MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

# ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

**RECEIVED**
By Carol Day at 11:21 am, Feb 11, 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 |
|---|---|---|
| 102525 | 096.3580.563 | 2/2/14 |

| LOCATION OF INSTRUMENT (STREET AND CITY) | TIME OF INSPECTION |
|---|---|
| ST JOHN PD 8944 ST CHARLES ROAD ST JOHN MO 63114 | 1512 |

**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 1512 02/02/14

**BREATH ALCOHOL ACCURACY STANDARDS**

- [x] SIMULATOR SOLUTION
- [ ] COMPRESSED ETHANOL-GAS MIXTURE
- [x] STANDARD SUPPLIER GUTH LABORATORIES LOT # 13010 EXP. DATE 1/9/2015
- [x] SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0°C SIMULATOR SN 102525 SIMULATOR EXP DATE 7/10/2014
- [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 |
|---|---|---|
| .102 | .102 | .102 |

- [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 | 1 | 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 |
|---|---|
| Valerie Manuele | VALERIE MANUELE |
| **TYPE II PERMIT NUMBER/EXPIRATION DATE** | **TELEPHONE NUMBER** |
| 230095 05/28/2015 | (314) 427-8700 |

**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

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 **13010** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 14, 2013,** using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1218%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 9, 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.*

AS IV Serial no: [illegible]
Version no: [illegible]

TEST RECORD [illegible]

Temp Date [illegible]

Air Blank:
02/02/14 [illegible]
Calibration Ch[illegible]
25 [illegible] 15:16 .102

Subject Name
Simulator
Subject I.D.

Operator Name
Manuele 142
Location

AS IV Serial no: 102525
Version no: [illegible]

TEST RECORD [illegible]

Temp Date [illegible]

Air Blank:
02/02/14 [illegible]
Calibration Ch[illegible]
25 02/02/14 15:14 .102

Subject Name
Simulator
Subject I.D.

Operator Name
Manuele 142
Location

AS IV Serial no: 102525
Version no: [illegible]

TEST RECORD - REPRINT

TEST RECORD [illegible]

Temp Date Time [illegible]

Air Blank:
02/02/14 [illegible] .000
Calibration Ch[illegible]
24 02/02/14 [illegible] .122

Subject Name
Simulator
Subject I.D.

Operator Name I.D.
Manuele 142
Location

AS IV Serial no: [illegible]
Version no: [illegible]

TEST RECORD [illegible]

Temp Date [illegible]

Air Blank:
02/02/14 [illegible]
Calibration Ch[illegible]
25 [illegible] 15:17

Subject Name
Simulator
Subject I.D.

Operator Name
Manuele 142
Location

STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES

BREATH ALCOHOL PROGRAM

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# PERMIT

## TYPE II

**VALERIE MANUELE**

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 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 05/28/2013

NUMBER 230095

EXPIRES 05/28/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-0771 (6-10)

LAB-4 (R5-10)