



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

**RECEIVED**  
 By Carol Day at 1:28 pm, Nov 17, 2014

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 105445	PRINTER SN 097.3584.347	DATE OF INSPECTION 11/11/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 415 Third Street Platte City, Missouri 64079		TIME OF INSPECTION 10:55 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) 25°C
- PRINTER WORKING PROPERLY
- TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

- SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE
- STANDARD SUPPLIER Guth Laboratories LOT # 13210 EXP. DATE 07/29/2015
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0c SIMULATOR SN SD2780 SIMULATOR EXP DATE 07/15/2015

- 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  .102	TEST 2  .104	TEST 3  .105
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- 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
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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 Walter Nichols
TYPE II PERMIT NUMBER/EXPIRATION DATE 230230 10/17/2015	TELEPHONE NUMBER (816) 858-2424

**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.**

800 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-664-6670

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 13210 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on July 31, 2013, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1216% (w/vol) ethyl alcohol. The expiration date for this lot number is July 29, 2015 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- 0.2°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: 105445  
Version no: 532B

TEST RECORD 00322 s/  
Temp Date Time 210L  
Air Blank:  
11/11/14 11:08 .000  
Calibration Check:  
25 11/11/14 11:08 .102

Subject Name  
Doe, John A  
Subject I.D.  
R3450789 MO  
Operator Name, I.D. 174  
Walter Nichols A394  
Location  
415 Third Street  
Platte City, MO 64079  
Permit # exp. date  
230230 10/17/15

AS IV Serial no: 105445  
Version no: 532B

TEST RECORD 00323 s/  
Temp Date Time 210L  
Air Blank:  
11/11/14 11:09 .000  
Calibration Check:  
26 11/11/14 11:09 .104

Subject Name  
Doe, John A  
Subject I.D.  
123450789 MO  
Operator Name, I.D. 174  
Walter Nichols A394  
Location  
415 Third Street  
Platte City, MO 64079  
Permit # exp. date  
230230 10/17/15

AS IV Serial no: 105445  
Version no: 532B

TEST RECORD 00324 s/  
Temp Date Time 210L  
Air Blank:  
11/11/14 11:11 .000  
Calibration Check:  
26 11/11/14 11:11 .105

Subject Name  
Doe, John A  
Subject I.D.  
R3450789 MO  
Operator Name, I.D. 174  
Walter Nichols A394  
Location  
415 Third Street  
Platte City, MO 64079  
Permit # exp. date  
230230 10/17/15

AS IV Serial no: 105445  
Version no: 532B

TEST RECORD 00325 s/  
Temp Date Time 210L  
VOID: RFI  
12 11/11/14 11:12

Subject Name  
Doe, John A  
Subject I.D.  
123450789 MO  
Operator Name, I.D. 174  
Walter Nichols A394  
Location  
415 Third Street  
Platte City, MO 64079  
Permit # exp. date  
230230 10/17/15



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

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**PERMIT**  
**TYPE II**  
**WALTER NICHOLS**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**DATAMASTER, INTOX DMT, ALCO-SENSOR IV W/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 10/17/2013

NUMBER 230230

EXPIRES 10/17/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

,acting director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES