



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 035714	PRINTER SN 092.3576.249	DATE OF INSPECTION 07/13/2020
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LOCATION OF INSTRUMENT (STREET AND CITY) 203 Veterans Memorial Parkway, Wright City, Missouri, 63390	TIME OF INSPECTION 03:19
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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 Labrotories LOT # 19160 EXP. DATE 07/09/2021
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0C SIMULATOR SN SD2745 SIMULATOR EXP DATE 04/28/2021

- 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 <input checked="" type="checkbox"/> .097	TEST 2 <input checked="" type="checkbox"/> .096	TEST 3 <input checked="" type="checkbox"/> .097
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- 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)	0	(.15-.19)	0	(OVER .19)	2
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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).  
 ASIV time changed due to being set back one hour caused by an unknown error. Time set forward an hour to current time.

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME M. Lackey
TYPE II PERMIT NUMBER/EXPIRATION DATE 200109 03/02/2022	TELEPHONE NUMBER (636) 745-3541

**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: 035714  
Version no: 532B

TEST RECORD 01120

Temp Date Time 210L  
Air Blank: 07/13/20 03:33 .000  
Calibration Check: 24 07/13/20 03:33 .097

Subject Name  
Blank Test  
Subject I.D.  
114

Operator Name, I.D.  
Vacker 114

Location  
203 Veterans Memorial Plaza

Wright City, MO, 63290

AS IV Serial no: 035714  
Version no: 532B

TEST RECORD 01121

Temp Date Time 210L  
Air Blank: 07/13/20 03:36 .000  
Calibration Check: 25 07/13/20 03:36 .096

Subject Name  
Blank Test  
Subject I.D.  
114

Operator Name, I.D.  
Vacker 114

Location  
203 VMP

Wright City, MO, 63290

AS IV Serial no: 035714  
Version no: 532B

TEST RECORD 01122

Temp Date Time 210L  
Air Blank: 07/13/20 03:37 .000  
Calibration Check: 26 07/13/20 03:37 .097

Subject Name  
Blank Test  
Subject I.D.  
114

Operator Name, I.D.  
Vacker 114

Location  
203 VMP

Wright City, MO, 63290

AS IV Serial no: 035714  
Version no: 532B

TEST RECORD 01123

Temp Date Time 210L  
Air Blank: 07/13/20 03:39 .000  
Calibration Check: 12 07/13/20 03:39

Subject Name  
Blank Test  
Subject I.D.  
114

Operator Name, I.D.  
Vacker 114

Location  
203 VMP

Wright City, MO, 63290



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **19160** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **July 10, 2019**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1202%** (w/vol) ethyl alcohol. The expiration date for this lot number is **July 9, 2021** at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L +/- 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.*



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

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**PERMIT  
TYPE II**

**MATT LACKEY**

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 3/2/2020

NUMBER 200109

EXPIRES 3/2/2022

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (6-10)

LAB-4 (R6-10)

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 LACKEY, MATT  
Permit No 200109  
Date Issued 3/2/2020 Date Expires 3/2/2022