



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

**RECEIVED**  
 By Carol Day at 11:00 am, Apr 03, 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 <i>087971</i>	PRINTER SN <i>08C.3556.195</i>	DATE OF INSPECTION <i>04-03-14</i>
LOCATION OF INSTRUMENT (STREET AND CITY) <i>330 W. 2ND ST. POPLAR BLUFF MO. 63901</i>		TIME OF INSPECTION <i>0905 HRS.</i>

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.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)	<i>PASSED</i>
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)	<i>20°C</i>
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY	<i>PASSED</i>
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY	<i>PASSED.</i>

**BREATH ALCOHOL ACCURACY STANDARDS**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <i>GUTH LAB</i>	LOT # <i>13210</i> EXP. DATE <i>07/29/15</i>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <i>34°C</i>	SIMULATOR SN <i>SD2748</i> SIMULATOR EXP DATE <i>01/15/15</i>
<input checked="" type="checkbox"/> 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)	
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE	
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE	
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE	

TEST 1 <i>.095</i>	TEST 2 <i>.096</i>	TEST 3 <i>.095</i>
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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 <i>0</i>	(0-.04) <i>0</i>	(.05-.09) <i>0</i>	(.10-.14) <i>0</i>	(.15-.19) <i>0</i>	(OVER .19) <i>0</i>
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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).

*NO NEW PARTS ADDED*

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Joe L. Ward</i>	PRINT NAME <i>JOE L. WARD</i>
TYPE II PERMIT NUMBER/EXPIRATION DATE <i>230136 07/11/15</i>	TELEPHONE NUMBER <i>573-785-5776</i>

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.**

800 NORTH 6TH STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-664-5470

## 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°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.*

State of Missouri  
DEPARTMENT OF HEALTH



P E R M I T  
TYPE II



JOE L WARD

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field 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 (alveolar) air. issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 07/07/2011

Number 210211

Expires 07/07/2013

MO 580-6771 (7-06)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (12-88)

TV Serial no: 00/0000  
no: 0000

TEST REPORT

Date: 00/00/00 Time: 00:00

Site Name:

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TV Serial no: 00/0000  
no: 0000

TEST REPORT

Date: 00/00/00 Time: 00:00

Site Name:

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TV Serial no: 00/0000  
no: 0000

TEST REPORT

Date: 00/00/00 Time: 00:00

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*[Signature]*

TV Serial no: 00/0000  
no: 0000

TEST REPORT

Date: 00/00/00 Time: 00:00

Site Name:

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