



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 STATE PUBLIC HEALTH LABORATORY  
**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 111332	PRINTER SN 099.3586.619	DATE OF INSPECTION 04/02/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 517 Oneida St. Seneca, Missouri	TIME OF INSPECTION 13:52pm
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**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 18200 EXP. DATE 07/03/2020

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 33.99 SIMULATOR SN MP2851 SIMULATOR EXP DATE 03/03/2021

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .100

TEST 2 .101

TEST 3 .101

RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  
 (DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	1	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

A calibration was performed due to inaccurate readings.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
 Joshua Fort

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 200125 03/09/2022

TELEPHONE NUMBER  
 (417) 776-8158

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Poplar Bluff, MO 63901

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00768

Temp Date Time 210L

Air Blank:  
04/02/20 13:52 .000  
Calibration Check:  
25 04/02/20 13:52 .100

Subject Name  
Calibration

Subject I.D.  
Joshua Fort 200125

Operator Name, I.D.  
Exp 3/9/22

Location  
517 Oneida St

Seneca, Mo 64865

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00770

Temp Date Time 210L

Air Blank:  
04/02/20 13:59 .000  
Calibration Check:  
24 04/02/20 13:59 .100

Subject Name  
Test

Subject I.D.  
#1

Operator Name, I.D.  
Joshua Fort 200125

Location Exp 3/9/22  
517 Oneida St

Seneca, Mo 64865

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00771

Temp Date Time 210L

Air Blank:  
04/02/20 14:00 .000  
Calibration Check:  
25 04/02/20 14:00 .101

Subject Name  
Test

Subject I.D.  
#2

Operator Name, I.D.  
Joshua Fort 200125

Location Exp 3/9/22  
517 Oneida St

Seneca, Mo 64865

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00772

Temp Date Time 210L

Air Blank:  
04/02/20 14:02 .000  
Calibration Check:  
26 04/02/20 14:02 .101

Subject Name  
Test

Subject I.D.  
#3

Operator Name, I.D.  
Joshua Fort 200125

Location Exp 3/9/22  
517 Oneida St

Seneca, Mo 64865

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00773

Temp Date Time 210L

VOID: RFI  
12 04/02/20 14:03

Subject Name  
Test

Subject I.D.  
RFI

Operator Name, I.D.  
Joshua Fort 200125

Location Exp 3/9/22  
517 Oneida St

Seneca, Mo 64865

AS IV Serial no: 111332  
Version no: 532B

TEST RECORD 00774

Temp Date Time 210L

Air Blank:  
04/02/20 14:04 .000  
Subject Test: Auto  
27 04/02/20 14:04 .000

Subject Name  
Test

Subject I.D.  
Blank

Operator Name, I.D.  
Joshua Fort 200125

Location Exp 3/9/22  
517 Oneida St

Seneca, Mo 64865



STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM



**PERMIT**  
**TYPE II**  
**JOSHUA FORT**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 3/9/2020

NUMBER 200125

EXPIRES 3/9/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

 **STATE OF MISSOURI**  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*

**Operator** FORT, JOSHUA  
**Permit No** 200125  
**Date Issued** 3/9/2020 **Date Expires** 3/9/2022





## GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **18200** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 6, 2018**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 3, 2020** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN04271602 whose values are traceable to NIST.*

*All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.*