



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 4:26 pm, May 09, 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 097460	PRINTER SN 096.3580.957	DATE OF INSPECTION 05/07/2014
LOCATION OF INSTRUMENT (STREET AND CITY) H-Toad zone office, Bittersweet Road, Lake Ozark		TIME OF INSPECTION 6:28 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)
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

SIMULATOR SOLUTION COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories, Inc. LOT # 13290 EXP. DATE 10/29/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN SD3150 SIMULATOR EXP DATE 01/03/2015

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 ➡ .101%	TEST 2 ➡ .103%	TEST 3 ➡ .105%
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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	0	(.0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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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).

INSPECTING OFFICER

SIGNATURE <i>Tpr. C. Richardson</i>	PRINT NAME Tpr. C. Richardson
TYPE II PERMIT NUMBER/EXPIRATION DATE 230335 / 12-23-2014	TELEPHONE NUMBER (573) 751-1000

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.

800 NORTH 67th STREET • HARRISBURG, PA 17111-4811 • TELEPHONE: 717-584-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13290 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is October 29, 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: 097460
Version no: 004C

TEST RECORD 00124 s/

Temp Date Time 210L

Air Blank: 05/07/14 18:28 .000

Calibration Check: 28 05/07/14 18:28 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097460
Version no: 004C

TEST RECORD 00126 s/

Temp Date Time 210L

Air Blank: 05/07/14 18:33 .000

Calibration Check: 28 05/07/14 18:33 .103

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097460
Version no: 004C

TEST RECORD 00127 s/

Temp Date Time 210L

Air Blank: 05/07/14 18:35 .000

Calibration Check: 28 05/07/14 18:35 .105

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 097460
Version no: 084C

TEST RECORD 00130

Temp Date Time 210L
s/

Void: RFI
12 05/07/14 18:39

Subject Name

Subject I.D.

Operator Name: D.D.
[Signature]
Location