



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

**RECEIVED**  
By Carol Day at 1:50 pm, Aug 31, 2015

REPORT #7

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 files.

ALCO SENSOR IV SN 097405	PRINTER SN 08C356388	DATE OF INSPECTION 8-28-15
LOCATION OF INSTRUMENT (STREET AND CITY) Steele Police Department 115 S. Walnut Steele, Mo. 63877		TIME OF INSPECTION 17131

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 Inc LOT # 15050 EXP. DATE 3-09-17

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD1758 SIMULATOR EXP DATE 09/16/2015

- 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 → .096 TEST 2 → .096 TEST 3 → .097

- 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).

MACHINE WORKING TO SPECIFICATIONS

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME JOSH CARTER
TYPE II PERMIT NUMBER/EXPIRATION DATE 240348/10/03/2016	TELEPHONE NUMBER (573) 695-2100

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.

630 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-684-6470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15050 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 11, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. The expiration date for this lot number is March 9, 2017 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: 097405  
Version no: 532B

TEST RECORD 00188

Temp Date Time <sup>sr</sup> 210L

Air Blank:  
12 08/28/15 17:34 .000

Calibration Check:  
24 08/28/15 17:34 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097405  
Version no: 532B

TEST RECORD 00187

Temp Date Time <sup>sr</sup> 210L

Air Blank:  
08/28/15 17:33 .000

Calibration Check:  
24 08/28/15 17:33 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097405  
Version no: 532B

TEST RECORD 00186

Temp Date Time <sup>sr</sup> 210L

Air Blank:  
08/28/15 17:32 .000

Calibration Check:  
24 08/28/15 17:32 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097405  
Version no: 532B

TEST RECORD 00185

Temp Date Time <sup>sr</sup> 210L

Air Blank:  
08/28/15 17:31 .000

Calibration Check:  
23 08/28/15 17:31 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location



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



**PERMIT**  
**TYPE II**

**JOSHUA S CARTER**

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 10/3/2014  
 NUMBER 240348  
 EXPIRES 10/3/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director  
 DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 890-0771 (S-10)

LAB-4 (1/16-10)

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 CARTER, JOSHUA  
 Permit No 240348  
 Date Issued 10/3/2014 Date Expires 10/3/2016

