



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

RECEIVED 3/6/14-CD

**REVIEWED** REPORT #7  
 By Carol Day at 9:24 am, Mar 14, 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 099365	PRINTER SN 097.3584.346	DATE OF INSPECTION 03/01/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) Laurie Police Department, 147 S. Main St, Laurie, Mo, 65038	TIME OF INSPECTION 7:35 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 LOT # 13210 EXP. DATE 07/25/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR6929 SIMULATOR EXP DATE 07/15/2014

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 → .101

TEST 2 → .102

TEST 3 → .102

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)	30	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

Replaced printer ribbon.

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Jason A. Sylvester

TYPE II PERMIT NUMBER/EXPIRATION DATE  
230364 / 12/31/2015

TELEPHONE NUMBER  
(573) 374-4871

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 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-564-8470

**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.*

1

AS 1U Serial no: 099365  
Version no: 532B

TEST RECORD 00119

Temp Date Time 210L

Air Blank:

03/01/14 19:35 .000

Calibration Check:  
19 03/01/14 19:35 .101

Subject Name

Subject I.D.

Silverster 330346

Operator Name, I.D.

Laurie P.D

Location

2

AS 1U Serial no: 099365  
Version no: 532B

TEST RECORD 00120

Temp Date Time 210L

Air Blank:

03/01/14 19:37 .000

Calibration Check:  
19 03/01/14 19:37 .102

Subject Name

Subject I.D.

Silverster 330346

Operator Name, I.D.

Laurie P.D

Location

3

AS 1U Serial no: 099365  
Version no: 532B

TEST RECORD 00121

Temp Date Time 210L

Air Blank:

03/01/14 19:39 .000

Calibration Check:  
20 03/01/14 19:39 .102

Subject Name

Subject I.D.

Silverster 330346

Operator Name, I.D.

Laurie P.D

Location

4

AS 1U Serial no: 099365  
Version no: 532B

TEST RECORD 00122

Temp Date Time 210L

UOIII: RFI

12 03/01/14 19:41

Subject Name

Subject I.D.

Silverster 330346

Operator Name, I.D.

Laurie P.D

Location



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



**PERMIT**  
**TYPE II**

**JASON A SYLVESTER**

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

**ALCO-SENSOR IV WITH 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 12/31/2013

NUMBER 230346

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 SYLVESTER, JASON  
Permit No 230346  
Date issued 12/31/2013 Date Expires 12/31/2015