



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

RECEIVED 10/8/14 4:07

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and send copy to Department of Health and Senior Services; retain original in department file.

**REVIEWED** Instrument is repaired.  
By Carol Day at 11:25 am, Nov 07, 2014

ALCO SENSOR IV SN <b>030800</b>	PRINTER SN <b>858. 84. 9324. 155</b>	DATE OF INSPECTION <b>10/01/14</b>
LOCATION OF INSTRUMENT (STREET AND CITY) <b>400 First St Hillsboro, MO</b>		TIME OF INSPECTION <b>1725 hrs</b>

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**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
STANDARD SUPPLIER <b>Guth Lab</b>	LOT # <b>14110</b> EXP. DATE <b>05/01/16</b>
SIMULATOR TEMPERATURE (34°C ± 0.2°C) <b>34°</b>	SIMULATOR SN <b>SD2200</b> SIMULATOR EXP DATE <b>03/20/2015</b>

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 = <b>.098</b>	TEST 2 = <b>.097</b>	TEST 3 = <b>.096</b>
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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-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

*Instrument operates properly*

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>[Signature]</i>	PRINT NAME <b>Richard Beattie 187</b>
TYPE II PERMIT NUMBER/EXPIRATION DATE <b>240268 06/12/2014</b>	TELEPHONE NUMBER <b>636 797-5000</b>

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: 030800  
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00041

Temp Date Time 9/  
210L  
Air Blank: 10/01/14 17:35 .000  
Calibration Check: 23 10/01/14 17:35 .097

Subject Name  
Test #2  
Subject I.D.

Operator Name: I.D.  
Dop D Beattie 197  
Location  
400 First St  
Hillsboro, Mo 63050

AS IV Serial no: 030800  
Version no: 532B

TEST RECORD 00040

Temp Date Time 9/  
210L  
Air Blank: 10/01/14 17:28 .000  
Calibration Check: 23 10/01/14 17:28 .098

Subject Name  
Test #1  
Subject I.D.

Operator Name: I.D.  
Dop D Beattie 197  
Location  
400 First St  
Hillsboro, Mo 63050

AS IV Serial no: 030800  
Version no: 532B

TEST RECORD 00042

Temp Date Time 9/  
210L  
Air Blank: 10/01/14 17:40 .000  
Calibration Check: 24 10/01/14 17:40 .096

Subject Name  
Test #3  
Subject I.D.

Operator Name: I.D.  
Dop D Beattie 197  
Location  
400 First St  
Hillsboro, Mo 63050

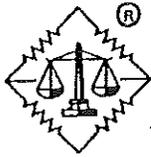
AS IV Serial no: 030800  
Version no: 532B

TEST RECORD 00043

Temp Date Time 9/  
210L  
VOID: REI  
12 10/01/14 17:43

Subject Name  
Test #2  
Subject I.D.

Operator Name: I.D.  
Dop D Beattie 197  
Location  
400 First St  
Hillsboro, Mo 63050



# 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 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.*



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

MO 580-0771 (6-10)

LAB-4 (R6-10)



**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**