



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

RECEIVED 03/14/14 REPORT #7

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

**REVIEWED**  
 Instrument is repaired.  
 By Carol Day at 2:36 pm, Mar 31, 2014

ALCO SENSOR IV SN 105446	PRINTER SN 099.3586.164	DATE OF INSPECTION 03/07/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 401 N Bynum, Lone Jack	TIME OF INSPECTION 10:54 pm
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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 Labs LOT # 13100 EXP. DATE 04/23/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD 094948 SIMULATOR EXP DATE 03/07/2015

- 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 $\leftarrow$ .100	TEST 2 $\leftarrow$ .099	TEST 3 $\leftarrow$ .099
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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)	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 <i>Tim Cosner</i>	PRINT NAME Tim Cosner
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TYPE II PERMIT NUMBER/EXPIRATION DATE 230113 06-12-2015	TELEPHONE NUMBER (816) 697-2417
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Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Poplar Bluff, MO 63801



# GUTH LABORATORIES, INC.

889 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-694-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13100 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on April 29, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1214% (w/vol) ethyl alcohol. The expiration date for this lot number is April 23, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C  $\pm$  0.2°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 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.

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 00123

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
03/07/14 22:54 .000  
Subject Test: Auto  
28 03/07/14 22:54 .100

Subject Name

Subject I.D.

*T. Coover*

Operator Name, I.D.

*401 N Bynum*

Location

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 00125

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
03/07/14 22:57 .000  
Subject Test: Auto  
29 03/07/14 22:57 .099

Subject Name

Subject I.D.

*T. Coover*

Operator Name, I.D.

*401 N Bynum*

Location

AS IV Serial no: 105446  
Version no: 532B

TEST RECORD 00124

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
03/07/14 22:55 .000  
Subject Test: Auto  
29 03/07/14 22:55 .099

Subject Name

Subject I.D.

*T. Coover*

Operator Name, I.D.

*401 N Bynum*

Location



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



**PERMIT  
TYPE II**

**TIMOTHY J COSNER JR**

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

**INTOXILYZER 5000, ALCO-SENSOR IV W/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 06/12/2013  
NUMBER 230113  
EXPIRES 06/12/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 550-0771 (6-10)

LAB-1 (PS-10)



# 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:  
19CSR 25-30.051 (4).

Checked: 03/07/2014 Expires: 03/07/2015  
MSC Tech: DRL  
Temp: 33.96 Digital Therm. SN: 094948  
Agency: Lone Jack Police Department  
SD 3319



Technician Printed Name: DAW Lucas

Technician Signature: [Signature]

Date: 03/07/2014

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