



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

**RECEIVED**

REPORT #7

By Carol Day at 4:22 pm, Oct 02, 2015

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

|  |                            |                                  |
|--|----------------------------|----------------------------------|
| ALCO SENSOR IV SN<br>097421  | PRINTER SN<br>096.3580.987 | DATE OF INSPECTION<br>09/26/2015 |
| LOCATION OF INSTRUMENT (STREET AND CITY)<br>110 Silverlady Ln Branson West Mo, 65737 |                            | TIME OF INSPECTION<br>8:05 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 # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3139 SIMULATOR EXP DATE 07/24/2016

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 → .101

TEST 2 → .101

TEST 3 → .102

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 |
|----------|---|---------|---|-----------|---|-----------|---|-----------|---|------------|---|

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<br>  | PRINT NAME<br>Vincent Collins      |
| TYPE II PERMIT NUMBER/EXPIRATION DATE<br>240349 10-03-2016 | TELEPHONE NUMBER<br>(417) 272-3400 |

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: 717-564-5470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15120 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 4, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is April 29, 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.*



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

2

PERMIT  
TYPE II

VINCENT COLLINS

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, DATAMASTER

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 240349

EXPIRES 10/3/2016

MO 580-6771 (6-10)

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

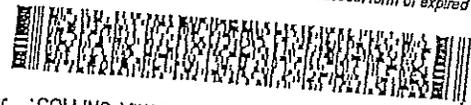
Gal Vosterly  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (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 COLLINS, VINCENT  
Permit No 240349  
Date Issued 10/3/2014 Date Expires 10/3/2016

AS IV Serial no: 097421  
Version no: 532B

TEST RECORD 00208

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

Air Blank:  
09/26/15 08:05 .000  
Calibration Check:  
20 09/26/15 08:05 .101

Subject Name

Test #1

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silver Lady Ln

Branson West mo 65737

*Vince Collins*

AS IV Serial no: 097421  
Version no: 532B

TEST RECORD 00210

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

Air Blank:  
09/26/15 08:10 .000  
Calibration Check:  
22 09/26/15 08:10 .101

Subject Name

Test #2

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silver Lady Ln

Branson West mo 65737

*Vince Collins*

AS IV Serial no: 097421  
Version no: 532B

TEST RECORD 00211

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

Air Blank:  
09/26/15 08:12 .000  
Calibration Check:  
23 09/26/15 08:12 .102

Subject Name

Test #3

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silver Lady Ln

Branson West mo 65737

*Vince Collins*

AS IV Serial no: 097421  
Version no: 532B

TEST RECORD 00212

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

VOID: RFI  
12 09/26/15 08:17

Subject Name

RFI Test

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West 240349

Location

110 Silver Lady Ln

Branson West mo 65737

*Vince Collins*

AS IV Serial no: 097421  
Version no: 532B

TEST RECORD 00213

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

Air Blank:  
09/26/15 08:20 .000  
Subject Test: Auto  
23 09/26/15 08:20 .000

Subject Name

Blank Test

Subject I.D.

Vince Collins 240349

Operator Name, I.D.

Branson West P.D.

Location

110 Silver Lady Ln

Branson West mo 65737

*Vince Collins*