



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

RECEIVED 7/14/14-CD

**REVIEWED** REPORT #7  
 By Carol Day at 9:41 am, Jul 22, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 062093	PRINTER SN 093.3563.014	DATE OF INSPECTION 07/03/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 1001 Heroes Way, Sugar Creek, MO		TIME OF INSPECTION 10:34 pm

**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 Laboratories LOT # 14030 EXP. DATE 01/20/2016

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3136 SIMULATOR EXP DATE 07/14/2014

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 → 0.100

TEST 2 → 0.099

TEST 3 → 0.100

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).

**INSPECTING OFFICER**

SIGNATURE

PRINT NAME  
 Wesley H. Edwards

TYPE II PERMIT NUMBER/EXPIRATION DATE  
 230200/09/19/2015

TELEPHONE NUMBER  
 (816) 252-5560

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 13290 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on October 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1202% (w/vol) ethyl alcohol. The expiration date for this lot number is October 29, 2015 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: 062093  
Version no: 532B

TEST RECORD 00239

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

Air Blank:  
07/03/14 22:38 .000  
Calibration Check:  
27 07/03/14 22:38 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Edwards 908  
Location  
1001 Heroes way

Sugar Creek mo 64054

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00237

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

Air Blank:  
07/03/14 22:34 .000  
Calibration Check:  
21 07/03/14 22:34 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Edwards 908  
Location  
1001 Heroes way

Sugar Creek, mo 64054

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00240

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

VOID: RFI  
12 07/03/14 22:38

Subject Name

Subject I.D.

Operator Name, I.D.

Edwards 908  
Location  
1001 Heroes way

Sugar Creek, mo 64054

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00238

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

Air Blank:  
07/03/14 22:36 .000  
Calibration Check:  
22 07/03/14 22:36 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Edwards 908  
Location  
1001 Heroes way

Sugar Creek, mo 64054



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



**PERMIT  
TYPE II**

**WESLEY H EDWARDS**

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: 9/19/2013

NUMBER 230200

EXPIRES 9/19/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (8-10)

MSQ 580,0771 (8-10)

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

**INSTRUMENT OPERATOR CARD**

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

Operator **EDWARDS, WESLEY**  
Permit No. **230200**  
Date Issued **9/19/2013**    Date Expires **9/19/2015**