



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
 STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
 By Carol Day at 10:09 am, Jul 07, 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 108266	PRINTER SN 099.3586.822	DATE OF INSPECTION 07/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 600 Walnut St E. Columbia		TIME OF INSPECTION 4:55 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 # 14110 EXP. DATE 05/01/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2761 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 <u>.100</u>	TEST 2 <u>.100</u>	TEST 3 <u>.100</u>
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- 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	3	(0-.04)	11	(.05-.09)	1	(.10-.14)	2	(.15-.19)	3	(OVER .19)	6
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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).

Calibrated to a .100

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Lori Simpson
TYPE II PERMIT NUMBER/EXPIRATION DATE 230175 08/26/2015	TELEPHONE NUMBER (573) 874-7652

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 87th 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 $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \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: 108266
Version no: 532B

TEST RECORD 00091

Temp Date Time ^{s/} 210L

Air Blank:
07/03/14 16:58 .000
Calibration Check:
26 07/03/14 16:58 .100

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Simpson 1939

Location

600 E Walnut St

AS IV Serial no: 108266
Version no: 532B

TEST RECORD 00090

Temp Date Time ^{s/} 210L

Air Blank:
07/03/14 16:57 .000
Calibration Check:
26 07/03/14 16:57 .100

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Simpson 1939

Location

400 E Walnut St

AS IV Serial no: 108266
Version no: 532B

TEST RECORD 00089

Temp Date Time ^{s/} 210L

Air Blank:
07/03/14 16:55 .000
Calibration Check:
25 07/03/14 16:55 .100

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Simpson 1939

Location

600 E Walnut St

AS IV Serial no: 108266
Version no: 532B

TEST RECORD 00092

Temp Date Time ^{s/} 210L

VOID: RFI
12 07/03/14 17:00

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Simpson 1939

Location

600 E Walnut St