



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

**RECEIVED**  
 By Carol Day at 8:37 am, Feb 23, 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 108392	PRINTER SN 099.3586.814	DATE OF INSPECTION 02/20/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th Street, Cottleville, Missouri 63304	TIME OF INSPECTION 10:20 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, INC      LOT # 14200      EXP. DATE 08/05/2016

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 → .093	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	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).

Nothing further.

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Jamie E. Snodgrass</i>	PRINT NAME Jamie E. Snodgrass, 440
TYPE A 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

**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 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 Certified 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.*

188392  
B

00096  
Time 210L

524 .000  
ck:  
1224 .092

I.D.  
RSS, 440

Cottleville P.D.

AS IU Serial no: 188392  
Version no: 532B

TEST RECORD 00095  
Temp Date Time 210L

Air Blank:  
02/20/15 10:22 .000  
Calibration Check:  
21 02/20/15 10:22 .092

Subject Name  
Test 2  
Subject I.D.

Operator Name, I.D.  
J. Snodgrass, 440  
Location

Cottleville P.D.

AS IU Serial no: 188392  
Version no: 532B

TEST RECORD 00094  
Temp Date Time 210L

Air Blank:  
02/20/15 10:20 .000  
Calibration Check:  
19 02/20/15 10:20 .093

Subject Name  
Test 1  
Subject I.D.

Operator Name, I.D.  
J. Snodgrass, 440  
Location

Cottleville P.D.

Cottleville P.D.

Operator Name, I.D.  
J. Snodgrass, 440  
Location

Subject Name  
RFF Test  
Subject I.D.

Temp Date Time 210L  
VOID: RFI  
12 02/20/15 10:25

AS IU Serial no: 188392  
Version no: 532B

TEST RECORD 00097



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



**PERMIT  
TYPE II**

**JAMIE E. SNODGRASS**

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

**ALCO-SENSOR IV W/PRINTER**

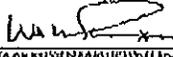
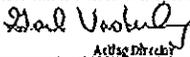
for the determination of the alcohol content of blood from a sample of expired air. Permit issued under the provisions of sections 277.020 through 277.041, RSMo and 800.111 through 800.119 RSMo.

DATE 09/21/2013

NUMBEP 280051

EXPIRES 09/21/2015

10 01 07 12 44

  
DIRECTOR OF STATE LABORATORY  
  
Acting Director  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
10-118140