



**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 105443	PRINTER SN 099.3586.172	DATE OF INSPECTION 08/01/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 100 Municipal Cir. Raymore		TIME OF INSPECTION 8:52 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) 22°C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories, Inc.</u> LOT # <u>15220</u> EXP. DATE <u>09/28/2017</u>	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34.0</u> SIMULATOR SN <u>SD2256</u> SIMULATOR EXP DATE <u>05/27/2017</u>	

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 • .101	TEST 3 • .101
---------------	---------------	---------------

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)	1	(OVER .19)	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 Joshua Giacone
TYPE II PERMIT NUMBER/EXPIRATION DATE 260179 04/12/2018	TELEPHONE NUMBER (816) 331-0530

**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

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00585

Temp Date Time 210L <sup>9/</sup>

Air Blank:  
08/01/16 08:52 .000  
Calibration Check:  
22 08/01/16 08:52 .101

Subject Name

Maintenance

Subject I.D.

Giacone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00586

Temp Date Time 210L <sup>9/</sup>

Air Blank:  
08/01/16 08:54 .000  
Calibration Check:  
22 08/01/16 08:54 .101

Subject Name

Maintenance

Subject I.D.

Giacone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00587

Temp Date Time 210L <sup>9/</sup>

Air Blank:  
08/01/16 08:55 .000  
Calibration Check:  
23 08/01/16 08:55 .101

Subject Name

Maintenance

Subject I.D.

Giacone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00588

Temp Date Time 210L <sup>9/</sup>

VOID: RPT  
12 08/01/16 08:56

Subject Name

Maintenance

Subject I.D.

Giacone #91A

Operator Name, I.D.

Raymore P.D.

Location



## 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 **15220** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **September 30, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **September 28, 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.*



Missouri Department of Health and Senior Services  
 P.O. Box 570, Jefferson City, MO 65102-0570 Phone: 573-751-6400 FAX: 573-751-6010  
 RELAY MISSOURI for Hearing and Speech Impaired 1-800-735-2966 VOICE 1-800-735-2466  
 Peter Lyskowski  
 Director



Jeremiah W. (Jay) Nixon  
 Governor

# SIMULATOR CERTIFICATION REPORT

## SIMULATOR INFORMATION

**Simulator Serial Number:** SD2256      **Manufacturer:** Guth  
**Model Number:** 10-4D  
**Agency:** RAYMORE PD  
**Agency Address:** 100 MUNICIPAL CIRCLE, RAYMORE, MO 64083

## NIST THERMOMETER INFORMATION

**Serial Number:** 093752      **Bias:** 0.00  
**Uncertainty:** 0.02  
**Date of Certification:** 9/8/2015      **Date of Expiration:** 9/8/2016

## ENVIRONMENTAL CONDITIONS

The environmental conditions during testing are within the tolerances of DHSS BAP method 3.

## VERIFICATION RESULTS

<u>Simulator Average</u>	<u>NIST Average</u>	<u>Combined Uncertainty</u>
34.00	33.98	.04

The combined uncertainty is calculated with a k=2 value.

## ADJUSTMENT RESULTS

No adjustment was needed.

**Date of testing:** 5/27/2016  
**Certification Expiration:** 5/27/2017  
**Simulator testing technician:** D LUCAS

**Notes on Condition:** none

**Deviation(s) from method:** none

**DHSS BAP Scientist Approving:** BRIAN LUTMER  
**Certification No:** SD2256\_5272016

X

DHSS BAP Scientist Approving



STATE OF MISSOURI  
 DEPARTMENT OF HEALTH AND SENIOR SERVICES  
 BREATH ALCOHOL PROGRAM



**PERMIT  
 TYPE II**

**JOSHUA B GIACONE**

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 WITH PRINTER, INTOX EC/IR II**

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 4/12/2016

NUMBER 260179

EXPIRES 4/12/2018

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES