MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED** REPORT #7
*By Carol Day at 11:45 am, Oct 10, 2014*

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 | PRINTER SN | DATE OF INSPECTION |
|---|---|---|
| 0904801 Oakview MO | 097.3584.332 | 10/07/2014 |

| LOCATION OF INSTRUMENT (STREET AND CITY) | TIME OF INSPECTION |
|---|---|
| 6404 N. Locust, Oakview MO 64118 Oakview City Hall | 2:11 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 Labortatories LOT # 14110 EXP. DATE 05/01/2016

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 093752 SIMULATOR EXP DATE 03/11/2015

☑ 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 ☛ | TEST 2 ☛ | TEST 3 ☛ |
|---|---|---|
| .098 | ..097 | .096 |

☑ 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) |
|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 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).

Monthly test for Oct/2014

**INSPECTING OFFICER**

| SIGNATURE | PRINT NAME |
|---|---|
| ▸ 230074 | D. Littlejohn #230074 |
| **TYPE II PERMIT NUMBER/EXPIRATION DATE** | **TELEPHONE NUMBER** |
| 230074-04/26/2015 | (816) 436-9150 |

**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


AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER
services provided on a nondiscriminatory basis

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00296

| Temp | Date | Time | s/ 210L |
|---|---|---|---|

Air Blank:
10/07/14 14:28 .000
Calibration Check:
28 10/07/14 14:28 .096

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00294

| Temp | Date | Time | s/ 210L |
|---|---|---|---|

Air Blank:
10/07/14 14:26 .000
Calibration Check:
27 10/07/14 14:26 .097

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00293

| Temp | Date | Time | s/ 210L |
|---|---|---|---|

Air Blank:
10/07/14 14:24 .000
Calibration Check:
26 10/07/14 14:24 .098

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801
Version no: 532B

TEST RECORD 00291

| Temp | Date | Time | s/ 210L |
|---|---|---|---|

VOID: RFI
12 10/07/14 14:11

Subject Name

Subject I.D.

Operator Name, I.D.

Location

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 **14110** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 5, 2014,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1206%** (w/vol) ethyl alcohol. The expiration date for this lot number is **May 1, 2016** 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 **FNI22211-02** 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.*