



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

REPORT #7

**RECEIVED**  
 By Carol Day at 8:59 am, Jan 13, 2014

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 087975	PRINTER SN 08C.3556.250	DATE OF INSPECTION 01/07/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 119 South Church Street, Union	TIME OF INSPECTION 10:49 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 Laboratories                      LOT # 13210                      EXP. DATE 07/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0                      SIMULATOR SN SD3332                      SIMULATOR EXP DATE 07/10/2014

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 → .098%	TEST 2 → .099%	TEST 3 → .100%
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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)	1	(.05-.09)	2	(.10-.14)	3	(.15-.19)	7	(OVER .19)	2
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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).

AA Battery Changed - Duracell Battery, New Roll of Paper placed into printer

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Arthur J. Amato
TYPE II PERMIT NUMBER/EXPIRATION DATE 230086 / 05/15/2015	TELEPHONE NUMBER (636) 593-3700

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.**

690 NORTH 6TH STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-654-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$ , 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 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.*

AS IV Serial no: 082975  
Version no: 084C

TEST RECORD 01028

Temp Date Time 210L

Air Blank: 01/07/14 22:49 .000

Calibration Check: 20 01/07/14 22:49 .038

Subject Name

Subject I.D.

Version P.D.

Operator Name I.D.

Location

100 S. Church St

AS IV Serial no: 082975  
Version no: 084C

TEST RECORD 01029

Temp Date Time 210L

Air Blank: 01/07/14 22:53 .000

Calibration Check: 20 01/07/14 22:53 .095

Subject Name

Subject I.D.

Version P.D.

Operator Name I.D.

Location

100 S. Church St

AS IV Serial no: 082975  
Version no: 084C

TEST RECORD 01030

Temp Date Time 210L

Air Blank: 01/07/14 22:56 .000

Calibration Check: 20 01/07/14 22:56 .100

Subject Name

Subject I.D.

Version P.D.

Operator Name I.D.

Location

100 S. Church St

AS IV Serial no: 082975  
Version no: 084C

TEST RECORD 01032

Temp Date Time 210L

Void: RFI 12 01/07/14 23:01

Subject Name

Subject I.D.

Version P.D.

Operator Name I.D.

Location

100 S. Church St



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



**PERMIT**  
**TYPE II**  
**ARTHUR J AMATO**

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

**DATA MASTER, 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 05/15/2013  
NUMBER 230086  
EXPIRES 05/15/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES