



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

RECEIVED REPORT #7  
 By Carol Day at 3:57 pm, May 05, 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 096228	PRINTER SN 097.3584.044	DATE OF INSPECTION 03/26/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 7700 NATURAL BRIDGE ROAD NORMANDY MO 63121	TIME OF INSPECTION 9:39 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) 20°C

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY 03/26/14 09:39

**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) 34 C SIMULATOR SN SD1615 SIMULATOR EXP DATE 01/07/2015

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 <u>.104</u>	TEST 2 <u>.103</u>	TEST 3 <u>.102</u>
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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	<u>0</u>	(0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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).

ADJUSTED TIME

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME OMID HAMZEHZADEH
TYPE II PERMIT NUMBER/EXPIRATION DATE 220420 12-27-2014	TELEPHONE NUMBER (314) 443-5733

**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: 096228  
Version no: 532B

TEST RECORD 00248

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

Air Blank:  
03/26/14 09:42 .000  
Calibration Check:  
22 03/26/14 09:42 .103

Subject Name

Subject I.D.

Operator Name, I.D.

*Herrschbach 255*  
Location

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 00247

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

VOID: RPI  
12 03/26/14 09:41

Subject Name

Subject I.D.

Operator Name, I.D.

*Herrschbach 255*  
Location

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 00246

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

Air Blank:  
03/26/14 09:39 .000  
Calibration Check:  
20 03/26/14 09:39 .104

Subject Name

Subject I.D.

Operator Name, I.D.

*Herrschbach 255*  
Location

AS IV Serial no: 096228  
Version no: 532B

TEST RECORD 00249

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

Air Blank:  
03/26/14 09:44 .000  
Calibration Check:  
23 03/26/14 09:44 .102

Subject Name

Subject I.D.

Operator Name, I.D.

*Herrschbach 255*  
Location



## GUTH LABORATORIES, INC.

590 NORTH 87th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

### 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 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



OMID HAMZEHZADEH

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

Date 12/27/2012

Number 220420

Expires 12/27/2014

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health