



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

RECEIVED 7/11/14 CD

**REVIEWED**  
 By Carol Day at 3:38 pm, Sep 03, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and when needed. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 003252	PRINTER SN 03A.2436.094	DATE OF INSPECTION 07/02/2014
LOCATION OF INSTRUMENT (STREET AND CITY) 17201 Paradesian, Smithville		TIME OF INSPECTION 6:56 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 # 12170 EXP. DATE 10/05/2014
- SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2234 SIMULATOR EXP DATE 01/31/2015

- 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 → .101
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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).

Instrument is operating withing DHSS Regulations

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME Patrick Iske
TYPE II PERMIT NUMBER/EXPIRATION DATE 240202 4/30/2016	TELEPHONE NUMBER (816) 407-3400

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 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-684-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 12170 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 11, 2012, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1215% (w/vol) ethyl alcohol. The expiration date for this lot number is September 5, 2014 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: 003252  
Version no: 532B

TEST RECORD 00076

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

Air Blank:  
07/02/14 18:57 .000  
Calibration Check:  
26 07/02/14 18:57 .101

Subject Name

July maint #3  
Subject I.D.

P. JSE 423  
Operator Name, I.D.

Location

AS IV Serial no: 003252  
Version no: 532B

TEST RECORD 00077

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

Air Blank:  
07/02/14 18:59 .000  
Calibration Check:  
26 07/02/14 18:59 .101

Subject Name

July maint #2  
Subject I.D.

P. JSE 423

AS IV Serial no: 003252  
Version no: 532B

TEST RECORD 00075

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

VOID: RFI  
12 07/02/14 18:56

Subject Name

July maint RFI  
Subject I.D.

P. JSE 423  
Operator Name, I.D.

Location

AS IV Serial no: 003252  
Version no: 532B

TEST RECORD 00078

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

Air Blank:  
07/02/14 19:00 .000  
Calibration Check:  
26 07/02/14 19:00 .101

Subject Name

July maint #1



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

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**PERMIT**  
**TYPE II**  
**PATRICK ISKE**

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**

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 4/30/2014

NUMBER 240202

EXPIRES 4/30/2016

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES