



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 04/07/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 5490 5th Street, Cottleville, Missouri 63304		TIME OF INSPECTION 8:47 am

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 # 15120 EXP. DATE 04/29/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34C SIMULATOR SN SD2588 SIMULATOR EXP DATE 02/17/2017

- 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 → .100 TEST 2 → .100 TEST 3 → .100

- 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)	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).

Changed Time.

Nothing further.

INSPECTING OFFICER	
SIGNATURE <i>Jamie E. Snodgrass 440</i>	PRINT NAME Jamie E. Snodgrass, 440
TYPE II PERMIT NUMBER/EXPIRATION DATE 250067/03/25/2017	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.**

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15120 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 4, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is April 29, 2017 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 FN08051301 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 IU Serial no: 108392
Version no: 532B

TEST RECORD 00221

Temp Date Time 210L

Air Blank:
04/07/16 08:50 .000
Calibration Check:
24 04/07/16 08:50 .100

Subject Name

Test 3

Subject I.D.

Operator Name, I.D.

Snodgrass 440

Location

Cottleville P.D.

AS IU Serial no: 108392
Version no: 532B

TEST RECORD 00220

Temp Date Time 210L

Air Blank:
04/07/16 08:48 .000
Calibration Check:
24 04/07/16 08:48 .100

Subject Name

Test 2

Subject I.D.

Operator Name, I.D.

Snodgrass 440

Location

Cottleville P.D.

AS IU Serial no: 108392
Version no: 532B

TEST RECORD 00219

Temp Date Time 210L

Air Blank:
04/07/16 08:47 .000
Calibration Check:
23 04/07/16 08:47 .100

Subject Name

Test 1

Subject I.D.

Operator Name, I.D.

Snodgrass 440

Location

Cottleville P.D.

AS IU Serial no: 108392
Version no: 532B

TEST RECORD 00222

Temp Date Time 210L

VOID: PFI
12 04/07/16 08:51

Subject Name

PFI

Subject I.D.

Operator Name, I.D.

Snodgrass 440

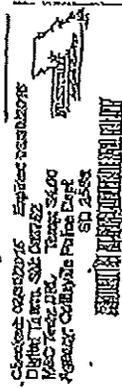
Location

Cottleville P.D.



Simulator Calibration Report

This calibration report is to verify the alcohol reference simulator listed below has been established and tested using standards traceable to the National Institute of Standards and Technology (NIST) in accordance with the standards set by the Missouri Department of Health and Senior Services Rules and Regulations, 18 CSR 205-60.051 (4).



Technician Printed Name: DAVID LUCAS

Technician Signature: [Signature]

Date: 05/30/2015

Contract Administrator: [Signature]
Contract Administrator: [Signature]

