)
Sample #3 =	6.3050	(0.0610)
Sample #4 =	6.3380	(0.0380)

Avg % Abs = 6.3260 (0.0433)
STD DEV = 0.0182 (0.0157)
REL STD DEV = 0.288 (36.219)

Sol Value = 0.300 g/210L xxx
Fit value = 1.4286 mg/l XXXX
Samples Taken = 4, Discarded = 1
3um Io = 12699, 9um Io = 12939

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	5.1680	(-0.0030)
Sample #2 =	5.1930	(-0.0020)
Sample #3 =	5.1760	(0.0290)
Sample #4 =	5.1910	(0.0080)

Avg % Abs = 5.1867 (0.0117)
STD DEV = 0.0093 (0.0158)
REL STD DEV = 0.179 (135.617)

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

Sample	% Abs	(% Abs Ref)
Sample #1 =	9.2270	(-0.0070)
Sample #2 =	9.2140	(0.0210)
Sample #3 =	9.1980	(0.0370)
Sample #4 =	9.2090	(0.0310)

Avg % Abs = 9.2070 (0.0297)
STD DEV = 0.0082 (0.0081)
REL STD DEV = 0.089 (27.246)

Optical Calibration
SN: 80-007479
Agency: Hillsborough CSO
Date: 7/25/2022
Quadratic Fit: +/- 0.002g/210L
By: DERR

xxxxx AUTO CAL DATA xxxxx

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.081
Std Dev = 0.02 Rel Std Dev = 28.05
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 0.772
Std Dev = 0.01 Rel Std Dev = 0.96
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 1.818
Std Dev = 0.01 Rel Std Dev = 0.73
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 3.524
Std Dev = 0.02 Rel Std Dev = 0.55
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 5.187
Std Dev = 0.01 Rel Std Dev = 0.18
Zero Order Coef = -207.90
First Order Coef = 2701.87
Second Order Coef = 17.69
Standard Deviation = 11.646366

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

Sol Val = 0.0000 mg/l or 0.000 g/210L
% Abs = 0.088
Std Dev = 0.02 Rel Std Dev = 18.29
Sol Val = 0.1905 mg/l or 0.040 g/210L
% Abs = 1.384
Std Dev = 0.01 Rel Std Dev = 0.70
Sol Val = 0.4762 mg/l or 0.100 g/210L
% Abs = 3.290
Std Dev = 0.01 Rel Std Dev = 0.22
Sol Val = 0.9524 mg/l or 0.200 g/210L
% Abs = 6.326
Std Dev = 0.02 Rel Std Dev = 0.29
Sol Val = 1.4286 mg/l or 0.300 g/210L
% Abs = 9.207
Std Dev = 0.01 Rel Std Dev = 0.09
Zero Order Coef = -121.37
First Order Coef = 1439.61
Second Order Coef = 13.57
Standard Deviation = 5.429244

Solution Stats Quadratic Fit Chan 1

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0003
0.040	0.040	0.0004
0.100	0.100	0.0000
0.200	0.200	-0.0002
0.300	0.300	0.0001

Solution Stats Quadratic Fit Chan 2

Act	Fit	Residual
g/210L	g/210L	g/210L
0.000	0.000	-0.0001
0.040	0.040	0.0002
0.100	0.100	0.0000
0.200	0.200	-0.0001
0.300	0.300	0.0000

Sol Value = 0.080 g/210L xxx
Fit value = 0.3810 mg/l XXXX
Samples Taken = 4, Discarded = 1
xxxxx CHANNEL 1
Sample #1 = 3208.00
Sample #2 = 3183.00
Sample #3 = 3242.00
Sample #4 = 3205.00
Average Result = 3210.0000
STD DEV = 29.8161
REL STD DEV = 0.929
xxxxxxxxxx
xxxxx CHANNEL 2
Sample #1 = 3419.00
Sample #2 = 3403.00
Sample #3 = 3440.00
Sample #4 = 3406.00
Average Result = 3416.3333
STD DEV = 20.5508
REL STD DEV = 0.602
xxxxxxxxxx
Dry Gas H2O Adjust Results xxxxxxxxxx
Barometric Pressure = 1018
3 um H2O Adjust (mg/lx10,000) = 599
9 um H2O Adjust (mg/lx10,000) = 393
xxxx AUTO CAL PASS

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities Continued	80-007479	Hillsborough County Sheriff's Office	7/25/2022	DERR

☐	☐	☑	0.077 to 0.083 ☐
X	X	HILLSBOROUGH CO SO Intoxilyzer - Alcohol Analyzer Model 8000 SN 80-007479 07/25/2022 Software: 8100.27 Test g/210L Time Air Blank 0.000 10:41 Control Test 0.199 10:41 Air Blank 0.000 10:42 Control Test 0.199 10:43 Air Blank 0.000 10:43 Control Test 0.199 10:44 Air Blank 0.000 10:44 Control Test Stats Average 0.1990 Std Dev 0.0000 Rel Std Dev(%) 0.0000 Operator's Signature	X Simulator was changed to MP5094, there is a leak on SD3968. DERR 7/25/22

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-007479	Hillsborough County Sheriff's Office	7/25/2022	DERR

0.05g/210L ✓

0.047 to 0.053 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:41
Control Test	0.047	09:42
Air Blank	0.000	09:42
Control Test	0.048	09:43
Air Blank	0.000	09:43
Control Test	0.048	09:44
Air Blank	0.000	09:45

Control Test Stats

Average	0.0477
Std Dev	0.0006
Rel Std Dev(%)	1.2112

Operator's Signature

0.08g/210L ✓

0.077 to 0.083 ✓

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:46
Control Test	0.078	09:47
Air Blank	0.000	09:47
Control Test	0.077	09:48
Air Blank	0.000	09:49
Control Test	0.078	09:49
Air Blank	0.000	09:50

Control Test Stats

Average	0.0777
Std Dev	0.0006
Rel Std Dev(%)	0.7434

Operator's Signature

0.20g/210L ✗

0.194 to 0.206 ✗

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:51
Control Test	0.193	09:52
Air Blank	0.000	09:52
Control Test	0.192	09:53
Air Blank	0.000	09:54
Control Test	0.193	09:54
Air Blank	0.000	09:55

Control Test Stats

Average	0.1927
Std Dev	0.0006
Rel Std Dev(%)	0.2997

Operator's Signature

DGS 0.08g/210L ✗

0.077 to 0.083 ✗

HILLSBOROUGH CO SO
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-007479
07/25/2022
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	09:58
Control Test	0.083	09:58
Air Blank	0.000	09:59
Control Test	0.082	09:59
Air Blank	0.000	10:00
Control Test	0.083	10:00
Air Blank	0.000	10:01

Control Test Stats

Average	0.0827
Std Dev	0.0006
Rel Std Dev(%)	0.6984

Operator's Signature