



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

**RECEIVED**

By Carol Day at 12:32 pm, May 12, 2015

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 04/15/2015
LOCATION OF INSTRUMENT (STREET AND CITY) 123 East Santa Fe Marceline		TIME OF INSPECTION 9:15am RDP
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.		
<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)		
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C)		
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY		
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY		
<b>BREATH ALCOHOL ACCURACY STANDARDS</b>		
<input checked="" type="checkbox"/> SIMULATOR SOLUTION		<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Labs</u>		LOT # <u>14200</u> EXP. DATE <u>08/05/2016</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>		SIMULATOR SN <u>SD2276</u> SIMULATOR EXP DATE <u>04/07/2016</u>
<input checked="" type="checkbox"/> 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)		
<input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE		
<input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE		
<input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE		
TEST 1 ← .099	TEST 2 ← .098	TEST 3 ← .098
<input checked="" type="checkbox"/> 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
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).		
<b>INSPECTING OFFICER</b>		
SIGNATURE ▶		PRINT NAME Captain Robert Donelson
TYPE II PERMIT NUMBER/EXPIRATION DATE 240381 10/27/2016		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.**

530 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 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 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: 102460  
Version no: 532B

TEST RECORD 00125

Temp Date Time 210L

Air Blank:  
04/15/15 09:15 .000  
Calibration Check:  
22 04/15/15 09:15 .099

Subject Name

Subject I.D.

Operator Name I.D.  
Location  
123 E SANTA FE

AS IV Serial no: 102460  
Version no: 532B

TEST RECORD 00129

Temp Date Time 210L

VOID: RFI  
12 04/15/15 09:22

Subject Name

Subject I.D.

Operator Name I.D.  
Location  
123 E SANTA FE

AS IV Serial no: 102460  
Version no: 532B

TEST RECORD 00128

Temp Date Time 210L

Air Blank:  
04/15/15 09:21 .000  
Calibration Check:  
25 04/15/15 09:21 .098

Subject Name

Subject I.D.

Operator Name I.D.  
Location  
123 E SANTA FE

AS IV Serial no: 102460  
Version no: 532B

TEST RECORD 00127

Temp Date Time 210L

Air Blank:  
04/15/15 09:19 .000  
Calibration Check:  
24 04/15/15 09:19 .098

Subject Name

Subject I.D.

Operator Name I.D.  
Location

123 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: 19 CSR 25-30.051 (4).

Checked: 04/07/2015 Expires: 04/07/2016  
 Digital Therm. SN:093752  
 MSC Tech:DRL Temp: 34.01  
 Agency: Marceline Police Department  
 SD 2276



Technician Printed Name: DAN LUCAS

Technician Signature: [Handwritten Signature]

Date: 4/7/2015

Contact: Missouri Safety Center  
 Breath-Alcohol Instrument Training Program  
 660-543-4834



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



**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

MO 589-0771 (8-10)

LAB-4 (10-10)

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