



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**RECEIVED**

By Carol Day at 11:49 am, Oct 28, 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 105443	PRINTER SN 099.3586.172	DATE OF INSPECTION 10/25/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 100 Municipal Cir. Raymore	TIME OF INSPECTION 4:20 am
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**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) 20° 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 # 14030 EXP. DATE 01/20/2016
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2256 SIMULATOR EXP DATE 04/22/2015

- 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>.102</u>	TEST 2 <u>.102</u>	TEST 3 <u>.101</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	<u>0</u>	(0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>0</u>
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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).

Instrument is operating within Department of Health guidelines.

**INSPECTING OFFICER**

SIGNATURE <u>Joshua Giacone</u>	PRINT NAME Joshua Giacone
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TYPE II PERMIT NUMBER/EXPIRATION DATE 240201 04/30/2016	TELEPHONE NUMBER (816) 331-0530
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**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 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **14030** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **January 22, 2014**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1215%** (w/vol) ethyl alcohol. The expiration date for this lot number is **January 20, 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  $0.100 \text{ g}/210\text{L} \pm 3\%$ .

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: 105443  
Version no: 532B

TEST RECORD 00353

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

Air Blank:  
10/25/14 04:21 .000  
Calibration Check:  
22 10/25/14 04:21 .102

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00355

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

Air Blank:  
10/25/14 04:25 .000  
Calibration Check:  
24 10/25/14 04:25 .101

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00354

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

Air Blank:  
10/25/14 04:23 .000  
Calibration Check:  
23 10/25/14 04:23 .102

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location

AS IV Serial no: 105443  
Version no: 532B

TEST RECORD 00357

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

VOID: RFI  
12 10/25/14 04:29

Subject Name

Maintenance

Subject I.D.

J. Giaccone #91A

Operator Name, I.D.

Raymore P.D.

Location



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 4/30/2014

NUMBER 240201

EXPIRES 4/30/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 580-9771 (6-10)

LAB-4 (R6-10)



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

**INSTRUMENT OPERATOR CARD**

*The named cardholder is authorized to operate an evidential breath alcohol instrument for the determination of the alcoholic content in breath form of expired air in Missouri.*



Operator GIACONE, JOSHUA  
Permit No 240201  
Date Issued 4/30/2014 Date Expires 4/30/2016



# Simulator Calibration Report

This calibration report is to certify the alcohol reference simulator listed below has been examined 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: 19CSR 25-30.051 (4).

Checked: 4/22/2014 Expires: 04/22/2015  
Digital Therm. SN:094948  
MSC Tech:DRL Temp:33.97  
Agency: Raymore Police Dept  
SD 2256



Technician Printed Name:

DAN LUCAS

Technician Signature:

[Handwritten Signature]

Date:

04/22/2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834