



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

**RECEIVED**  
 By Carol Day at 12:53 pm, Sep 22, 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 108392	PRINTER SN 099.3586.814	DATE OF INSPECTION 09/19/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th Street, Cottleville, Missouri 63304		TIME OF INSPECTION 1:41 pm

**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, INC LOT # 13280 EXP. DATE 10/16/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD2588 SIMULATOR EXP DATE 01/29/2015

- 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 → .091	TEST 2 → .092	TEST 3 → .092
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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).  
 Nothing further.

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Jamie E. Snodgrass, 440</i>	PRINT NAME Jamie E. Snodgrass, 440
TYPE II PERMIT NUMBER/EXPIRATION DATE 230051/03-21-2015	TELEPHONE NUMBER (636) 498-6464

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: 100392  
Version no: 532B

TEST RECORD 00066

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

Air Blank:  
09/19/14 13:44 .000  
Calibration Check:  
26 09/19/14 13:44 .092

Subject Name

test 3

Subject I.D.

Operator Name, I.D.

J. Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 100392  
Version no: 532B

TEST RECORD 00065

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

Air Blank:  
09/19/14 13:43 .000  
Calibration Check:  
25 09/19/14 13:43 .092

Subject Name

test 2

Subject I.D.

Operator Name, I.D.

J. Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 100392  
Version no: 532B

TEST RECORD 00064

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

Air Blank:  
09/19/14 13:41 .000  
Calibration Check:  
24 09/19/14 13:41 .091

Subject Name

test 1

Subject I.D.

Operator Name, I.D.

J. Snodgrass, 440

Location

Cottleville P.D.

AS IV Serial no: 100392  
Version no: 532B

TEST RECORD 00067

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

VOID: RFI  
12 09/19/14 13:47

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

J. Snodgrass, 440

Location

Cottleville P.D.



**GUTH LABORATORIES, INC.**

690 NORTH 9TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 16, 2015** 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 FNI22211-02 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

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PERMIT  
TYPE II

JAMIE E SNODGRASS

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 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 03/21/2013

NUMBER 230051

EXPIRES 05/21/2015

MO 584-0771 (6-10)

*W. A. ...*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*Paul ...*

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (REV 10)