MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7
RECEIVED
By Carol Day at 3:55 pm, May 05, 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 |
|---|---|---|
| 096228 | 097.3584.044 | 04/26/2014 |

| LOCATION OF INSTRUMENT (STREET AND CITY) | TIME OF INSPECTION |
|---|---|
| 7700 NATURAL BRIDGE ROAD NORMANDY MO 63121 | 9:28 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) 21 °C
- ☑ PRINTER WORKING PROPERLY
- ☑ TIME AND DATE DISPLAYING PROPERLY 04/26/14

**BREATH ALCOHOL ACCURACY STANDARDS**

☑ SIMULATOR SOLUTION ☐ COMPRESSED ETHANOL-GAS MIXTURE

☑ STANDARD SUPPLIER GUTH LABORATORIES, INC. LOT # 13280 EXP. DATE 10/16/2015

☑ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 C SIMULATOR SN SD1615 SIMULATOR EXP DATE 01/07/2015

☑ 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 ☛ |
|---|---|---|
| .102 | .101 | .101 |

☑ 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).

**INSPECTING OFFICER**

| SIGNATURE | PRINT NAME |
|---|---|
| ▸ | OMID HAMZEHZADEH |
| **TYPE II PERMIT NUMBER/EXPIRATION DATE** | **TELEPHONE NUMBER** |
| 220420 12-27-2014 | (314) 443-5733 |

**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: 096228
Version no: 532B

TEST RECORD 00252

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

Air Blank:
04/26/14 21:34 .000
Calibration Check:
24 04/26/14 21:34 .101

Subject Name

Subject I.D.

Operator Name, I.D.
Hamzahzadeh 255
Location

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00253

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

Air Blank:
04/26/14 21:35 .000
Calibration Check:
25 04/26/14 21:35 .101

Subject Name

Subject I.D.

Operator Name, I.D.
Hamzahzadeh 255
Location

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00254

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

VOID: RFI
12 04/26/14 21:36

Subject Name

Subject I.D.

Operator Name, I.D.
Hamzahzadeh 255
Location

AS IV Serial no: 096228
Version no: 532B

TEST RECORD 00251

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

Air Blank:
04/26/14 21:32 .000
Calibration Check:
22 04/26/14 21:32 .102

Subject Name

Subject I.D.

Operator Name, I.D.
Hamzahzadeh 255
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 **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 16, 2015** 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 **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.*

State of Missouri
DEPARTMENT OF HEALTH

# PERMIT
# TYPE II

## OMID HAMZEHZADEH

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV W/PRINTER**

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 12/27/2012

Number **220420**

Expires 12/27/2014

Director of State Public Health Laboratory

ACTING DIRECTOR

Director, Department of Health

MO 580-0771 (7-88)

Lab. 4 (R7-88)