



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

REPORT #7

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 105446	PRINTER SN 099.3586.164	DATE OF INSPECTION 06/08/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 401 N. Bynum, Lone Jack, MO. 64070		TIME OF INSPECTION 9:51 am

**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 # 16040 EXP. DATE 01/20/2018
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2238 SIMULATOR EXP DATE 02/09/2017

- 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 → 0.097%	TEST 2 → 0.097%	TEST 3 → 0.096%
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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	(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).

9V Battery Change

<b>INSPECTING OFFICER</b>	
SIGNATURE <i>Zach Argetsinger</i> #375	PRINT NAME Zach Argetsinger
TYPE PERMIT NUMBER/EXPIRATION DATE 250044 02/20/2017	TELEPHONE NUMBER (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.**

550 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-654-5470

**CERTIFICATE OF ANALYSIS**

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 16040 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on January 22, 2016, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is January 20, 2018 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 FN08051301 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 00379

Temp Date Time 2101 9/

Air Blank:

06/08/16 11:05 .005

Calibration Check:

25 06/08/16 11:05 .097

Subject Name

Test #2

Subject I.D.

Operator Name, I.D.

Argetsinger 250044

Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD: 00378

Temp Date Time 2101 9/

Air Blank:

06/08/16 11:03 .000

Calibration Check:

25 06/08/16 11:03 .097

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Argetsinger 250044

Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00376

Temp Date Time 2101 9/

UOIU: RSL

12 06/08/16 09:52

Subject Name

RIT Test

Subject I.D.

Operator Name, I.D.

Argetsinger 250044

Location

401 N. Bynum

Lone Jack, MO

64070

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00375

Temp Date Time 2101 9/

Air Blank:

06/08/16 09:51 .000

Subject Test: Air

24 06/08/16 09:51 .080

Subject Name

Digital Readout test

Subject I.D.

Operator Name, I.D.

Argetsinger 250044

Location

401 N. Bynum

Lone Jack, MO

AS IV Serial no: 185446  
Version no: 532B

TEST RECORD 00380

Temp Date Time 2101 9/

Air Blank:

06/08/16 11:06 .005

Calibration Check:

25 06/08/16 11:06 .096

Subject Name

Test #3

Subject I.D.

Operator Name, I.D.

Argetsinger 250044

Location

401 N. Bynum

Lone Jack, MO



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



**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

*[Signature]*  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*[Signature]*  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO-560-07-71 (8-10)

LA5-4 (8-10)

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 from expired air in Missouri.



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