



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

**RECEIVED**  
By Carol Day at 8:55 am, Nov 07, 2014

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 <b>099361</b>	PRINTER SN <b>097-3584-336</b>	DATE OF INSPECTION <b>11-5-2014</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>106 N 3rd St Garden City MO 64747</b>		TIME OF INSPECTION <b>2200</b>

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**      LOT # **14110**      EXP. DATE **5-1-16**

SIMULATOR TEMPERATURE (34°C ± 0.2°C) **34.0c**      SIMULATOR SN **SD-2314**      SIMULATOR EXP DATE **10-3-15**

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 = <b>.099</b>	TEST 2 = <b>.102</b>	TEST 3 = <b>.098</b>
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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).

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Richard D Williams</i>	PRINT NAME <b>Richard D Williams</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>230347 12-31-2015</b>	TELEPHONE NUMBER <b>(816) 773-8201</b>

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



**GUTH LABORATORIES, INC.**

580 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.*

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00189

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

Air Blanks  
11/05/14 22:02 .000  
Calibration Check:  
23 11/05/14 22:02 .099

Subject Name

*Richard D Williams*

Subject I.D.

712

Operator Name, I.D.

230347

Location

GCPPD

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00191

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

Air Blanks  
11/05/14 22:06 .000  
Calibration Check:  
23 11/05/14 22:06 .098

Subject Name

*Richard D Williams*

Subject I.D.

712

Operator Name, I.D.

230347

Location

GCPPD

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00190

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

Air Blanks  
11/05/14 22:04 .000  
Calibration Check:  
23 11/05/14 22:04 .102

Subject Name

*Richard D Williams*

Subject I.D.

712

Operator Name, I.D.

230347

Location

GCPPD

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00192

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

VOID: RFI  
12 11/05/14 22:09

Subject Name

*Richard D Williams*

Subject I.D.

712

Operator Name, I.D.

230347

Location

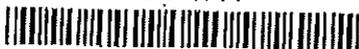
GCPPD



## 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).

Checked: 11/03/2014 Expires: 11/03/2015  
Digital Therm. SN:093752  
MSC Tech:DRL Temp:34.02  
Agency: Garden City Police Dept  
SD 2314



Technician Printed Name: \_\_\_\_\_

*Don Lucas*

Technician Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*11/03/2014*

Contact: Missouri Safety Center

Breath-Alcohol Instrument Training Program

660-543-4834