



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

**RECEIVED**  
 By Carol Day at 9:17 am, Apr 04, 2016

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 062093	PRINTER SN 093.6563.014	DATE OF INSPECTION 04/03/2016
LOCATION OF INSTRUMENT (STREET AND CITY) 1001 Heroes Way, Sugar Creek		TIME OF INSPECTION 9:26 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 # 15050 EXP. DATE 03/09/2017

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD3136 SIMULATOR EXP DATE 07/10/2016

- 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  .099      TEST 2  .099      TEST 3  .099

- 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    5    | (0-.04)    1    | (.05-.09)    0    | (.10-.14)    2    | (.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 <i>Wesley H. Edwards</i>	PRINT NAME Wesley H. Edwards
TYPE II PERMIT NUMBER/EXPIRATION DATE 250213 / 10/01/2017	TELEPHONE NUMBER (816) 252-7085

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.**

630 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15050 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on March 11, 2015, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1218% (w/vol) ethyl alcohol. ~~The expiration date for this lot number is March 9, 2017 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 FN08051301 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 00552

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

Air Blank:  
04/03/16 21:28 .000  
Calibration Check:  
20 04/03/16 21:28 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00551

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

Air Blank:  
04/03/16 21:26 .000  
Calibration Check:  
20 04/03/16 21:26 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00553

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

Air Blank:  
04/03/16 21:30 .000  
Calibration Check:  
21 04/03/16 21:30 .099

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 062093  
Version no: 532B

TEST RECORD 00554

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

VOID: RFI  
12 04/03/16 21:31

Subject Name

Subject I.D.

Operator Name, I.D.

Location