



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

RECEIVED  
 By Carol Day at 12:20 pm, Nov 24, 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 097422	PRINTER SN 097.3584.042	DATE OF INSPECTION 11/14/2014
LOCATION OF INSTRUMENT (STREET AND CITY) Newton County Sheriff Dept. 208 W. Coler St. Neosho		TIME OF INSPECTION 2:14 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 Labs                      LOT # 13210                      EXP. DATE 07/09/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0                      SIMULATOR SN DR6930                      SIMULATOR EXP DATE 08/14/2015

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 → <u>.103</u>	TEST 2 → <u>.103</u>	TEST 3 → <u>.103</u>
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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	<u>2</u>	(0-.04)	<u>1</u>	(.05-.09)	<u>1</u>	(.10-.14)	<u>1</u>	(.15-.19)	<u>1</u>	(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).  
 Calibration completed. Battery issue resolved.

INSPECTING OFFICER	
SIGNATURE → <u>Chad Harris</u>	PRINT NAME Chad Harris
TYPE II PERMIT NUMBER/EXPIRATION DATE 230161 08/14/2015	TELEPHONE NUMBER (417) 451-8300

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.**

590 NORTH 6TH STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-664-5470

## 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 +/- .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: 097422  
Version no: 532B

TEST RECORD 00134

Temp	Date	Time	s/ 210L
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Air Blank:  
11/14/14 20:09 .000  
Calibration:  
24 11/14/14 20:09 .100

Subject Name

Subject I.D.

Operator Name, I.D.

*C. HARRIS*

Location

*NCSO*

AS IV Serial no: 097422  
Version no: 532B

TEST RECORD 00135

Temp	Date	Time	s/ 210L
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Air Blank:  
11/14/14 20:11 .000  
Calibration Check:  
25 11/14/14 20:11 .103

Subject Name

Subject I.D.

Operator Name, I.D.

*C. HARRIS*

Location

*NCSO*

AS IV Serial no: 097422  
Version no: 532B

TEST RECORD 00136

Temp	Date	Time	s/ 210L
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Air Blank:  
11/14/14 20:13 .000  
Calibration Check:  
25 11/14/14 20:13 .103

Subject Name

Subject I.D.

Operator Name, I.D.

*C. HARRIS*

Location

*NCSO*

AS IV Serial no: 097422  
Version no: 532B

TEST RECORD 00138

Temp	Date	Time	s/ 210L
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VOID: RFI  
12 11/14/14 20:37

Subject Name

Subject I.D.

Operator Name, I.D.

*C. HARRIS*

Location

*NCSO*

AS IV Serial no: 097422  
Version no: 532B

TEST RECORD 00137

Temp	Date	Time	s/ 210L
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Air Blank:  
11/14/14 20:14 .000  
Calibration Check:  
25 11/14/14 20:14 .103

Subject Name

Subject I.D.

Operator Name, I.D.

*C. HARRIS*

Location

*NCSO*



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

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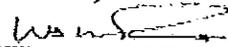
**PERMIT**  
**TYPE II**  
**CHAD HARRIS**

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

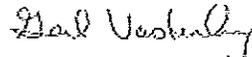
**ALCO-SENSOR IV WITH PRINTER, DATAMASTER**

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 308.111 through 308.119 RSMo.

DATE 8/14/2013

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

NUMBER 230161

  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

EXPIRES 8/14/2015

MOHEC 0716 10

140-030-10

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

**INSTRUMENT OPERATOR CARD**

The named operator is authorized to operate an Alcotest breath alcohol analyzer for the determination of the alcoholic content in breath from expired air in Missouri.

Operator **HARRIS, CHAD**  
Permit No **230161**  
Date Issued **8/14/2013** Date Expires **8/14/2015**