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By Carol Day at 3:23 pm, Jun 10, 2016



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.

ALCO SENSOR IV SN <u>097405</u>	PRINTER SN <u>086 355 6388</u>	DATE OF INSPECTION <u>6-5-16</u>
LOCATION OF INSTRUMENT (STREET AND CITY) <u>Steele Police Department 115 S. Walnut Steele, Mo.</u>		TIME OF INSPECTION <u>9:00</u>

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 LAB LOT # 15220 EXP. DATE 9-28-17

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD1758 SIMULATOR EXP DATE 10/2/16

- 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>.105</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	(0-.04)	(.05-.09)	(.10-.14)	(.15-.19) <u>2</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).

MACHINE WORKING TO SPECIFICATIONS

INSPECTING OFFICER

SIGNATURE <u>[Signature]</u>	PRINT NAME <u>JOSH CARTER</u>
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TYPE II PERMIT NUMBER/EXPIRATION DATE <u>240348 10-3-16</u>	TELEPHONE NUMBER <u>573-695-2100</u>
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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

AS IV Serial no: 897485  
Version no: 5320

TEST RECORD 00311

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

Air Blank:  
12 06/05/16 09:04 .000

Calibration Check:  
Subject Name

Subject I.D.

Operator Name: I.D.

Location

AS IV Serial no: 897485  
Version no: 5320

TEST RECORD 00310

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

Air Blank:  
06/05/16 09:03 .000  
Calibration Check:  
06/05/16 09:03 .103

Subject Name

Subject I.D.

Operator Name: I.D.

Location

AS IV Serial no: 897485  
Version no: 5320

TEST RECORD 00308

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

Air Blank:  
06/05/16 09:00 .000  
Calibration Check:  
21 06/05/16 09:00 .105

Subject Name

Subject I.D.

Operator Name: I.D.

Location

AS IV Serial no: 897485  
Version no: 5320

TEST RECORD 00309

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

Air Blank:  
06/05/16 09:02 .000  
Calibration Check:  
22 06/05/16 09:02 .103

Subject Name

Subject I.D.

Operator Name: I.D.

Location



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

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**PERMIT  
TYPE II**

**JOSHUA S CARTER**

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**

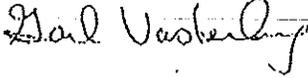
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 308.111 through 308.119 RSMo.

DATE 10/3/2014

NUMBER 240348

EXPIRES 10/3/2016

  
DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

  
acting director  
DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

MO 590-0771 (6-10)

LAB-4 (RS-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 form of expired air in Missouri.*



Operator CARTER, JOSHUA  
Permit No 240348  
Date Issued 10/3/2014 Date Expires 10/3/2016



**CERTIFIED ALCOHOL REFERENCE  
SOLUTION FOR SIMULATOR**

<u>15220</u>	<u>9/28/15</u>	<u>9/28/17</u>
LOT NO.	MFG. DATE	EXP. DATE
<u>275 Gal.</u>	<u>500 ML</u>	
LOT VOL.	BOT. VOL.	BOT. NO.

When this reference solution is used with a breath simulator certified by Guth Laboratories, a properly operating instrument will read 0.10

For additional information contact:

Guth Laboratories, Inc.  
590 North 67<sup>th</sup> Street, Harrisburg, PA 17111  
Toll Free 800-233-2338

Rev. 4/02





**GUTH LABORATORIES, INC.**

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-584-5470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 15220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 30, 2015, 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 September 28, 2017 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.