



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 10:51 am, Jun 12, 2015

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

ALCO SENSOR IV SN 105446	PRINTER SN 099.3586.164	DATE OF INSPECTION 05/29/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 401 N Bynum, Lone Jack, MO. 64070	TIME OF INSPECTION 2:22 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 Laboratories LOT # 14220 EXP. DATE 09/04/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3319 SIMULATOR EXP DATE 02/09/2016

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 = 0.100      TEST 2 = 0.100      TEST 3 = 0.100

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	1	(0-.04)	0	(.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).

Instrument re-calibrated due to low testing with solution twice (.091)

**INSPECTING OFFICER**

SIGNATURE PRINT NAME  
Zach Argetsinger

TYPE # PERMIT NUMBER/EXPIRATION DATE TELEPHONE NUMBER  
250044 02/20/2017 (816) 697-2417

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.

889 NORTH 6TH STREET • HARRISBURG, PA 17111-4911 • TELEPHONE: 717-664-6500

### CERTIFICATE OF ANALYSIS

#### Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1289% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 at 11:59 PM.

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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 FN03051301 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: 185446  
Version no: 532B

TEST RECORD 00257  
Temp Date Time 210L 9/

Air Blank: 05/29/15 14:22 .000  
Subject Test: Auto 25 05/29/15 14:22 .000

Subject Name  
Digital Readout/Blank Test  
Subject I.II.

Operator Name, I.II.  
Zach Argetsinger 250044  
Location  
401 N. Bynum  
Lone Jack

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00253  
Temp Date Time 210L 9/

Air Blank: 05/29/15 14:41 .000  
Calibration Check: 27 05/29/15 14:41 .100

Subject Name  
Test #1  
Subject I.II.

Operator Name, I.II.  
Argetsinger 250044  
Location  
401 N. Bynum  
Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00264  
Temp Date Time 210L 9/

Air Blank: 05/29/15 14:43 .000  
Calibration Check: 27 05/29/15 14:43 .100

Subject Name  
Test #2  
Subject I.II.

Operator Name, I.II.  
Argetsinger 250044  
Location  
401 N. Bynum  
Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00255  
Temp Date Time 210L 9/

Air Blank: 05/29/15 14:44 .000  
Calibration Check: 28 05/29/15 14:44 .100

Subject Name  
Test #3  
Subject I.II.

~~Operator Name, I.II.~~  
Argetsinger 250044  
Location  
401 N. Bynum  
Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00266

Temp Date Time 210L 9/

VOID: RFI  
12 05/29/15 14:43

Subject Name

RFI Test

Subject I.II.

Operator Name, I.II.

Argetsinger 250044  
Location

401 N. Bynum

Lone Jack, MO



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

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**PERMIT  
 TYPE II**

**ZACHARY A ARGETSINGER**

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**

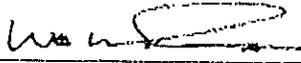
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

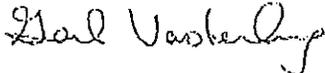
DATE 2/20/2015

NUMBER 250044

EXPIRES 2/20/2017

MO 580-0771 (6-10)

  
 DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
 acting director  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB 4 (09-10)

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 ARGETSINGER, ZACHARY  
 Permit No 250044  
 Date Issued 2/20/2015 Date Expires 2/20/2017