



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

**RECEIVED**  
 By Carol Day at 12:32 pm, Apr 07, 2014

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 0904801 Oakview MO	PRINTER SN 097.3584.331	DATE OF INSPECTION 03/31/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 6404 N. Locust, Oakview MO 64118 Oakview City Hall	TIME OF INSPECTION 12:58 pm
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**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, Inc LOT # 13100 EXP. DATE 04/23/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34 SIMULATOR SN 093752 SIMULATOR EXP DATE 03/11/2015

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 .101

TEST 2 .101

TEST 3 .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	1	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19)	(OVER .19)
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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).

-LAST MONTH THE UNIT AND SIMULATOR WAS SERVICED AT MO SAFETY CENTER  
 -ON TODAYS DATE THE UNIT WAS TESTED AND THE TIME WAS CORRECTED DUE TO DAYLIGHTS SAVING CHANGE OVER

**INSPECTING OFFICER**

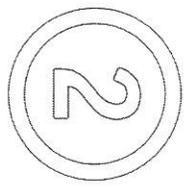
SIGNATURE	PRINT NAME DWON LITTLEJOHN #230074
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TYPE II PERMIT NUMBER/EXPIRATION DATE #230074-04/26/2015	TELEPHONE NUMBER (816) 436-9150
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**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
 2875 James Boulevard  
 Poplar Bluff, MO 63901



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



**PERMIT**  
**TYPE II**

**DWON LITTLEJOHN**

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 W/PRINTER, INTOXILYZER 5000**

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 04/26/2013

NUMBER 230074

EXPIRES 04/26/2015

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

Acting Director

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES



**GUTH LABORATORIES, INC.**

590 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 **13100** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **April 29, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1214%** (w/vol) ethyl alcohol. The expiration date for this lot number is **April 23, 2015** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm 0.2^{\circ}\text{C}$ , 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 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: 094801  
Version no: 532B

TEST RECORD 00243

Temp	Date	Time	s/ 210L
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Air Blank:  
03/31/14 01:06 .000  
Calibration Check:  
25 03/31/14 01:06 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00241

Temp	Date	Time	s/ 210L
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Air Blank:  
03/31/14 01:03 .000  
Calibration Check:  
24 03/31/14 01:03 .000

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00242

Temp	Date	Time	s/ 210L
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Air Blank:  
03/31/14 01:04 .000  
Calibration Check:  
24 03/31/14 01:04 .101

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00239

Temp	Date	Time	s/ 210L
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Air Blank:  
12 03/31/14 00:58

Subject Name

Subject I.D.

Operator Name, I.D.

Location

AS IV Serial no: 094801  
Version no: 532B

TEST RECORD 00244

Temp	Date	Time	s/ 210L
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Air Blank:  
03/31/14 01:00 .000  
Calibration Check:  
26 03/31/14 01:00 .100

Subject Name

Subject I.D.

Operator Name, I.D.

Location