



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

**RECEIVED**  
 By Carol Day at 10:26 am, Dec 01, 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 102460	PRINTER SN 096.3580.879	DATE OF INSPECTION 11/29/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 123 East Santa Fe Marceline		TIME OF INSPECTION 11:09 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 Labs                      LOT # 14200                      EXP. DATE 11/29/2014

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34                      SIMULATOR SN SD2276                      SIMULATOR EXP DATE 03/22/2015

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 → .100	TEST 2 → .099	TEST 3 → .099
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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 	PRINT NAME Captain Robert Donelson
TYPE II PERM NUMBER/EXPIRATION DATE 240381 10/27/16	TELEPHONE NUMBER (660) 376-3556

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: 717-584-5470

### CERTIFICATE OF ANALYSIS

#### Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14200 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on August 6, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1213% (w/vol) ethyl alcohol. The expiration date for this lot number is August 5, 2016 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 FNI22211-02 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: 162460  
Version no: 532B

TEST RECORD 00892  
Temp Date Time 210L

Air Blank:  
11/29/14 11:12 .000  
Calibration Check:  
22 11/29/14 11:12 .099

Subject Name

Subject I.D.

Operator Name: I.D.  
Location

143 E SANTA FE

AS IV Serial no: 102450  
Version no: 532B

TEST RECORD 00891  
Temp Date Time 210L

Air Blank:  
11/29/14 11:10 .000  
Calibration Check:  
21 11/29/14 11:10 .099

Subject Name

Subject I.D.

Operator Name: I.D.  
Location

143 E SANTA FE

AS IV Serial no: 162460  
Version no: 532B

TEST RECORD 00050  
Temp Date Time 210L

Air Blank:  
11/29/14 11:09 .000  
Calibration Check:  
20 11/29/14 11:09 .100

Subject Name

Subject I.D.

Operator Name: I.D.  
Location

143 E SANTA FE

AS IV Serial no: 162450  
Version no: 532B

TEST RECORD 00093

Temp Date Time 210L

VOID: REI  
12 11/29/14 11:14

Subject Name

Subject I.D.

Operator Name: I.D.  
Location

143 E SANTA FE



# 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: 03/12/2014 Expires: 03/12/2015  
MSC Tech: DDD  
Temp: 34.01 Digital Therm. SN: 094948  
Agency: Marcelline Police Department  
SD2276



Technician Printed Name:

DONALD D. DEBOARD

Technician Signature:

Donald D. DeBoard

Date:

3-12-2014

Contact: Missouri Safety Center

Breath Alcohol Instrument Training Program

660-543-4834



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

2

**PERMIT  
 TYPE II**

**ROBERT DONELSON**

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**

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 10/27/2014

NUMBER 240381

EXPIRES 10/27/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

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 DONELSON, ROBERT  
 Permit No 240381  
 Date Issued 10/27/2014 Date Expires 10/27/2016