MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 2:25 pm, Sep 05, 2014

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 | PRINTER SN | DATE OF INSPECTION |
|---|---|---|
| 630788 | 84.9324.157 | 08/27/2014 |
| LOCATION OF INSTRUMENT (STREET AND CITY) | | TIME OF INSPECTION |
| 400 First St Hillsboro | | 0930 hrs |

**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.

- [x] DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
- [x] TEMPERATURE OF ALCO SENSOR (10°C - 40°C)
- [x] PRINTER WORKING PROPERLY
- [x] TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

- [x] SIMULATOR SOLUTION
- [ ] COMPRESSED ETHANOL-GAS MIXTURE

[x] STANDARD SUPPLIER Guth Lab LOT # 14110 EXP. DATE 05/01/2016

[x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34° SIMULATOR SN SD2222 SIMULATOR EXP DATE 03/20/2015

[x] 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)

- [x] 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 |
|---|---|---|
| .100 | .099 | .099 |

[x] 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).
Instrument Operates within guidelines set forth by Dept. of Health & Senior Services.

**INSPECTING OFFICER**

| SIGNATURE | PRINT NAME |
|---|---|
| Jeff Kettle 197 | Jeff Kettle |
| TYPE II PERMIT NUMBER / EXPIRATION DATE | TELEPHONE NUMBER |
| 240268 06/12/2016 | 636-797-5000 |

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 **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 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: 030788
Version no: 532B

TEST RECORD 00036

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

Air Blank:
08/28/14 00:28 .000
Calibration Check:
28 08/28/14 00:28 .099

Subject Name
Test #2

Subject I.D.

Operator Name, I.D.
Dep R. Beattie 197

Location
400 First St
Hillsboro, Mo 63050

AS IV Serial no: 030788
Version no: 532B

TEST RECORD 00035

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

Air Blank:
08/28/14 00:25 .000
Calibration Check:
28 08/28/14 00:25 .100

Subject Name
Test #1

Subject I.D.

Operator Name, I.D.
Dep R. Beattie 197

Location
400 First St
Hillsboro, Mo

AS IV Serial no: 030788
Version no: 5320

TEST RECORD 00038

| Temp | Date | Time | g/ 210L |
|---|---|---|---|
| VOID: RFI | | | |
| 12 | 08/28/14 | 00:32 | |

Subject Name
RFI

Subject I.D.

Operator Name, I.D.
Dep. D. Beattie 197

Location
400 First St
Hillsboro, Mo

AS IV Serial no: 030788
Version no: 5320

TEST RECORD 00037

| Temp | Date | Time | g/ 210L |
|---|---|---|---|
| Air Blank: | | | |
| | 08/28/14 | 00:31 | .000 |
| Calibration Check: | | | |
| 28 | 08/28/14 | 00:31 | .099 |

Subject Name
Test #3

Subject I.D.

Operator Name, I.D.
Dep. D. Beattie 197

Location
400 First St
Hillsboro, Mo

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

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# PERMIT

## TYPE II

## RICHARD BEATTIE

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

**DATAMASTER, INTOX EC/IR II, ALCO-SENSOR IV W/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 6/12/2014

NUMBER 240268

EXPIRES 6/12/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-1 (R5-10)

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 BEATTIE, RICHARD
Permit No 240268
Date Issued 6/12/2014 Date Expires 6/12/2016