



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED 3/28/14-CD

REVIEWED

REPORT #7

By Carol Day at 2:32 pm, Apr 01, 2014

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

| | | |
|-----------------------------|----------------------------|----------------------------------|
| ALCO SENSOR IV SN 099364 | PRINTER SN 097.3584.339 | DATE OF INSPECTION 03/18/2014 |
|-----------------------------|----------------------------|----------------------------------|

| | |
|---|--------------------------------|
| LOCATION OF INSTRUMENT (STREET AND CITY) Franklin County Sheriff's Office. #1 Bruns Lane, Union MO 63084 | TIME OF INSPECTION 12:16 pm |
|---|--------------------------------|

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 # 14030 EXP. DATE 01/20/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1874 SIMULATOR EXP DATE 12/18/2014

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 ← .099

TEST 2 ← .098

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 | 0 | (0-.04) | 1 | (.05-.09) | 2 | (.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).

Changed the time due to daylight savings time.

INSPECTING OFFICER

| | |
|--|--|
| SIGNATURE | PRINT NAME Cpl. Michael Richardson/1271 |
| TYPE II PERMIT NUMBER/EXPIRATION DATE 230343 12/31/2015 | TELEPHONE NUMBER (636) 583-2560 |

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



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

2

**PERMIT
TYPE II**

MICHAEL A RICHARDSON

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 230343

EXPIRES 12/31/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (9-10)

LAB-4 (9/8-10)

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 form of expired air in Missouri.

Operator RICHARDSON, MICHAEL
Permit No 230343
Date Issued 12/31/2013 Date Expires 12/31/2015



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 **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 2016** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of $0.100 \text{ g}/210\text{L} \pm 3\%$.

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 FN122211-02 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: 099364
Version no: 532B

TEST RECORD 00113

Temp Date Time ^{s/} 210L

Air Blank:
03/18/14 12:16 .000
Calibration Check:
22 03/18/14 12:16 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Cpl Richardson

Location

230343

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00114

Temp Date Time ^{s/} 210L

Air Blank:
03/18/14 12:18 .000
Calibration Check:
23 03/18/14 12:18 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Cpl Richardson

Location

230343

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00116

Temp Date Time ^{s/} 210L

VOID: RFI
12 03/18/14 12:22

Subject Name

Subject I.D.

Cpl Richardson

Operator Name, I.D.

230343

Location

AS IV Serial no: 099364
Version no: 532B

TEST RECORD 00115

Temp Date Time ^{s/} 210L

Air Blank:
03/18/14 12:20 .000
Calibration Check:
24 03/18/14 12:20 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Cpl Richardson

Location

230343