



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

**RECEIVED**

By Carol Day at 2:31 pm, Jul 05, 2016

Complete this report in duplicate at the time of the regular maintenance. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 097419	PRINTER SN 096.3580.861	DATE OF INSPECTION 07/01/2016
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LOCATION OF INSTRUMENT (STREET AND CITY) 200 N Main St. Palmyra	TIME OF INSPECTION 8:32 am
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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 # 16080 EXP. DATE 03/07/2018

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR5308 SIMULATOR EXP DATE 07/14/2016

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 ➔ .099

TEST 2 ➔ .098

TEST 3 ➔ .098

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)	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).

**INSPECTING OFFICER**

SIGNATURE  
▶ *Ronald C. Peer, Jr.*

PRINT NAME  
Ronald C. Peer, Jr.

TYPE II PERMIT NUMBER/EXPIRATION DATE  
240306/07-22-2016

TELEPHONE NUMBER  
(573) 769-5540

**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: 097419  
Version no: 532B

TEST RECORD 00226

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
07/01/16 08:32 .000  
Calibration Check:  
21 07/01/16 08:32 .099

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name, I.D.

Gerald Chief #501

Location

Palmira PD

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00227

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
07/01/16 08:33 .000  
Calibration Check:  
21 07/01/16 08:33 .098

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name, I.D.

Gerald Chief #501

Location

Palmira PD

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00228

Temp Date Time <sup>s/</sup> 210L

Air Blank:  
07/01/16 08:35 .000  
Calibration Check:  
22 07/01/16 08:35 .098

Subject Name

CALIBRATION CHECK

Subject I.D.

Operator Name, I.D.

Gerald Chief #501

Location

Palmira PD

AS IV Serial no: 097419  
Version no: 532B

TEST RECORD 00229

Temp Date Time <sup>s/</sup> 210L

VOID: RFI  
12 07/01/16 08:36

Subject Name

RFI TEST

Subject I.D.

Operator Name, I.D.

Gerald Chief #501

Location

Palmira PD



## 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 16080 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 9, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1210% (w/vol) ethyl alcohol. The expiration date for this lot number is March 7, 2018 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 EN08051301 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



**PERMIT  
TYPE II**

**RONALD C PEER**

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 7/22/2014

NUMBER 240306

EXPIRES 7/22/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (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 PEER, RONALD  
Permit No 240306  
Date Issued 7/22/2014 Date Expires 7/22/2016