



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REP**

**RECEIVED**  
By Carol Day at 9:33 am, Dec 30, 2014

RE

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

ALCO SENSOR IV SN 030805	PRINTER SN 099.3586.179	DATE OF INSPECTION 12/28/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 302 S. Main St Southwest city Mo, 64863		TIME OF INSPECTION 3:22 pm

**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observ  
ues 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 Laboratories LOT # 14110 EXP. DATE 05/01/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN DR3479 SIMULATOR EXP DATE 04/23/2

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  
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 → 0.095

TEST 2 → 0.098

TEST 3 → 0.098

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)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	1
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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  
established limits (use other side if necessary).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
Rick Lance

TYPE # PERMIT NUMBER/EXPIRATION DATE  
240205 04/30/2016

TELEPHONE NUMBER  
(417) 762-3768



## 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: 800005  
Version no: 5000

TEST RECORD 00144

Temp Date Time 2101

Operator Name: RFI  
12/28/14 15:25

Subject Name

Maint Test

Subject I.D.

RFI Test

Operator Name: I.D.

R Lance 240205

Location

302 S. Main St

SWC Mo 64863

AS IV Serial no: 800005  
Version no: 5000

TEST RECORD 00142

Temp Date Time 2101

Air Blank: 12/28/14 15:23 .000  
Calibration Check: 22 12/28/14 15:23 .000

Subject Name

Maint Test

Subject I.D.

Test # 2

Operator Name: I.D.

R Lance 240205

Location

302 S. Main

SWC Mo 64863

AS IV Serial no: 800005  
Version no: 5000

TEST RECORD 00143

Temp Date Time 2101

Air Blank: 12/28/14 15:24 .000  
Calibration Check: 22 12/28/14 15:24 .000

Subject Name

Maint Test

Subject I.D.

Test # 3

Operator Name: I.D.

R Lance 240205

Location

302 S. Main

SWC Mo 64863

AS IV Serial no: 800005  
Version no: 5000

TEST RECORD 00145

Temp Date Time 2101

Air Blank: 12/28/14 15:22  
Calibration Check: 22 12/28/14 15:22

Subject Name

Maint Test

Subject I.D.

Test # 1

Operator Name: I.D.

R Lance 240205

Location

302 S. Main

SWC Mo 64863



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



**PERMIT**  
**TYPE II**  
**RICK LANCE**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repair and provide 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 306.109 through 306.111 RSMo and 306.111 through 306.119 RSMo.

ISSUED: 4/30/2014  
 PERMIT NO: 240205  
 EXPIRES: 4/30/2016

DIRECTOR OF STATE FIRE MARSHAL

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 LANCE, RICK  
 Permit No 240205  
 Date Issued 4/30/2014 Date Expires 4/30/2016