



**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 108265	PRINTER SN 099.3586.806	DATE OF INSPECTION 01/29/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Elsberry Police Department		TIME OF INSPECTION 9:25 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**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Lab</u>	LOT # <u>14110</u> EXP. DATE <u>05/10/2016</u>
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>	SIMULATOR SN <u>SD2287</u> SIMULATOR EXP DATE <u>06/02/2016</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 → .99	TEST 2 → .99	TEST 3 → .99
--------------	--------------	--------------

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).

Nothing to report at this time.

<b>INSPECTING OFFICER</b>	
SIGNATURE 	PRINT NAME Cpl. David Wait
TYPE II PERMIT NUMBER/EXPIRATION DATE 240416 / 11-20-2016	TELEPHONE NUMBER (573) 898-5456

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.

400 NORTH 8TH STREET • HARRISBURG, PA 17110-4511 • TELEPHONE: 717-644-4170

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14110 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on May 5, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1206% (w/vol) ethyl alcohol. The expiration date for this lot number is May 1, 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 Certified Reference Standard lot number EN12211-02 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: 100265  
Version no: 532B

TEST RECORD 00228

Temp Date Time 210L

VOID: RFI  
12 01/29/16 09:25

Subject Name  
TEST 1  
Subject I.D.

Operator Name, I.D.  
CPL WAIT #208  
Location  
Elsberry PD

AS IV Serial no: 100265  
Version no: 532B

TEST RECORD 00229

Temp Date Time 210L

Air Blank:  
01/29/16 09:26 .000  
Calibration Check:  
18 01/29/16 09:26 .099

Subject Name  
TEST 2  
Subject I.D.

Operator Name, I.D.  
CPL WAIT #208  
Location  
Elsberry P.D.

AS IV Serial no: 100265  
Version no: 532B

TEST RECORD 00230

Temp Date Time 210L

Air Blank:  
01/29/16 09:28 .000  
Calibration Check:  
19 01/29/16 09:28 .099

Subject Name  
TEST 3  
Subject I.D.

Operator Name, I.D.  
CPL WAIT  
Location  
Elsberry P.D.

AS IV Serial no: 100265  
Version no: 532B

TEST RECORD 00231

Temp Date Time 210L

Air Blank:  
01/29/16 09:30 .000  
Calibration Check:  
20 01/29/16 09:30 .099

Subject Name  
TEST 4  
Subject I.D.

Operator Name, I.D.  
CPL WAIT  
Location  
Elsberry P.D.



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



**PERMIT  
TYPE II**

**DAVID M WAIT**

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 11/20/2014

NUMBER 240416

EXPIRES 11/20/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 680-0771 (8-10)

LAB-1 (R8-10)

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 **WAIT, DAVID**  
Permit No **240416**  
Date issued **11/20/2014** Date Expires **11/20/2016**