



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

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 108392	PRINTER SN 099.3586.814	DATE OF INSPECTION 04/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th Street, Cottleville, Missouri 63304		TIME OF INSPECTION 3:31 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 # 13280 EXP. DATE 10/16/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD2588 SIMULATOR EXP DATE 01/29/2015

- 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 → .096	TEST 2 → .095	TEST 3 → .096
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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).

This instrument was issued on 04-02-2014. Serial Number 108392 with Printer 099.3586.814

INSPECTING OFFICER

SIGNATURE <i>Jamie E. Snodgrass, 440</i>	PRINT NAME Jamie E. Snodgrass, 440
TYPE II PERMIT NUMBER/EXPIRATION DATE 230051/03-21-2015	TELEPHONE NUMBER (636) 498-6464

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.**

653 NORTH 8TH STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-661-5470

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.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00011

Temp Date Time ^{s/} 210L

Air Blank:
04/02/14 15:34 .000
Subject Test: Auto
27 04/02/14 15:34 .096

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Snodgrass, J 440

Location

Cottleville P.O.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00010

Temp Date Time ^{s/} 210L

Air Blank:
04/02/14 15:33 .000
Subject Test: Auto
27 04/02/14 15:33 .095

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Snodgrass, J 440

Location

Cottleville P.O.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00009

Temp Date Time ^{s/} 210L

Air Blank:
04/02/14 15:31 .000
Subject Test: Auto
27 04/02/14 15:31 .096

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Snodgrass, J 440

Location

Cottleville P.O.

AS IV Serial no: 108392
Version no: 532B

TEST RECORD 00012

Temp Date Time ^{s/} 210L

VOIR: RFI
12 04/02/14 15:35

Subject Name

RFI Test

Subject I.D.

Operator Name, I.D.

Snodgrass, J 440

Location

Cottleville P.O.

