



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

RECEIVED

By Carol Day at 9:18 am, Aug 12, 2015

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 099361 PRINTER SN 097-3584-336 DATE OF INSPECTION 8-5-15

LOCATION OF INSTRUMENT (STREET AND CITY) 106 W 3rd St Garden City MO. 64747 TIME OF INSPECTION 1730

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 # 15050 EXP DATE 3-9-17

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2314 SIMULATOR EXP DATE 11-3-15

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 = .100 TEST 2 = .100 TEST 3 = .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	<u>0</u>	(0-.04)	<u>1</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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).

INSPECTING OFFICER

SIGNATURE [Signature]

PRINT NAME Richard D Williams

TYPE II PERMIT NUMBER/EXPIRATION DATE 230347 12-31-15

TELEPHONE NUMBER (816) 773-8201

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.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

**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: 099361  
Version no: 532B

TEST RECORD 00243

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
08/05/15 17:35 .000  
Calibration Check:  
22 08/05/15 17:35 .100

Subject Name  
*Richard D Williams*

Subject I.D.  
*230347*

Operator Name, I.D.  
*712*

Location  
*GCPD*

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00244

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
08/05/15 17:37 .000  
Calibration Check:  
22 08/05/15 17:37 .100

Subject Name  
*Richard D Williams*

Subject I.D.  
*230347*

Operator Name, I.D.  
*712*

Location  
*GCPD*

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00245

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
08/05/15 17:40 .000  
Calibration Check:  
23 08/05/15 17:40 .100

Subject Name  
*Richard D Williams*

Subject I.D.  
*230347*

Operator Name, I.D.  
*712*

Location  
*GCPD*

AS IV Serial no: 099361  
Version no: 532B

TEST RECORD 00246

Temp Date Time <sup>9/</sup> 210L

VOID: RF1  
12 08/05/15 17:49

Subject Name  
*Richard D Williams*

Subject I.D.  
*230347*

Operator Name, I.D.  
*712*

Location  
*GCPD*



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



PERMIT  
TYPE II

**RICHARD D WILLIAMS**

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 230347

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 535-0771 (6-10)

LA0-4 (RG-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 WILLIAMS, RICHARD  
Permit No 230347  
Date Issued 12/31/2013 Date Expires 12/31/2015