



**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 105449	PRINTER SN 097.3585.012	DATE OF INSPECTION 01/03/16
-----------------------------	----------------------------	--------------------------------

LOCATION OF INSTRUMENT (STREET AND CITY) 200 HIGHLANDS BLVD DR MANCHESTER MO 63011	TIME OF INSPECTION 0745 HRS
---	--------------------------------

**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) 22°
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Labs LOT # 15120 EXP. DATE 4/29/17
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.8 SIMULATOR SN 2293 SIMULATOR EXP DATE 10/13/16

- 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 = <u>.102</u> %	TEST 2 = <u>.099</u> %	TEST 3 = <u>.101</u> %
------------------------	------------------------	------------------------

- 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	<u>0</u>	(.0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>0</u>	(OVER .19)	<u>1</u>
----------	----------	----------	----------	-----------	----------	-----------	----------	-----------	----------	------------	----------

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 <u>P.O.D. Eberhart</u>	PRINT NAME <u>P.O.D. Eberhart</u>
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>250288 exp 11/23/17</u>	TELEPHONE NUMBER <u>(636) 227-1410</u>

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

AS IV Serial no: 185449  
Version no: 532B

TEST RECORD 00275

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

Air Blank:  
01/03/16 07:51 .000  
Calibration Check:  
22 01/03/16 07:51 .102

Subject Name

Subject I.D.

*P.O.D. [Signature]*  
Operator Name, I.D.

Location

AS IV Serial no: 185449  
Version no: 532B

TEST RECORD 00278

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

VOID: RFI  
12 01/03/16 07:56

Subject Name

Subject I.D.

*P.O.D. [Signature]*  
Operator Name, I.D.

Location

AS IV Serial no: 185449  
Version no: 532B

TEST RECORD 00276

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

Air Blank:  
01/03/16 07:53 .000  
Calibration Check:  
23 01/03/16 07:53 .099

Subject Name

Subject I.D.

*P.O.D. [Signature]*  
Operator Name, I.D.

Location

AS IV Serial no: 185449  
Version no: 532B

TEST RECORD 00277

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

Air Blank:  
01/03/16 07:54 .000  
Calibration Check:  
24 01/03/16 07:54 .101

Subject Name

Subject I.D.

*P.O.D. [Signature]*  
Operator Name, I.D.

Location



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

2

**PERMIT**  
**TYPE II**  
**DAVID EBERT**

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, INTOX EC/IR II**

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 11/23/2015

NUMBER 250288

EXPIRES 11/23/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

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 EBERT, DAVID  
 Permit No 250288  
 Date Issued 11/23/2015 Date Expires 11/23/2017



## GUTH LABORATORIES, INC.

690 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-664-6470

### CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **15120** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **May 4, 2015**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1209%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 29, 2017** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm 2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  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.*