



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

**RECEIVED**  
 By Carol Day at 11:36 am, Jan 02, 2015

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 097419	PRINTER SN 096.3580.861	DATE OF INSPECTION 01/01/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 301 S Main Palmyra		TIME OF INSPECTION 6:21 am

**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 # 14110 EXP. DATE 05/01/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR5308 SIMULATOR EXP DATE 07/14/2015

- 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 ➔ .097	TEST 2 ➔ .098	TEST 3 ➔ .098
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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	1	(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).

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Ronald C. Peer, Jr.</i>	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: 5320

TEST RECORD 06111

Temp Date Time 210L

Air Blank:  
01/01/15 06:21 .000  
Calibration Check:  
21 01/01/15 06:21 .092

Subject Name

CALIBRATION CHECK

Subject I, II.

Operator Name: I, II.

Donald Chaf S01

Location

PALMYRA PD

AS IV Serial no: 097419  
Version no: 5320

TEST RECORD 06112

Temp Date Time 210L

Air Blank:  
01/01/15 06:22 .000  
Calibration Check:  
22 01/01/15 06:22 .090

Subject Name

CALIBRATION CHECK

Subject I, II.

Operator Name: I, II.

Donald Chaf S01

Location

PALMYRA PD

AS IV Serial no: 097419  
Version no: 5320

TEST RECORD 06113

Temp Date Time 210L

Air Blank:  
01/01/15 06:24 .000  
Calibration Check:  
23 01/01/15 06:24 .090

Subject Name

CALIBRATION CHECK

Subject I, II.

Operator Name: I, II.

Donald Chaf S01

Location

PALMYRA PD

AS IV Serial no: 097419  
Version no: 5320

TEST RECORD 06114

Temp Date Time 210L

VOID: RTI  
12 01/01/15 06:20

Subject Name

RFI TEST

Subject I, II.

Operator Name: I, II.

Donald Chaf S01

Location

PALMYRA PD



**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 2016 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%.

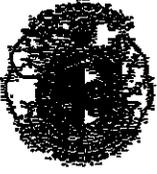
The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 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

IF THE OPERATOR OF THE BREATH ALCOHOL PROGRAM CANNOT CONTACT THE STATE OF MISSOURI, THE PERMIT ISSUED UNDER THE PROVISIONS OF SECTION 572.020 THROUGH 572.024, 722.010 AND 722.011 THROUGH 722.015 MAY BE USED.

DATE 7/22/2014

NUMBER 248306

EXPIRES 7/22/2016

MISSOURI PERMITS

*Wanda*  
 DIRECTOR OF MISSOURI PUBLIC HEALTH LABORATORY

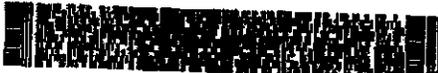
*Gal Vosterly*  
 acting director  
 DIRECTOR OF MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAC-416-02

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

**INSTRUMENT OPERATOR CARD**

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

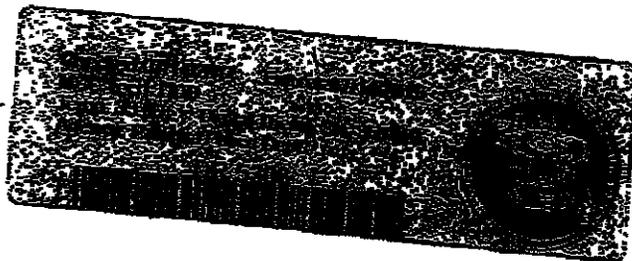


Operator PEER, RONALD  
 Permit No 248306  
 Date Issued 7/22/2014 Date Expires 7/22/2016



# Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations: 19 CSR 25-30.051 (4).



Technician Printed Name: Donald D. DeRoach

Technician Signature: Donald D. DeRoach

Date: 02/14/2014

Contact: Missouri Safety Center  
Breath Alcohol Instrument Training Program  
660-543-4834