



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 3:52 pm, Aug 12, 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 <u>84-9324 030800</u>	PRINTER SN <u>84-9324-155</u>	DATE OF INSPECTION <u>07/30/2014</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>400 First St Hillsboro</u>		TIME OF INSPECTION <u>0240 hrs</u>

**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 Lab LOT # 14110 EXP. DATE 05/01/16
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIMULATOR SN S220002 SIMULATOR EXP DATE 03/20/15

- 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>.101</u>	TEST 3 <u>.101</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>1</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).

**INSPECTING OFFICER**

SIGNATURE <u>Richard Beattie</u>	PRINT NAME <u>Richard Beattie 197</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240268 06/12/2016</u>	TELEPHONE NUMBER <u>636 792-5000</u>

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: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 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 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.*

AS IV Serial no: 030800  
Version no: 532E

TEST RECORD 00031

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

Air Blank:  
07/30/14 22:44 .000  
Calibration Check:  
24 07/30/14 22:44 .104

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Det Richard Beattie 197

Location

400 First St

Hillsboro, MA 03050

##

AS IV Serial no: 030800  
Version no: 532E

TEST RECORD 00030

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

Air Blank:  
07/30/14 22:41 .000  
Calibration Check:  
23 07/30/14 22:41 .104

Subject Name

Test #1

Subject I.D.

Operator Name, I.D.

Det Richard Beattie 197

Location

400 First St

Hillsboro, MA 03050

AS IV Serial no: 030800  
Version no: 532E

TEST RECORD 00033

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

VOID: RFI  
12 07/30/14 22:47

Subject Name

REF Test

Subject I.D.

AS IV Serial no: 030800  
Version no: 532E

TEST RECORD 00032

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

Air Blank:  
07/30/14 22:46 .000  
Calibration Check:  
24 07/30/14 22:46 .104

Subject Name

Test #3



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

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**PERMIT  
 TYPE II**

**RICHARD BEATTIE**

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

**DATAMASTER, INTOX EC/IR II, 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 6/12/2014

NUMBER 240268

EXPIRES 6/12/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (R6-10)

MO 580-0771 (6-10)



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

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*



Operator BEATTIE, RICHARD  
 Permit No 240268  
 Date Issued 6/12/2014 Date Expires 6/12/2016