



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY  
**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.

**RECEIVED**  
By Carol Day at 8:43 am, Aug 25, 2015

ALCO SENSOR IV SN 102525	PRINTER SN 84.9324.159	DATE OF INSPECTION 08/16/2015
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LOCATION OF INSTRUMENT (STREET AND CITY) 8374 Midland Blvd, Vinita Park, MO 63114	TIME OF INSPECTION 4:29 am
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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**

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
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<input checked="" type="checkbox"/> STANDARD SUPPLIER <u>Guth Laboratories</u>	LOT # <u>14220</u>	EXP. DATE <u>09/24/2016</u>
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<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) <u>34</u>	SIMULATOR SN <u>093752</u>	SIMULATOR EXP DATE <u>01/09/2016</u>
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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 0.036% and 0.042% INCLUSIVE

TEST 1 <u>.101</u>	TEST 2 <u>.101</u>	TEST 3 <u>.102</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>1</u>	(.0-.04)	<u>0</u>	(.05-.09)	<u>0</u>	(.10-.14)	<u>0</u>	(.15-.19)	<u>1</u>	(OVER .19)	<u>0</u>
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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).

<b>INSPECTING OFFICER</b>	
SIGNATURE <u>Sgt. J. Martin DSN: 220</u>	PRINT NAME Sgt. J. Martin DSN: 220
TYPE II PERMIT NUMBER/EXPIRATION DATE <u>250089/ 05/11/2017</u>	TELEPHONE NUMBER (314) 428-7373

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.**

630 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-6470

**CERTIFICATE OF ANALYSIS****Certified Alcohol Reference Solution for Simulator**

Random Samples of Lot Number .14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9020209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 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 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.*

AS IV Serial no: 102525  
Version no: 532B

TEST RECORD - REPRINT

TEST RECORD 00298

Temp Date Time 210L

Air Blank:  
08/16/15 05:23 .000  
Subject Test: Auto  
23 08/16/15 05:23 .101

Subject Name  
John Doe  
Subject I.D.  
123 Drive  
Operator Name, I.D.  
Sgt J. Martin  
Location  
8374 Midland

TEST RECORD 00300

Temp Date Time 210L

Air Blank:  
08/16/15 06:30 .000  
Subject Test: Auto  
24 08/16/15 06:30 .102

Subject Name  
John Doe  
Subject I.D.  
123 DRIVE  
Operator Name, I.D.  
Sgt J. MARTIN  
Location  
8374 Midland

AS IV Serial no: 102525  
Version no: 532B

TEST RECORD 00299

Temp Date Time 210L

Air Blank:  
08/16/15 05:31 .000  
Subject Test: Auto  
24 08/16/15 05:31 .101

Subject Name  
John Doe  
Subject I.D.  
123 DRIVE  
Operator Name, I.D.  
Sgt J. MARTIN  
Location  
8374 Midland

AS IV Serial no: 102525  
Version no: 532B

TEST RECORD 00301  
Temp Date Time 210L

VOID: RFI  
12 08/16/15 06:32

Subject Name  
John Doe  
Subject I.D.  
123 DRIVE  
Operator Name, I.D.  
Sgt J. MARTIN  
Location  
8374 MIDLAND



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



PERMIT  
TYPE II

JESSE MARTIN

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 5/11/2015

NUMBER 250089

EXPIRES 5/11/2017

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (8-10)

LAB-4 (8-10)

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 from expired air in Missouri.

Operator MARTIN, JESSE  
Permit No 250089  
Date Issued 5/11/2015 Date Expires 5/11/2017